

Help Guide

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-  Troubleshooting
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Use this Help Guide when you have any questions on how to use your IC recorder.

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Notes on use

October 2012

Before use

To make full use of this website, please read the following notes thoroughly. Please note that the contents of this website are subject to change without prior notice.

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Recommended system environment

The following system environments are recommended for displaying your Help Guide. You may not be able to view some of the contents on other system environments.

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To view the Help Guide on Microsoft Windows	• Microsoft Internet Explorer 8 or later • Mozilla Firefox: latest version • Google Chrome: latest version
To view the Help Guide on Apple Mac OS	• Apple Safari Ver. 5 or later • Mozilla Firefox: latest version • Google Chrome: latest version

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- 1024 x 768 pixels or larger

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Playback

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- Sound effect does not change even when the “Effect” setting is changed.
- Playback speed is too fast or too slow.
- Playback sound is not good when a music file is played back.

Editing

- You cannot divide a file.
- You cannot move a file.
- You cannot copy a file to another memory.

Clock

- “--:--” is displayed.
- The recording date of a file appears as “--y--m--d” or “--:--.”

Display

- There are fewer menu items displayed in the menu mode.
- The remaining time displayed in the display window is shorter than that displayed on the computer.

Files

- The “Memory Full” animation is displayed and you cannot start recording.
- The “File Full” animation is displayed and you cannot operate the IC recorder.
- The memory card is not recognized.

Computer

- Even after you change a menu setting, the change is not applied to the menu.
- A character in a folder or file name is displayed in unreadable characters.
- It takes a long time to copy a file.
- The IC recorder is not recognized by your computer. A folder/file cannot be transferred from your computer.
- The file transferred from your computer is not displayed or cannot be played back.
- The computer cannot start.

Software operations (Sound Organizer)

Installation

- The Sound Organizer software cannot be installed.

Connections

- The IC recorder cannot be properly connected.

Operations

- Playback sound from the computer is low./No sound is emitted from the computer.
- Stored files cannot be played back or edited.
- The counter or slider moves incorrectly, or noise is heard.
- Operation is slow when there are many files.
- Display does not work during saving, adding, or deleting of files.
- The software ‘hangs’ when the Sound Organizer software starts up.

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Messages

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Parts description

[Parts and controls](#)

Explains the name of parts, such as buttons and switches, on the IC recorder.

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[Display when stopped](#)

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Explains the items and icons that appear in the display window while the IC recorder is recording.

[Display during playback](#)

Explains the items and icons that appear in the display window while the IC recorder is playing back.

[Display when the HOLD function is set](#)

Shows the message that appears in the display window when the HOLD function is set to "ON."

[Display in the HOLD status](#)

Shows the message that appears in the display window when you operate the IC recorder while the HOLD function is set to "ON."

[Display of the current file information](#)

Explains the display which shows the current file information, such as the date and time recorded, file length, etc.

[Display during FOLDER selection](#)

Explains the items and icons that appear in the display window of the folder list.

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Explains the file list which appears after you select a particular folder.

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Explains how to disconnect the IC recorder from your computer.

[Recharging the battery using a USB AC adaptor](#)

Explains how to charge the rechargeable battery from the AC outlet using the USB AC adaptor.

[Disconnecting the IC recorder from the USB AC adaptor](#)

Explains how to disconnect the IC recorder from the USB AC adaptor.

[Turning the power on](#)

Explains how to turn the power of the IC recorder on with the POWER ON/OFF•HOLD switch.

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Explains how to turn the power of the IC recorder off with the POWER ON/OFF•HOLD switch.

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[Inserting a memory card](#)

Explains how to insert or remove a memory card.

[Selecting the memory](#)

Explains how to select the memory to be used, either the built-in memory or the memory card.

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[Recording sound from the built-in microphones – AGC recording](#)

Explains the basic recording procedures using the built-in microphone.

[Peak meter for the recording level](#)

Explains the recording level guide. It appears during recording and shows the input level.

[Monitoring sound while recording](#)

Explains how to monitor the sound while recording with the supplied headphones.

[Various operations while recording](#)

Introduces various operations you can perform while recording.

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[Directionality of the built-in microphones](#)

Explains the features of the two built-in microphones (stereo microphones and zoom microphone) of the IC recorder.

[Switching the directionality of the built-in microphones](#)

Explains how to switch between the two types of built-in microphones (stereo microphones and zoom microphone) of the IC recorder and how to adjust the microphone sensitivity.

[Selecting a recording scene for each situation](#)

Explains how to select the recording settings that match to various recording scenes, such as during meeting or interview (Scene Select).

[Registering recording settings in “My Scene”](#)

Explains how to register recording settings you want to use in “My Scene 1” or “My Scene 2” in the Scene Select setting.

[Tips for better recording](#)

Introduces hints for recording in various situations.

[Settings for the Scene Select function](#)

Introduces the recording settings (such as “REC Mode,” “Sensitivity setting,” etc.) that are set for each Scene Select item.

[Recording sound manually](#)

Explains how to record sound while adjusting the recording level manually, which can reduce the distortion of the sound.

[Adding a new segment to a previously recorded file](#)

Explains how to add a new segment to the file that is currently playing.

[Adding an overwrite recording during playback](#)

Explains how to add an overwrite recording after a selected point in a recorded file.

[Recording a few seconds in advance – the pre-recording function](#)

Explains how to use the pre-recording function which allows you to record sound sources for approximately 5 seconds prior to the point when you start recording.

[Recording one sound source to two files - the dual-recording function \(ICD-SX1000 only\)](#)

Explains how to create both LPCM and MP3 files in one recording session.

[Recording across memory media – cross-memory recording](#)

Explains how to use the cross-memory recording function, which switches the memory media automatically when the memory currently being used becomes full during recording.

[Starting to record automatically in response to sound – the VOR function](#)

This function starts and pauses recording automatically according to the volume of the sound (input level) that the IC recorder detects.

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Recording via other devices

[Recording with an external microphone](#)

Explains how to record with an external microphone that is connected to the IC recorder and selects the input mode with the "Ext. Input Setting" menu.

[Recording from external equipment \(using the synchronized recording function\)](#)

Explains how to start and pause recording automatically according to the sound level input from externally connected equipment (synchronized recording).

[Recording without using the synchronized recording function](#)

Explains how to record manually regardless of the sound level input from externally connected equipment.

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[Playing back the recorded sound](#)

Explains how to play back the recorded sound with the speaker of the IC recorder.

[Various operations while playing](#)

Introduces various operations you can perform while playing.

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[Reducing noise in the playback sound and making the human voice clearer – the noise cut function](#)

Explains how to reduce ambient noise, which makes the human voice clearer when playing back a file.

[Adjusting the playback sound by amplifying inaudible sound – the digital voice up function](#)

Explains how to set the digital voice up function, which amplifies the low-level part of a recording, allowing you to hear low or small voices clearly.

[Transcribing a recorded file \(Transcription Playback Mode\)](#)

Explains how to adjust the playback speed, etc. when transcribing a recorded file.

[Adjusting the playback speed and tones – the DPC \(Digital Pitch Control\) and the key control function](#)

Explains how to adjust the playback speed and key tones.

[Selecting the sound effect](#)

Explains how to set the effect you want for playback.

[Customizing the sound level](#)

Explains how to adjust the sound levels of the multiple frequency band to obtain your favorite sound effect.

[Selecting the playback mode](#)

Explains how to set the playback mode, such as shuffle play or repeat play.

[Playing back a specified section repeatedly \(A-B repeat\)](#)

Explains how to play back a range between point A and point B, that you have set.

[Listening with better sound quality](#)

Explains how you can listen to a file with the high quality sound by connecting headphones or speakers to the IC recorder.

[Searching forward/backward during playback \(Cue/Review\)](#)

Explains how to find a desired point in the file by cueing/reviewing during playback.

[Searching the desired point quickly \(Easy Search\)](#)

Explains how to quickly locate the point at which you wish to start playback.

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[Selecting a recording date from the calendar and playing back](#)

Explains how to play back a file recorded using the IC recorder by searching for it from the calendar.

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Explains how to erase a file stored on the IC recorder.

[Erasing all files in a folder](#)

Explains how to erase all files in a selected folder at once.

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Track marks

[Adding a track mark](#)

Explains how to add track marks to make it easier for you to find a point in a file.

[Erasing a track mark](#)

Explains how to erase a track mark that is located at just before the current position.

[Erasing all the track marks in the selected file at one time](#)

Explains how to erase all track marks in the selected file at once.

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Dividing files

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Explains how to divide a file into two parts at the desired position.

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Explains how to divide a file at all track mark positions.

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[Protecting a file](#)

Explains how to protect a file so that you cannot erase or edit it.

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[Using the menu](#)

Explains how to set menus.

[Menu list](#)

Introduces the menus in each tab and in which operation mode the IC recorder can make changes to the menu. It also includes a link to each menu topic.

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[Selecting the recording mode \(REC Mode\)](#)

Explains how to set the recording mode for the file to be recorded.

[Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)

Explains how to select the type of external input ("MIC IN" or "Audio IN") to be recorded and the sensitivity setting when you record from an external device.

[Reducing noise when recording \(LCF\(Low Cut\)\)](#)

Explains how to reduce ambient noise or the roaring noise from wind, which allows you to record a file more clearly.

[Adjusting the input level of loud sound automatically \(LIMITER\)](#)

Explains how to use the LIMITER function, which adjusts the input level automatically when a sound that is too loud is input, to prevent sound distortion during manual recording.

[Selecting the display mode \(Display\)](#)

Explains how to set which information is to be displayed (elapsed time, remaining time, etc.) in the display window.

[Turning the recording lamp/the access lamp on or off \(LED\)](#)

Explains how to turn the recording lamp/the access lamp on or off while you are operating the IC recorder.

[Turning the backlight on or off \(Backlight\)](#)

Explains how to turn the backlight of the display window on or off.

[Selecting the memory using the menu \(Select Memory\)](#)

Explains how to select the memory media (built-in memory or microSD card) to be used.

[Selecting the clock display \(Time Display\)](#)

Explains how to select from 12 hour-clock or 24 hour-clock.

[Turning the beep sound on or off \(Beep\)](#)

Explains how to turn the operation beep on or off.

[Using the sleep timer \(Sleep Timer\)](#)

Explains how to set the Sleep Timer function which turns the IC recorder off automatically when the duration of time set for this sleep timer has elapsed.

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[Setting the time period for the IC recorder to turn off \(Auto Power Off\)](#)

Explains how to set the Auto Power Off function which turns the IC recorder off automatically when no operation has made and the duration of time set for this function has elapsed.

[Resetting all menu items to the default setting \(Reset All Settings\)](#)

This function changes menu settings back to the default settings. (Some of the menu items such as the clock setting, will not be changed.)

[Formatting the memory \(Format\)](#)

Explains how to format the built-in memory or a memory card which erases all files and changes the folder structure back to the initial status.

[Checking the system information \(System Information\)](#)

Explains how to check the model name of your IC recorder, software version and user name.

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[Connecting the IC recorder to your computer](#)

Explains how to exchange files between the IC recorder and the computer.

[Structure of folders and files](#)

Explains the structure of folders and files that can be viewed on the computer.

[Copying files from the IC recorder to your computer](#)

Explains how to copy files and folders from the memory on the IC recorder to your computer.

[Copying a music file from your computer to the IC recorder \(drag and drop\)](#)

Explains how to copy music files that are stored on your computer to the IC recorder.

[Playing back music files copied from your computer using the IC recorder](#)

Explains how to listen to the files that have been transferred from your computer to the IC recorder.

[Using the IC Recorder as USB memory](#)

Explains how to store files (image files, text files, etc.) on the computer to the IC recorder and use it as an USB storage device.

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[What you can do using Sound Organizer \(for Windows only\)](#)

Introduces the functions or operations you can perform using the Sound Organizer software.

[System requirements for using Sound Organizer](#)

Shows a list of the system environments that are required to use the Sound Organizer software.

[Installing Sound Organizer \(for Windows only\)](#)

Explains the procedures required to install the Sound Organizer software.

[The Sound Organizer window \(for Windows only\)](#)

Explains the operations you can perform on the basic Sound Organizer window.

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[About compatible memory cards](#)

Explains the types of memory cards you can use with your IC recorder.

[System requirements](#)

Shows a list of the system environments that are required to use the IC recorder (such as the version of your OS, the size of the memory, etc.).

[Design and specifications](#)

Shows the specifications of the IC recorder (such as dimensions and weight, the size of the built-in memory, etc.).

[Battery life](#)

Shows the battery life for the built-in rechargeable battery in each file format.

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Noise

The recorded file is noisy and is hard to understand.

The recorded file is noisy and you want to record with less noise in your recording.

A rustling noise is recorded.

A buzzing or humming noise is recorded.

Noise is recorded when you record a file using an external microphone (not supplied).

Noise is heard when you listen to the file using headphones.

Noise is heard in the playback even though the noise cut function is active.

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The IC recorder cannot be turned on. The IC recorder does not operate, even if you press any button.

The IC recorder cannot be turned off.

The IC recorder is powered off automatically.

The battery life is short.

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You cannot charge the battery by connecting the IC recorder to your computer.

The charging indicator is not displayed or disappears in the middle of charging.

“COLD” or “HOT” is flashing instead of the battery indicator.

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Clock

“--:--” is displayed.

The recording date of a file appears as “--y--m--d” or “--:--.”

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Display

There are fewer menu items displayed in the menu mode.

The remaining time displayed in the display window is shorter than that displayed on the computer.

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Files

The “Memory Full” animation is displayed and you cannot start recording.

The “File Full” animation is displayed and you cannot operate the IC recorder.

The memory card is not recognized.

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Even after you change a menu setting, the change is not applied to the menu.

A character in a folder or file name is displayed in unreadable characters.

It takes a long time to copy a file.

The IC recorder is not recognized by your computer. A folder/file cannot be transferred from your computer.

The file transferred from your computer is not displayed or cannot be played back.

The computer cannot start.

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[Stored files cannot be played back or edited.](#)

[The counter or slider moves incorrectly, or noise is heard.](#)

[Operation is slow when there are many files.](#)

[Display does not work during saving, adding, or deleting of files.](#)

[The software 'hangs' when the Sound Organizer software starts up.](#)

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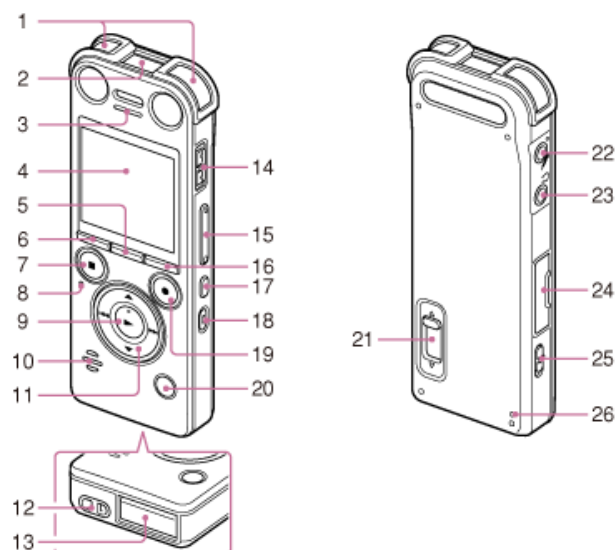
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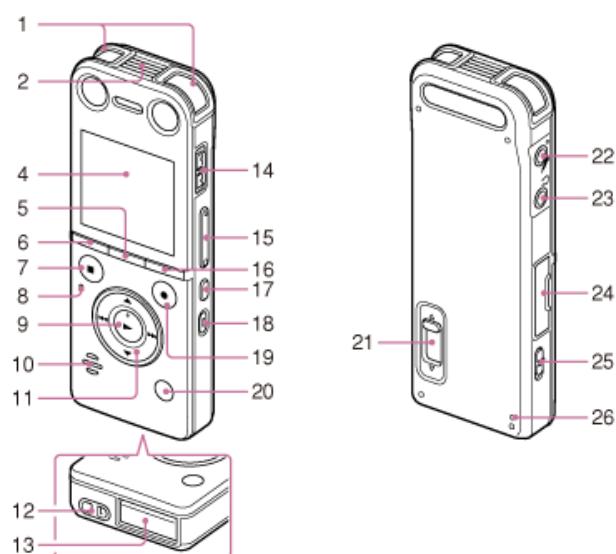
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ICD-SX1000



ICD-SX733 / SX734



1. Built-in microphones (stereo) (L/R)
2. Built-in zoom microphone (monaural)
3. Peak lamp (ICD-SX1000 only)
4. Display window
5. SCENE button

6.  (folder) button
7.  STOP button
8. Access lamp
9.  (play/enter) button (*1)
10. Speaker
11. Control button (,  /  (review/fast backward),  (cue/fast forward))
12. Strap hole (A strap is not supplied.)
13. USB connector compartment (The USB connector is stored inside.)
14. POWER ON/OFF•HOLD switch
15. VOL -/+ (volume -/+) buttons (*1)
16. MENU button
17.  A-B (repeat A-B) button
18. ERASE button
19.  REC/PAUSE (record/pause) button, recording lamp
20. TRACK MARK button
21. USB DIRECT slide lever
22.  (microphone) jack (PLUG IN POWER) (*1)
23.  (headphones) jack
24. M2™/microSD memory card slot (The card slot is in the cover.) (*2)
25. DPC (SPEED)/KEY CTRL (control) switch
26. RESET button

*1 These buttons and the jack have a tactile dot. Use it as a reference point for operations, or to identify each terminal.

*2 In this Help Guide, M2™ and microSD cards are generally referred to as a "memory card." The M2™/microSD card slot is referred to as the "memory card slot."

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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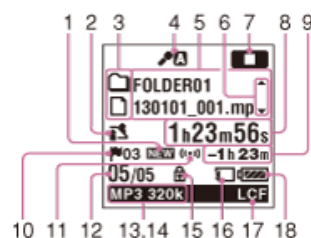
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Display when stopped



Note

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

- Newly arriving podcast indicator
Appears when a new podcast file is transferred from the Sound Organizer software.
- Scene select indicator
Displays the currently selected scene used for recording. Appears when a scene is set.
 - : Auto Voice Rec
 - : Meeting
 - : Lecture
 - : Voice Notes
 - : Interview
 - : Music
 - : My Scene 1
 - : My Scene 2
- File information type indicator
 - : A folder where you can record a file
 - : A folder for playback only
 - : A folder for podcast files
 - : Title name
 - : Artist name
 - : File name
- Sensitivity setting indicator
Displays the level of the Sensitivity setting that has been set in the menu.
 - : Auto
 - : High
 - : Medium
 - : Low
 - : High(Music)
 - : Low(Music)
 - : Zoom 3
 - : Zoom 2

Z: Zoom 1

MNL: Manual

When “Manual” is selected, the recording level also appears.

5. File information

Displays the information for each file according to the file information type (folder name, title name, artist name, file name).

6. Operating guide for switching file information

You can switch the file information display in sequence by pressing ▲ or ▼.

7. Operation mode indicator

Displays the following, depending on the current operation of the IC recorder.

■: stop

8. Counter information

You can select the display mode in the menu.

Elapsed Time: The elapsed time of a file

Remain Time: The remaining time of a file

REC Date: Date recorded

REC Time: Time recorded

9. Remaining recording time

Displays the remaining recording time in hours, minutes, and seconds. If there is 10 hours and more time remaining, the time is displayed in hours.

If there is 10 minutes and more and less than 10 hours time remaining, the time is displayed in hours and minutes.

If there is less than 10 minutes time remaining, the time is displayed in minutes and seconds.

10. Track mark indicator

Displays the track mark number just before the current position. Appears when a track mark is set for a file.

11. Alarm indicator

Appears when the alarm is set in a file.

12. File number information

The selected file number is displayed in the numerator and the total number of files in the folder is displayed in the denominator.

13. Recording mode indicator

The recording mode selected in the menu is displayed.

LPCM 96/24 (ICD-SX1000 only), **LPCM 44/16**: LPCM file

MP3 48k, **MP3 128k**, **MP3 192k**, **MP3 320k**: MP3 file

96/24-MP3, **44/16-MP3**: LPCM and MP3 files recorded using the Dual recording function (ICD-SX1000 only)

14. Sleep timer indicator

When the sleep timer is set, **SLEEP** is displayed in the same area of the display as the recording mode. (The sleep timer indicator appears prior to the recording mode indicator.)

15. Protect indicator

Appears when the protection is set for a file.

16. Memory card indicator

Appears when “Memory Card” is selected as “Select Memory.” When “Built-In Memory” is selected, no indication is displayed.

17. LCF (Low Cut Filter) indicator

Appears when “LCF(Low Cut)” is set to “ON” in the menu.

18. Battery indicator

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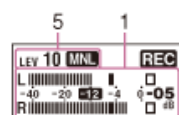
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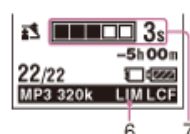
AGC recording



Manual recording



Pre-recording



Note

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. Level meter display

Level meter display in AGC recording mode.

In manual recording, the level meter whose colors are reverse is displayed.

2. Operation mode indicator

Displays the following, depending on the current operation of the IC recorder.

REC: recording

REC: recording pause (flashing)

VOR REC: recording with the VOR function

VOR REC: recording pause with the VOR function (flashing)

If you press **REC/PAUSE** to pause recording when "VOR" is set to "ON" in the menu, only "**REC**" flashes.

SYNC REC: synchronized recording

SYNC REC: synchronized recording pause (flashing)

3. Recording mode indicator

Displays the recording mode of the currently recorded file.

LPCM 96/24 (ICD-SX1000 only), **LPCM 44/16**: LPCM file

MP3 48k, **MP3 128k**, **MP3 192k**, **MP3 320k**: MP3 file

96/24-MP3, **44/16-MP3**: LPCM and MP3 files recorded using the Dual recording function (ICD-SX1000 only)

4. Sleep timer indicator

When the sleep timer is set, **SLEEP** is displayed in the same area of the display as the recording mode. (The sleep timer indicator appears prior to the recording mode indicator.)

5. Sensitivity setting indicator

MNL: Manual

When "Manual" is selected, the recording level also appears.

OVER: Recording level over indicator

Appears when the recording level is too high and has reached a specified level while recording.

6. Limiter indicator (appears during manual recording)

Appears when "LIMITER" is set to "ON" in the menu.

7. Pre-recording buffering time display

Appears when the IC recorder is in the recording standby mode.

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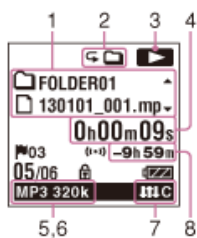
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Display during playback



Note

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. File information

Press or to check the file information during playback.

A file recorded using the IC recorder is displayed as follows.



Folder name: FOLDER01 - FOLDER05 (If the folder has been transferred from the computer to the IC recorder, "" appears on the display.)

File name: Date_file number.extension (e.g. 130101_001.mp3)



Artist name (e.g. My Recording)

Title: Date_file number (e.g. 130101_001)



Playback level meter

2. Playback mode indicator

1: Appears when a file is played back.

: Appears when files in one folder are played back continuously.

ALL: Appears when all the files are played back continuously.

1: Appears when one file is played back repeatedly.

: Appears when files in one folder are played back repeatedly.

ALL: Appears when all the files are played back repeatedly.

: Appears when files in one folder (in the Music category) are played back in random order (Shuffle play for files in one folder).

ALL: Appears when all the files in all folders (in the Music category) are played back in random order (Shuffle play for all files in all folders).

3. Operation mode indicator

Displays the following, depending on the current operation of the IC recorder.

: playback

 : review/fast backward, cue/fast forward

 : going backward/forward continuously

4. Counter information

You can select the display mode in the menu.

Elapsed Time: The elapsed time of a file

Remain Time: The remaining time of a file

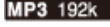
REC Date: Date recorded

REC Time: Time recorded

5. Recording mode indicator

When the IC recorder is playing a file, the recording mode of the file is displayed.

 (ICD-SX1000 only), : LPCM file

 ,  ,  ,  : MP3 file

When the files are transferred from your computer, only the file format is displayed.

: LPCM file transferred

: MP3 file transferred

: WMA files transferred

: AAC-LC files transferred

: Appears when the IC recorder cannot recognize the recording mode.

6. Sleep timer indicator

When the sleep timer is set,  is displayed in the same area of the display as the recording mode. (The sleep timer indicator appears prior to the recording mode indicator.)

7. Noise Cut/Effect indicator

Appears when the "Noise Cut" in the menu is set to "Auto," "Maximum," or "Medium," or "Effect" is set in the menu.

: Noise Cut

: Pop

: Rock

: Jazz

: Bass1

: Bass2

: Custom

8. Remaining recording time

Displays the remaining recording time in hours, minutes, and seconds.

If there is 10 hours and more time remaining, the time is displayed in hours.

If there is 10 minutes and more and less than 10 hours time remaining, the time is displayed in hours and minutes.

If there is less than 10 minutes time remaining, the time is displayed in minutes and seconds.

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Display when the HOLD function is set



Note

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. Message displayed when the HOLD function is set to "ON."
"HOLD" and the current time appear for approximately 3 seconds when you slide the POWER ON/OFF•HOLD switch in the direction of "HOLD."

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Related Topic

- [Preventing unintentional operations \(HOLD\)](#)
- [Releasing the HOLD function](#)

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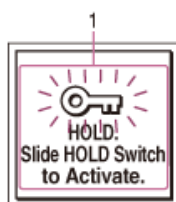
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Display in the HOLD status



Note

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. Message displayed while HOLD function is on.
Appears when you attempt to operate the IC recorder while the HOLD function is set to prevent unintentional operations. All button operations are disabled.

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Related Topic

- [Preventing unintentional operations \(HOLD\)](#)
- [Releasing the HOLD function](#)

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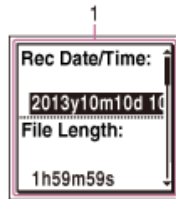
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Display of the current file information

**Note**

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. Current file information

When a file that has been recorded using the IC recorder is selected and the IC recorder is stopped, you can check the file information by pressing  STOP.

The file information appears for about 60 seconds. You can scroll the display by pressing  or .

The following information will be displayed.

- Rec Date/Time:** Displays the date and time recorded (y (year), m (month), d (day), and time).
- File Length:** Displays the length of the file (h (hour), m (minute), and s (second)).
- Model Name:** Displays the name of the device on which the current file was recorded. The model name that appears for "Model:" in the "System Information" will be displayed in this area.
- Scene:** Displays the Scene Select setting in effect when the file was recorded.
- REC Mode:** Displays the recording mode of the file.
- Sensitivity setting:** Displays the type of the microphone and the sensitivity settings in effect when the file was recorded.
- LCF(Low Cut):** Displays the "LCF(Low Cut)" setting in effect when the file was recorded.
- LIMITER:** Displays the LIMITER setting in effect when the file was recorded.
- VOR:** Displays the VOR (Voice Operated Recording) setting in effect when the file was recorded.
- Input:** Displays the input method ("Built-in Stereo Mic," "Built-in Zoom Mic," "Ext. (MIC IN)," or "Ext. (Audio IN)") used when the file was recorded.

Note

- File information other than “Rec Date/Time” and “File Length” will be displayed only when the file has been recorded with the IC recorder you use.

Hint

- If you do not attempt to operate the IC recorder for 60 seconds, the file information disappears and the display returns to the stop mode display. If you go back to the stop mode display immediately, press **■** STOP.

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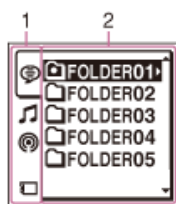
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Display during FOLDER selection

**Note**

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. Tabs

Displays the types (recordable or playback-only) of areas and memory available.

(Voice): Recordable area used to manage files recorded with the IC recorder.

(Music): Playback-only area used to manage music files transferred from your computer. (If no file or folder has been transferred, the tab will not be displayed.)

(Podcast): Playback-only area used to manage podcast files transferred from your computer. (If no file or folder has been transferred, the tab will not be displayed.)

(Built-in memory) : Appears when you insert a memory card and set the memory to the built-in memory.

(memory card) : Appears when you insert a memory card and set the memory to the memory card.

2. Folders

Displays the folders contained in the selected tab.

Structure of folders displayed in the display window of the IC recorder

The display of the structure of the folders seen in the display window of the IC recorder is different from that seen on the display of a computer.

The folder indicators in the display window of the IC recorder are as follows:

: Folder for files recorded using the IC recorder

: Folder transferred from a computer (They are displayed when music files have been transferred from a computer.)

: Folder for podcast files transferred from a computer (These folders are displayed when podcast files have been transferred from a computer.)

Note

- If folders have no files that can be played back using the IC recorder, those folders will not be displayed in the display window of the IC recorder.

Folders displayed on the tab of the IC recorder



Folders for files recorded using the IC recorder (folders under the VOICE folder) will be displayed.

Note

- Even if a file is transferred directly under the VOICE folder, it will not be displayed on the  tab of the IC recorder.

Folders displayed on the tab of the IC recorder



The following folders will be displayed among the folders forwarded from a computer.

- Folders under the MUSIC folder which contains a file (when some folders have multiple levels, all folders will be displayed in parallel.)
- Folders transferred to places other than under the MUSIC folder or the PODCASTS folder
- A folder called "No Folder" (If you transfer music files separately, those files will be displayed under this folder.)

Folders displayed on the tab of the IC recorder



Folders for podcast files transferred from a computer will be displayed. When you transfer podcast files from your computer to the IC recorder, use the Sound Organizer software.

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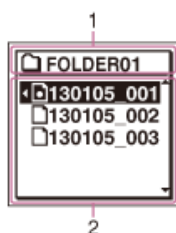
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Display of the file list



Note

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. Folder
The icon and the name of the particular folder that you select.
2. File list
The list of files stored in the folder.

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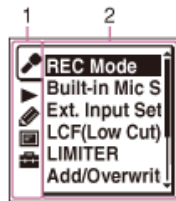
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Display during MENU operation



The menu items will be different depending on the model you are using.

Note

- The window shown above displays indications, numbers or items for explanatory purposes. The actual window may differ from those displayed here.

1. Menu tabs

Displays the menu tabs.

: Recording

: Playback

: Edit

: Display

: IC recorder settings

2. Menu items

Displays the menu items of the selected menu tab.

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Related Topic

- [Menu list](#)

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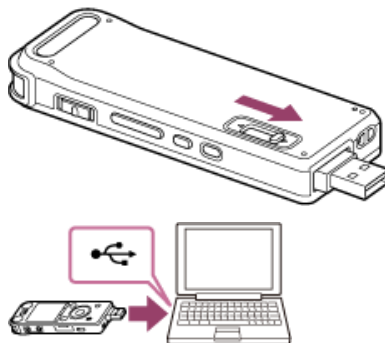
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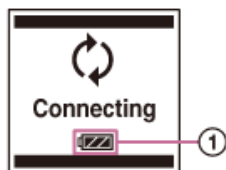
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1. Connect the IC recorder to your computer.

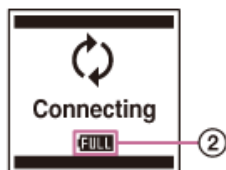
Slide the USB DIRECT slide lever on the back of the IC recorder in the direction of the arrow, so that the USB connector appears. Then, insert the USB connector into the USB port of a running computer. (*1)



While the battery is charging, "Connecting" and the battery indicator (①) are displayed in an animation.



When the battery is fully charged, the battery indicator will indicate "FULL" (②). When you charge the IC recorder for the first time, or when you have not used the IC recorder for a long time, charge the rechargeable battery until the "FULL" indicator appears on the display. It takes about 4 hours to fully charge an exhausted battery. (*2)



*1 If the IC recorder cannot be connected to a computer directly, use the supplied USB connection support cable.

*2 This is an approximation for the time it takes to charge from no remaining battery power to full battery power at room temperature. It varies depending on the remaining power and the condition of the battery. It also takes more time if the temperature of the battery is low, or if the battery is charged while you are transferring data to the IC recorder.

Note

- When you connect the IC recorder to a computer which is not running, the battery will not be charged. Even if the computer is on, and the computer is in a mode of reduced operation (standby or sleep), you cannot charge the battery.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons

and controls used for operations are the same.

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Related Topic

- [Disconnecting the IC recorder from your computer](#)
- [Connecting the IC recorder to your computer](#)

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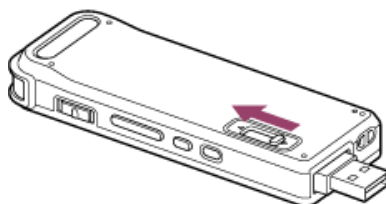
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Disconnecting the IC recorder from your computer

Follow the procedures below; otherwise, when the IC recorder contains data files, the files may be damaged or become unplayable.

1. Make sure that the access lamp does not light.
2. Perform the following operation on your computer.
 - On the Windows taskbar at the bottom right of the desktop, left-click the following icon.

Then, left-click “Eject IC RECORDER” (Windows 7, Windows 8), or “Safely remove USB Mass Storage Device” (Windows XP, Windows Vista). The icon and menu displayed can be different on different operating systems. The icon may not be always displayed on the taskbar depending on your computer settings.
 - On a Mac screen, click the removal icon of the “IC RECORDER” that appears on the sidebar of the Finder.
3. Disconnect the IC recorder from the USB port of the computer, and slide the USB DIRECT slide lever in the direction of the arrow to retract the USB connector.



Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- For details on disconnecting the IC recorder from your computer, refer to the operating instructions supplied with your computer.

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Related Topic

- [Recharging the battery](#)
- [Connecting the IC recorder to your computer](#)

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Recharging the battery using a USB AC adaptor

You can charge the rechargeable battery or use the IC recorder by connecting it to an AC outlet using a USB AC adaptor (not supplied). You can charge the battery while you are using the IC recorder, so that it is useful when you want to record for a long time.

When you use the IC recorder for the first time, or after you have not used the IC recorder for a certain period of time, charge the battery continuously until “**FULL**” is displayed.

It takes about 4 hours to fully charge an exhausted battery. (*)

* This is an approximation for the time it takes to charge from no remaining battery power to full battery power at room temperature. It varies depending on the remaining power and the condition of the battery. It also takes more time if the temperature of the battery is low, or if the battery is charged while you are transferring data to the IC recorder.



A: USB AC adaptor (not supplied)

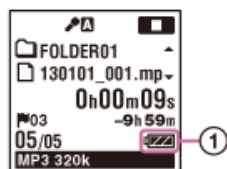
Note

- If it is difficult to connect the IC recorder directly to the USB AC adaptor, use the supplied USB connection support cable.

1. Connect a USB AC adaptor (not supplied) to an AC outlet.
2. Slide the USB DIRECT slide lever on the back of the IC recorder and connect the USB connector to the USB AC adaptor.

While the battery is charging, the battery indicator (①) is displayed in an animation.

Now you can use the IC recorder while charging the battery.



Note

- While playing back files using the built-in speaker, you cannot charge the battery.
- During recording (the recording lamp lights or flashes in red) or accessing data (the access lamp flashes in orange),
 - the IC recorder should not be connected to or disconnected from the USB AC adaptor connected to the AC outlet.
 - the USB AC adaptor connected to the IC recorder should not be connected to or disconnected from the AC outlet.

Doing so may damage the data.

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These

illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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Related Topic

- [Disconnecting the IC recorder from the USB AC adaptor](#)

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Disconnecting the IC recorder from the USB AC adaptor

Follow the procedures below; otherwise, when the IC recorder contains data files, the files may be damaged or become unplayable.

1. If you are recording or playing back a file, press STOP to stop the IC recorder.
2. Make sure that the recording lamp and the access lamp of the IC recorder do not light.
3. Disconnect the IC recorder from the USB AC adaptor, and then disconnect the USB AC adaptor from the AC outlet.

Note

- During recording (the recording lamp lights or flashes in red) or accessing data (the access lamp flashes in orange),
 - the IC recorder should not be connected to or disconnected from the USB AC adaptor connected to the AC outlet.
 - the USB AC adaptor connected to the IC recorder should not be connected to or disconnected from the AC outlet.

Doing so may damage the data.

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Related Topic

- [Recharging the battery using a USB AC adaptor](#)

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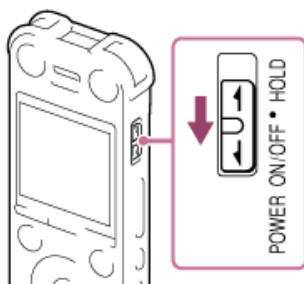
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Turning the power on

- Slide and hold the POWER ON/OFF•HOLD switch in the direction of "POWER ON/OFF" until the window display appears.



The "Accessing..." animation is displayed, and the IC recorder is turned on.

Note

- If the IC recorder is required to process a large amount of data, the start-up window may be displayed for an extended period of time. This is not a malfunction of the IC recorder. Wait until the start-up display disappears from the display window.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- When the IC recorder is in the stop mode, and you leave the IC recorder without attempting an operation for a certain length of time, the auto power off function will take effect. (The length of time before auto power off is set to "10min" when you purchase the IC recorder.)
- If the sleep timer is set, the IC recorder will turn off automatically when the duration of time set for the sleep timer has elapsed.
- When you turn the power on again within 4 hours after the last time you turned the power off, the power will come on quickly.

[↑ Go to Page Top](#)**Related Topic**

- [Turning the power off](#)
- [Setting the time period for the IC recorder to turn off \(Auto Power Off\)](#)

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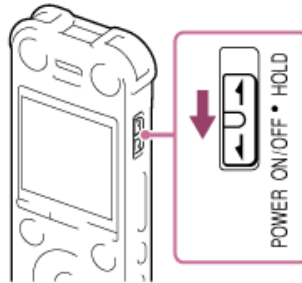
Announcements

Troubleshooting

List of Topics

Turning the power off

- Slide and hold the POWER ON/OFF•HOLD switch in the direction of "POWER ON/OFF" until the "Power Off" animation is displayed.
The IC recorder is turned off.



Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- When the IC recorder is in the stop mode, and you leave the IC recorder without attempting an operation for a certain length of time, the auto power off function will take effect. (The length of time before auto power off is set to "10min" when you purchase the IC recorder.)
- If the sleep timer is set, the IC recorder will turn off automatically when the duration of time set for the sleep timer has elapsed.

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Related Topic

- [Turning the power on](#)
- [Using the sleep timer \(Sleep Timer\)](#)
- [Setting the time period for the IC recorder to turn off \(Auto Power Off\)](#)

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Inserting a memory card

In addition to the built-in memory, you can record files on a memory card.

Note

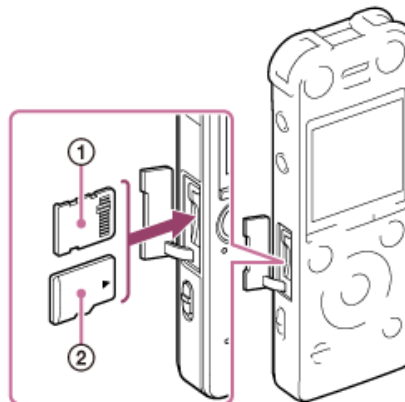
- In this Help Guide, M2™ and microSD cards are generally referred to as a “memory card.” The M2™/microSD card slot is referred to as the “memory card slot.”

1. In the stop mode, open the cover of the memory card slot.



2. Insert a memory card securely to the end of the slot until it clicks into place, as described below.

- ①: Insert an M2™ with the terminal side facing toward you.
- ②: Insert a microSD card with the label side facing toward you.



3. Close the cover of the memory card slot.
“Change to Memory Card?” appears on the display.
4. Press ▲ or ▼ to select “Yes” or “No,” and then press ►.

Note

- If a memory card is not recognized, remove it and then insert it into the IC recorder again.
- Do not insert any liquid, metal, flammable or any object other than a memory card into the memory card slot. Doing so may cause fire, electric shock, or malfunctions.
- Before recording, we recommend that you copy all the data stored on the memory

card to your computer and format the memory card on the IC recorder so it contains no data.

- If you insert a memory card while the IC recorder is turned off, you can select the memory to be used with “Select Memory” in the menu when you turn the IC recorder on the next time.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- To remove the memory card, push the memory card into the slot. When it pops out, remove it from the memory card slot.

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Related Topic

- [Formatting the memory \(Format\)](#)
- [Selecting the memory using the menu \(Select Memory\)](#)
- [Structure of folders and files](#)
- [About compatible memory cards](#)

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Selecting the memory

You can switch the memory between the built-in memory and a memory card using the folder selection window.

1. Press  (folder).
The folder selection window is displayed.
2. Press , and then press  or  to select the  or  tab.
 (Built-in memory) or  (memory card) tab will appear when you insert a memory card into the IC recorder.
3. Press .
4. Press  or  to select "Built-In Memory" or "Memory Card," and then press .



The tab icon is changed to those of the selected memory,  or .

5. Press  STOP to return to the stop mode display.

Hint

- You can switch the memory using the menu. Select MENU - the  tab - "Select Memory" to switch the memory.
- If the memory card has not been formatted, switch the memory using the "Select Memory" menu, and then select MENU - the  tab - "Format" to format the memory card.

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Related Topic

- [Inserting a memory card](#)
- [Selecting the memory using the menu \(Select Memory\)](#)
- [Formatting the memory \(Format\)](#)

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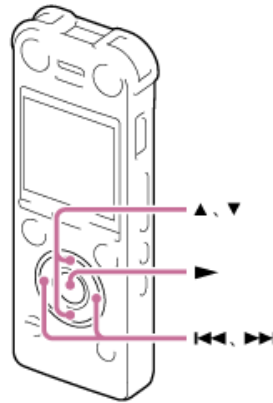
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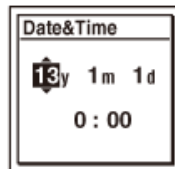
List of Topics

Setting the clock

You need to set the clock to use the alarm function or record the date and time. When the clock is not set, the “Set Date&Time” animation appears, and then the confirmation display (“Set Date&Time?”) appears.



1. While the “Set Date&Time?” message is displayed, press ▲ or ▼ to select “Yes,” and then press ▶.
The clock setting display appears and the year section begins to flash.
2. Set year, month, day, hour and minute.
Press ▲ or ▼ to set the year (the last two digits of the year), and then press ▶.
Repeat this procedure to set month, day, hour, and minute in sequence. You can move the cursor to the year, month, day, hour and minute by pressing ◀▶ or ▶▶.
When you set the minute and press ▶, the clock reflects the setting.



When you finish setting the clock, the display window returns to the stop mode display.

Note

- If you do not press ▶ within 1 minute of entering the clock setting data, the clock setting mode is canceled and the window will return to the display of the stop mode.
- The time is displayed either in 12-Hour with “AM” or “PM,” or in 24-Hour, depending on the “Time Display” setting in the menu. The default setting differs depending on the country or region you purchased the IC recorder.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons

and controls used for operations are the same.

Hint

- If you set the HOLD function to on while the IC recorder is stopped, the current time will be displayed.
- You can set the clock using the menu as well.

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Related Topic

- [Setting the clock using the menu](#)
- [Selecting the clock display \(Time Display\)](#)

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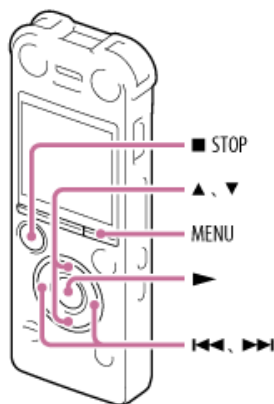
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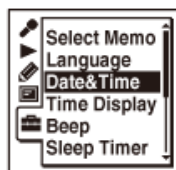
List of Topics

Setting the clock using the menu

While the IC recorder is stopped, you can set the clock using the menu.



1. Select MENU - the  tab - "Date&Time," and then press .



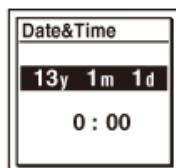
2. Press  or  to select "Auto(Synchronizing)" or "Manual," and then press .



When you select "Auto(Synchronizing)," the clock is automatically adjusted using the clock in the computer connected to the IC recorder and on which the Sound Organizer software is started.

When you select "Manual," proceed to the next steps.

3. Press  or  to select "13y1m1d," and then press .



4. Set year, month, day, hour and minute.

Press  or  to set the year (the last two digits of the year), and then press . Repeat this procedure to set month, day, hour, and minute in sequence. You can move the cursor to the year, month, day, hour and minute by pressing

⏮ and ⏭.

When you set the minute and press ⏭, “Executing...” appears, and then “Setting Completed” is displayed and the clock reflects the setting.

5. Press ■ STOP to exit the menu mode.

Note

- If you do not press ⏭ within 1 minute of entering the clock setting data, the clock setting mode is canceled and the window will return to the display of the stop mode.
- The time is displayed either in 12-Hour with “AM” or “PM,” or in 24-Hour, depending on the “Time Display” setting in the menu. The default setting differs depending on the country or region you purchased the IC recorder.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- If you set the HOLD function to on while the IC recorder is stopped, the current time will be displayed.

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Related Topic

- [Selecting the clock display \(Time Display\)](#)

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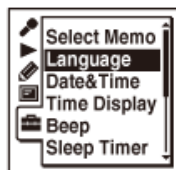
Troubleshooting

List of Topics

Setting the display language

You can select the language to be used for messages, menus, folder names, file names, etc.

1. Select MENU - the  tab - "Language," and then press .



2. Press  or  to select the language that you want to use, and then press .
- You can select the language from Deutsch (German), English, Español (Spanish), Français (French), Italiano (Italian), Русский (Russian), 한국어 (Korean), 繁體中文 (Chinese), 简体中文 (Chinese), ไทย (Thai).
3. Press  STOP to return to the stop mode display.

Note

- Number of language options you can select and the default setting differ depending on the country or region you purchased your IC recorder.

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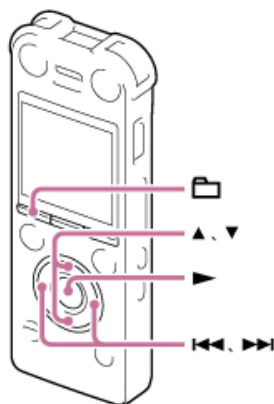
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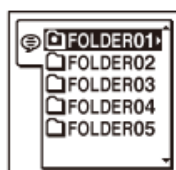
List of Topics

Selecting a folder and a file

You can select a folder and a file for recording, playing or editing.

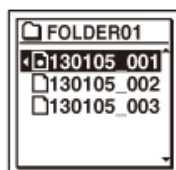


1. In the stop mode and the playback mode, press  (folder).
The folder selection window is displayed.
2. Select a folder.
Press  or  to select the desired folder, and then press .
To display the files contained in the selected folder, press  or  to select the folder, and then press .



When you purchase the IC recorder, there are 5 folders already available (FOLDER01-05).

3. Select a file.
When the file selection window is displayed, press  or  to select the desired file, and then press .
When the stop mode window is displayed, you can switch files by pressing  and .



Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons

and controls used for operations are the same.

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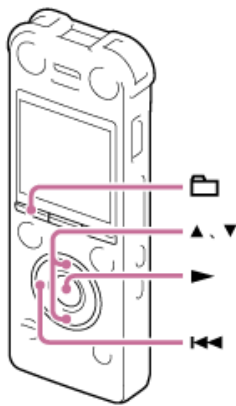
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Selecting a tab

The recordable area and the playback-only area of folders stored on the IC recorder are managed separately, and are displayed with tabs.



1. Press  (folder).
The folder selection window is displayed.
2. Press , and then press  or  to select the , , , or  tab.
Only the  tab is displayed when you purchase the IC recorder. The  tab and the  tab will be displayed when you transfer files from your computer. The  tab is displayed when a memory card is inserted. When the memory card is selected as the memory to be used, the  tab will be displayed.



3. Press .
The folders contained in the selected tab are displayed.
4. Select a folder and a file.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Related Topic

Selecting a folder and a file

- [Playing back music files copied from your computer using the IC recorder](#)

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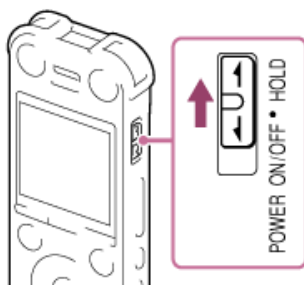
Troubleshooting

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Preventing unintentional operations (HOLD)

You can disable all the buttons (HOLD) in order to prevent unintentional operations when you carry the IC recorder, etc.

1. Slide the POWER ON/OFF•HOLD switch in the direction of “HOLD” to disable the buttons while the power is on.



“HOLD” and current time appear for approximately 3 seconds, indicating that all the button operations are disabled.



Note

- When the HOLD function is activated during recording, all button operations are disabled. To stop recording, cancel the HOLD function first.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- Even if the HOLD function is activated, you can stop the alarm playback by pressing any button. (You cannot stop normal playback.)
- The clock display (12 hour-clock or 24 hour-clock) can be changed using “Time Display” in the menu. (e.g., 12:00 (24 hour-clock) / 12:00 PM (12 hour-clock))

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Related Topic

- [Releasing the HOLD function](#)

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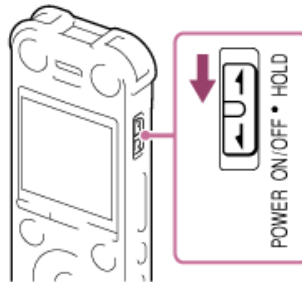
Releasing the HOLD function

If you operate buttons on the IC recorder when the HOLD function is set, "HOLD. Slide HOLD Switch to Activate." appears on the display.



Release the HOLD function when you operate the IC recorder.

1. Slide the POWER ON/OFF•HOLD switch towards the center.



Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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Related Topic

- [Preventing unintentional operations \(HOLD\)](#)

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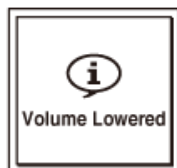
Maintaining the moderate volume level (European models only)

The IC recorder limits the maximum volume to allow you to listen to the sound at a moderate volume level when using the headphones. When you try to adjust the volume to a level that exceeds the specified level, the “Check The Volume Level” message appears.



Note

- The volume is lowered automatically and the “Volume Lowered” message appears, if you do not lower the volume for the specified period of time after the “Check The Volume Level” message appears.

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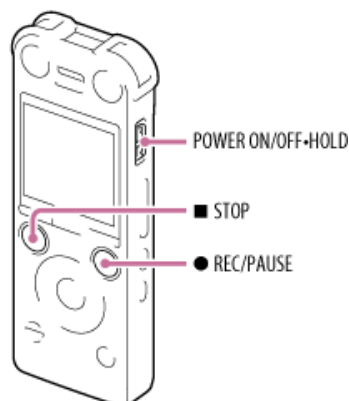
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Recording sound from the built-in microphones – AGC recording

The following steps are the basic recording procedures using the specified sensitivity setting and recording mode.



Note

- Noise may be recorded if an object, such as your finger, etc., accidentally rubs or scratches the IC recorder during recording.

Hint

- Before you start recording, we recommend you make a trial recording first, or monitor the recording.

- Slide the POWER ON/OFF•HOLD switch in the direction of "POWER ON/OFF" to turn on the IC recorder, or towards the center to release the IC recorder from the HOLD status.

The stop mode window appears.



- Select the desired folder.
- Place the IC recorder so that the built-in microphones (①) face the direction of the source to be recorded.

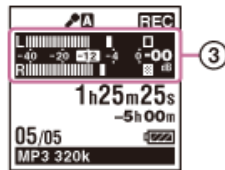




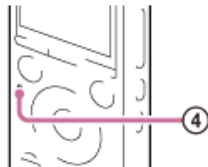
4. Press **● REC/PAUSE** in the stop mode.
The recording lamp (②) lights in red.



You do not need to press and hold **● REC/PAUSE** while recording.
The new file will be automatically recorded as the last file in the current folder.
During recording, the peak meter (③) is displayed.



5. Press **■ STOP** to stop recording.
The access lamp (④) flashes in orange and the IC recorder stops at the beginning of the current recording file.



Note

- The IC recorder is recording data and storing it on the memory media when the access lamp is flashing in orange. While the IC recorder is accessing data, do not remove the battery or connect or disconnect the USB AC adaptor (not supplied). Doing so may damage the data.
- If the file recorded exceeds the maximum file size (2 GB for an LPCM file or 1 GB for an MP3 file) during recording, the file will be divided.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- You can record up to 199 files in each folder.
- When a memory card has been inserted, you can continue recording a file by changing the location of the folder used to store the file from the built-in memory to the memory card automatically after the built-in memory is full (Cross-memory recording).

Related Topic

- [Turning the power on](#)
- [Releasing the HOLD function](#)
- [Peak meter for the recording level](#)
- [Various operations while recording](#)
- [Switching the directionality of the built-in microphones](#)
- [Monitoring sound while recording](#)

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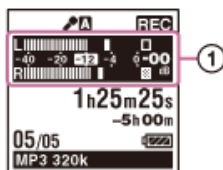
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Peak meter for the recording level

During the AGC recording, the peak meter used to adjust the recording level (①) is displayed.



The upper meter shows the current input level. The white bar in the lower meter shows the optimum input level for recording.

Please adjust the orientation of the built-in microphones, the distance from the sound source, the sensitivity setting of the microphones, or the Scene Select setting so that the level is closer to -12 dB, which fits within the lower optimum range, as illustrated.

In manual recording, the level meter colors are reversed.

Recording sound using the built-in stereo microphones

The “L” and “R” meters show the current input level from the built-in stereo microphones.



Recording sound using the built-in zoom microphones

The “Z” meter shows the current input level from the built-in zoom microphone.



Hint

- If the input level is low, we recommend that you place the IC recorder nearer to the sound source or set the input sensitivity higher.

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Related Topic

- [Recording sound from the built-in microphones – AGC recording](#)
- [Recording sound manually](#)
- [Switching the directionality of the built-in microphones](#)
- [Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)

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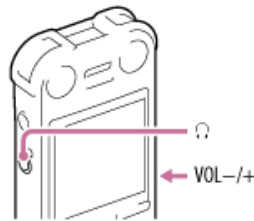
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Monitoring sound while recording

If you connect the supplied stereo headphones to the  (headphones) jack, you can monitor the recording.



1. Connect the supplied stereo headphones to the  (headphones) jack.
2. Press VOL -/+ to adjust the monitoring volume.
Monitoring volume does not affect to the recording level.

Note

- When the cord of the headphones touches the IC recorder while you are monitoring the recording, the IC recorder may record a rustling noise. The rustling noise can be reduced by holding the cord away from the IC recorder.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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Related Topic

- [Recording sound from the built-in microphones – AGC recording](#)

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Various operations while recording

You can perform the following operations while recording.

To pause recording

Press REC/PAUSE.

During recording pause, the recording lamp flashes in red and “ ” begins to flash in the display window.

(An hour after you pause recording, recording pause is automatically released and the IC recorder enters the stop mode.)

To release pause and resume recording

Press REC/PAUSE again.

Recording resumes from that point. (To stop recording after pausing recording, press STOP.)

To review the current recording instantly

Press .

Recording stops and playback starts from the beginning of the file just recorded. (You cannot select this function in the manual recording mode.)

To review during recording

Press and hold during recording or recording pause.

Recording stops and you can search backwards while listening to fast playback sound. After you release , playback starts from that point.

(You cannot select this function in the manual recording mode.)

Hint

- You can make new folders or erase unwanted folders using the Sound Organizer software.
- You can record up to 199 files in each folder.
- When a memory card has been inserted, you can continue recording a file by changing the location of the folder used to store the file from the built-in memory to the memory card automatically after the built-in memory is full (Cross-memory recording).

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Related Topic

- [Recording sound from the built-in microphones – AGC recording](#)
- [Recording across memory media – cross-memory recording](#)
- [The Sound Organizer window \(for Windows only\)](#)

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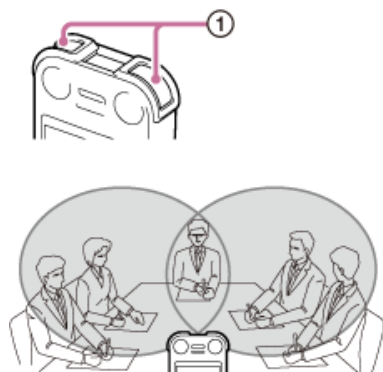
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Directionality of the built-in microphones

The IC recorder has two types of built-in microphones, stereo microphones and a zoom microphone. You can switch these two built-in microphones depending on the recording situation. The built-in microphones can be switched using the menu.

Using the built-in stereo microphones



The IC recorder records sound from both the left and the right, using the built-in stereo microphones (L/R) (①). You can obtain dynamic stereo sound recording. Therefore, using the built-in stereo microphones is recommended for recording a complicated sound source, such as a conference, a musical performance, etc.

Using the built-in zoom microphone



The IC recorder records the sound from the direction you point it out, using the built-in zoom microphone (②). This is convenient when you want to record a sound source from a particular direction, such as when recording a voice memo, an interview, etc.

When using the built-in zoom microphone, the IC recorder records monaural sound.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons

and controls used for operations are the same.

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Related Topic

- [Switching the directionality of the built-in microphones](#)

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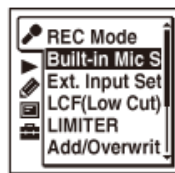
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Switching the directionality of the built-in microphones

You can switch the type of built-in microphone (stereo microphones and zoom microphone). Furthermore, you can set the sensitivity of the microphone you select.

1. In the stop mode or recording mode, select MENU - the  tab - "Built-in Mic Setting," and then press .



The built-in microphone setting display appears.

2. Press  or  to select the item you want to set, and then press .
 - If you intend to switch the microphone to be used, and do not set the microphone sensitivity:
Select "Stereo Mic." or "Zoom Mic." When you press , the microphone switches to the one you have selected. In this case, proceed to step 5 to exit the menu mode.
 - If you intend to change the microphone sensitivity:
Select the "Sensitivity setting" item that is displayed under "Stereo Mic." or "Zoom Mic." When you press , the microphone sensitivity setting display appears. In this case, proceed to step 3.
3. Press  or  to select the item you want to set, and then press .
 - If you select "Sensitivity setting" for "Stereo Mic.":
You can select from "For Voice," "For Music," or "Manual."
If you select "For Voice" or "For Music," you can select the sensitivity level. In this case, proceed to step 4.
If you select "Manual," the setting process is complete and the "Built-in Mic Setting" display appears again. In this case, proceed to step 5.
 - If you select "Sensitivity setting" for "Zoom Mic.":
You can select from "For Voice" or "Manual."
If you select "For Voice," you can select the zoom level. In this case, proceed to step 4.
If you select "Manual," the setting process is complete and the "Built-in Mic Setting" display appears again. In this case, proceed to step 5.
4. Press  or  to select the sensitivity setting you want to set, and then press .

5. Press  STOP to exit the menu mode.

Sensitivity settings for “Stereo Mic.”

You can select one of the menu items available.

For Voice:

You can select one of the following items for recording voices.

-  Auto: The microphone sensitivity is set automatically to the appropriate recording level for the input sound. (Initial setting)
-  High: To record sound far away from the IC recorder or low sound, such as when recording in a spacious room.
-  Medium: To record the sound of a normal conversation or meeting, such as when recording in a meeting space or during an interview.
-  Low: To record dictation with the microphone held in front of your mouth, sound near the IC recorder, or loud sound.

For Music:

You can select one of the following items for recording music.

-  High(Music): To record small groups, for example, a chorus, small (soft) sounds, or a musical instrument that is played some distance away from the IC recorder.
-  Low(Music): To record loud sounds, such as that of a band or singing practice.
(Initial setting)

Manual:

During manual recording, you can adjust the recording level manually.

Sensitivity settings for “Zoom Mic.”

You can select one of the menu items available.

For Voice:

You can select one of the following settings for recording voices.

-  Zoom3: To record small sounds far from the IC recorder, such as when zooming the voice of a person in a big conference room.
-  Zoom2: To record the voice of a person close to you, such as when recording an interview.
(Initial setting)
-  Zoom1: To record your own voice while holding the IC recorder close to your mouth, such as when recording a voice note.

Manual:

During manual recording, you can adjust the recording level manually.

Note

- When using the built-in zoom microphone, the IC recorder records monaural sound.
- You cannot set the microphone sensitivity when the Scene Select function has been set. Set the Scene Select function to “Scene Select Off” before setting the sensitivity.
- Menu items set for “Built-in Mic Setting” will not function if an external microphone or an external equipment is connected to the  (microphone) jack of the IC recorder.

Related Topic

- [Directionality of the built-in microphones](#)
- [Recording sound manually](#)

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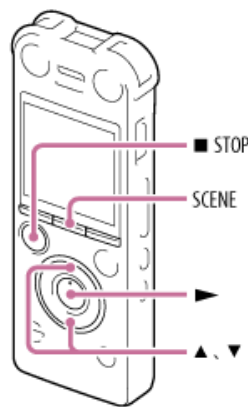
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Selecting a recording scene for each situation

According to various recording scene, you can change the items for recording, such as "REC Mode", "Sensitivity setting," etc., to the recommended settings in bulk (Scene Select).

You can store your favorite recording settings for "My Scene 1" and "My Scene 2." Select "Scene Select Off" first, change the recording settings ("REC Mode," "Sensitivity setting" for "Built-in Mic Setting" (*)/ "Ext. Input Setting" (*), "LCF(Low Cut)," "LIMITER," and "VOR") to your desired settings, and then perform the following operations.

* In the Scene Select function, the setting values (the input type setting and the sensitivity setting) set for either the "Built-in Mic Setting" or "Ext. Input Setting" are used.



1. In the stop mode, press SCENE.
2. Press  or  to select a scene you want, and then press .



3. Press  STOP to exit the menu mode.

Descriptions of Scene Select items

You can select one of the Scene Select items available.

Scene Select Off:

To turn off the Scene Select function.

(Initial setting)

Auto Voice Rec:

To record voices.

Meeting:

To record in a variety of situations, such as recording in a spacious conference room.

Lecture:

To record seminars or lectures.

Voice Notes:

To record dictation with a microphone in front of your mouth.

Interview:

To record human voice at a distance of 1 to 2 meters (40 in. to 80 in.).

Music:

To record chorus lessons or musical instruments, such as an acoustic guitar, a piano, or a violin, at a distance of 2 to 3 meters (80 in. to 120 in.).

My Scene 1:

Use to keep your favorite recording settings, such as “REC Mode” and “Sensitivity setting.”

My Scene 2:

Use to keep your favorite recording settings, such as “REC Mode” and “Sensitivity setting.”

Note

- The “Auto Voice Rec” setting is designed especially for recording human voices (audio). However, if an unexpected loud sound is input, such as sneezing or laughing during a quiet conversation, the sound recorded may be distorted.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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Related Topic

- [Settings for the Scene Select function](#)
- [Registering recording settings in “My Scene”](#)

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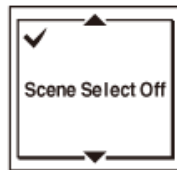
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Registering recording settings in “My Scene”

You can register recording settings you want to use in “My Scene 1” or “My Scene 2” in the Scene Select setting.

1. Press SCENE to enter the scene selection display, and then select “Scene Select Off.”



2. Set the following recording menu items to the setting you want to use.
You can set “REC Mode,” “Sensitivity setting” for “Built-in Mic Setting” / “Ext. Input Setting,” “LCF(Low Cut),” “LIMITER,” and “VOR.”
3. Press SCENE to enter the scene selection display, and then select “My Scene 1” or “My Scene 2,” and then press .
4. Press  or  to select “Copy Current Settings,” and then press .
“Copy Current Recording Setting?” appears on the display.
5. Press  or  to select “Execute,” and then press .

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Related Topic

- [Selecting a recording scene for each situation](#)
- [Settings for the Scene Select function](#)
- [Selecting the recording mode \(REC Mode\)](#)
- [Reducing noise when recording \(LCF\(Low Cut\)\)](#)
- [Starting to record automatically in response to sound – the VOR function](#)

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Recording at a meeting

By placing the IC recorder on a handkerchief or on the supplied stand, you can record with clear, low-noise sound, without vibration noise from the desk.

When you use the Scene Select function, select “Auto Voice Rec” or “Meeting.”



Recording a voice note

By placing the IC recorder close to one side of your mouth, you can prevent breathing on the built-in microphones, and record with clear sound.

When you use the Scene Select function, select “Auto Voice Rec” or “Voice Notes.”

Note

- When you record while holding the IC recorder on your hand, be careful not to record any rustling noises which may be recorded when you touch the IC recorder.



Recording an interview

Place the IC recorder so that the built-in microphones face the interviewee.

When you use the Scene Select function, select “Auto Voice Rec” or “Interview.”



Recording a music performance

You can obtain dynamic stereo recording.

When you record a music performance, place the IC recorder close to the musical instruments.

If you record a piano performance, for example, make sure not to place the IC recorder on the piano, otherwise the vibration from the piano may be recorded as well.

If the sound distortion occur when you place the IC recorder close to a musical instruments, set the “Sensitivity setting” item for “Built-in Mic Setting” / “Ext. Input Setting” in the menu to “For Music,” and then select the “🎵Low(Music)” item from the list. In this way, you can record the sound more clearly.

By attaching a tripod (not supplied), you can adjust the angle of the IC recorder and the built-in microphones more precisely.

When you use the Scene Select function, select “Music.”

You can also create your own CDs using the Sound Organizer software.



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Settings for the Scene Select function

The setting items for the Scene Select function are set as follows.

Auto Voice Rec

REC Mode: MP3 192kbps

Built-in Mic Setting ("Sensitivity setting" for "Stereo Mic."): For Voice -  **A**Auto

LCF(Low Cut): ON

LIMITER: OFF

VOR: OFF

Meeting

REC Mode: MP3 192kbps

Built-in Mic Setting ("Sensitivity setting" for "Stereo Mic."): For Voice -  **Medium**

LCF(Low Cut): ON

LIMITER: OFF

VOR: OFF

Lecture

REC Mode: MP3 192kbps

Built-in Mic Setting ("Sensitivity setting" for "Zoom Mic."): For Voice -  **Zoom3**

LCF(Low Cut): ON

LIMITER: OFF

VOR: OFF

Voice Notes

REC Mode: MP3 128kbps

Built-in Mic Setting ("Sensitivity setting" for "Zoom Mic."): For Voice -  **Zoom1**

LCF(Low Cut): ON

LIMITER: OFF

VOR: OFF

Interview

REC Mode: MP3 192kbps

Built-in Mic Setting ("Sensitivity setting" for "Zoom Mic."): For Voice -  **Zoom2**

LCF(Low Cut): ON

LIMITER: OFF

VOR: OFF

Music

REC Mode: LPCM 44.1kHz/16bit

Built-in Mic Setting ("Sensitivity setting" for "Stereo Mic."): For Music -  **Low(Music)**

LCF(Low Cut): OFF

LIMITER: OFF

VOR: OFF

My Scene 1 (Initial setting)

REC Mode: LPCM 44.1kHz/16bit

Built-in Mic Setting ("Sensitivity setting" for "Stereo Mic." / "Zoom Mic."): Manual
LCF(Low Cut): OFF
LIMITER: ON
VOR: OFF

My Scene 2 (Initial setting)

REC Mode: LPCM 44.1kHz/16bit

Built-in Mic Setting ("Sensitivity setting" for "Stereo Mic." / "Zoom Mic."): Manual

LCF(Low Cut): OFF

LIMITER: ON

VOR: OFF

Note

- The value for the "Built-in Mic Setting" shown above is the initial setting in effect when you select either "Stereo Mic." or "Zoom Mic."

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Related Topic

- [Selecting a recording scene for each situation](#)

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Recording sound manually

When you set the “Sensitivity setting” item for “Built-in Mic Setting”/“Ext. Input Setting” to “Manual,” you can adjust the recording level manually, according to the sound source. If necessary, you can also utilize the “LIMITER” setting in the menu to reduce sound distortion.

1. Do one of the following:

- When recording using the built-in stereo microphone
Select MENU - “Built-in Mic Setting” - “Sensitivity setting” of “Stereo Mic.” - “Manual.”
- When recording using the built-in zoom microphone
Select MENU - “Built-in Mic Setting” - “Sensitivity setting” of “Zoom Mic.” - “Manual.”
- When recording using an external microphone
Select MENU - “Ext. Input Setting” - “Sensitivity setting” of “MIC IN” - “Manual.”
- When recording from an external device
Select MENU - “Ext. Input Setting” - “Sensitivity setting” of “Audio IN” - “**MNL** Manual.”

2. Select a folder.



3. Turn the microphones in the direction of the source to be recorded.

4. Press and hold REC/PAUSE.

The IC recorder enters the recording standby mode. When the microphones pick up sound, the level meter in the display window moves.



5. Press or to adjust the recording level, depending on the sound source. You can check the recording level value with the peak meter of the display window. Adjust the level closer to -12 dB, into a range that is appropriate for your sound source(①).

When the recording level is too high, **OVER** appears (②) and the peak lamp (ICD-SX1000 only) lights up. In this case, press to adjust the recording

level downward until **OVER** disappears and the peak lamp (ICD-SX1000 only) turns off, to prevent sound distortion.



Press and hold **◀◀** or **▶▶** to change the recording level value continuously. The sound level is also displayed as a number at the right side of the level meter.

6. Make other settings according to the state of recording.

If necessary, utilize the “LIMITER” setting in the menu.

7. To start recording, press **●** REC/PAUSE.

8. To stop recording, press **■** STOP.

Note

- In the manual recording mode, you cannot record with the VOR function.
- In the manual recording mode, you cannot review the current recording, even if you press **▶**.

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Related Topic

- [Selecting a folder and a file](#)
- [Adjusting the input level of loud sound automatically \(LIMITER\)](#)
- [Starting to record automatically in response to sound – the VOR function](#)

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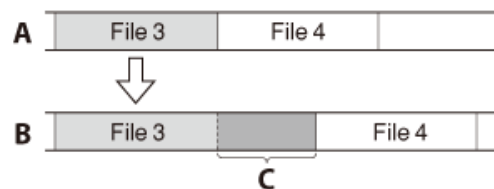
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Adding a new segment to a previously recorded file

When “Add/Overwrite” in the menu is set to “Add,” you can add a new segment to the file being played back. The added segment will be placed after the current file, and will be counted as a part of the file.

Select the file to which you want to add a segment first.



A: During playback of file 3

B: After adding a new segment

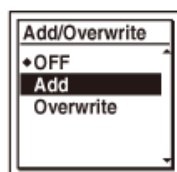
C: Added segment

1. In the stop mode, select MENU - the tab - “Add/Overwrite,” and then press



The menu items will be different depending on the model you are using.

2. Press or to select “Add,” and then press .



“Add/Overwrite” is set to “OFF” when you purchase the IC recorder.

3. Press STOP to exit the menu mode.
4. When the file to be added is played back press REC/PAUSE.
“Add REC?” will be displayed.
5. While “Add REC?” is displayed, press REC/PAUSE.
The recording lamp will turn red.
Then recording starts.
6. To stop recording, press STOP.

Note

- You cannot add a segment when the file has reached the maximum size limit (2 GB with LPCM files and 1 GB with MP3 files).

- You cannot add a segment to an LPCM file or an MP3 file that was not recorded using the IC recorder. Moreover, when you edit files using the Sound Organizer software, adding a segment to the files may not be possible.
- The recording mode of an additional recording is the same as the added file.
- If 10 minutes have passed after step 4, you must start the procedure again from step 4.
- The pre-recording function cannot be used together with this function.
- You cannot add a new segment while using the synchronized recording function.
- You cannot add a new segment to a protected file.

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Related Topic

- [Selecting a folder and a file](#)

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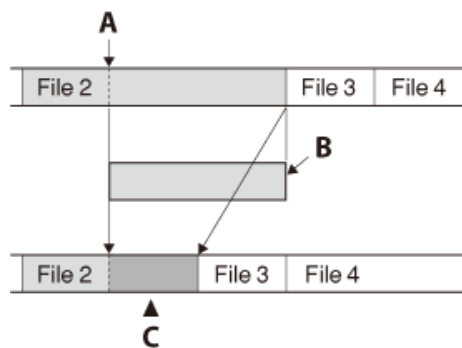
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Adding an overwrite recording during playback

When “Add/Overwrite” in the menu is set to “Overwrite,” you can add an overwrite recording after a selected point in a recorded file. The part of the file after the selected point is erased.

Select the file to which you want to add an overwrite recording first.



A: The starting point of an overwrite recording

B: The erased part of File 2

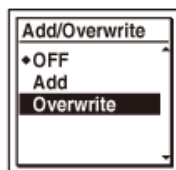
C: Added overwrite recording in File 2

1. In the stop mode, select MENU - the tab - “Add/Overwrite,” and then press .



The menu items will be different depending on the model you are using.

2. Press or to select “Overwrite,” and then press .



“Add/Overwrite” is set to “OFF” when you purchase the IC recorder.

3. Press STOP to exit the menu mode.
4. When the file to be added is played back, press REC/PAUSE at the position where you want to overwrite the file.
“Overwrite REC?” will be displayed.
5. While “Overwrite REC?” is displayed, press REC/PAUSE.
The recording lamp will turn red.
Then recording starts.

6. To stop recording, press ■ STOP.

Note

- You cannot add an overwrite recording to an MP3 file when the file has reached the maximum size limit (1 GB). You can add an overwrite recording to an LPCM file, even if the file has reached the maximum size limit (2 GB), when the beginning of the point to be overwritten has not reached the maximum size limit.
- You cannot add an overwrite recording to an LPCM file or MP3 file which was not recorded using the IC recorder. Moreover, when you edit files using the Sound Organizer software, adding an overwrite recording to the files may not be possible.
- The recording mode of an additional overwrite recording is the same as the added file.
- If 10 minutes have passed after step 4, you must start the procedure again from step 4.
- The pre-recording function cannot be used together with this function.
- You cannot overwrite a file while using the synchronized recording function.
- You cannot overwrite a protected file.

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Related Topic

- [Selecting a folder and a file](#)

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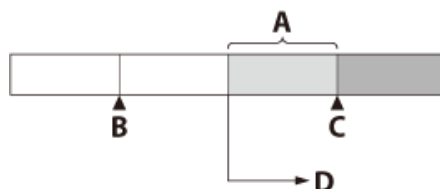
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Recording a few seconds in advance – the pre-recording function

The pre-recording function allows you to record sound sources for approximately 5 seconds prior to the point when you press **● REC/PAUSE**. This is useful for recording during interviews or when making an open-air recording so that you will not miss an opportunity to start recording.



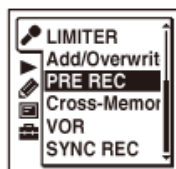
A: Sounds for 5 seconds are buffered in the memory.

B: Press **● REC/PAUSE** to enter the recording standby mode.

C: Press **● REC/PAUSE**.

D: Recording starts.

1. In the stop mode, select MENU - the tab - "PRE REC," and then press .

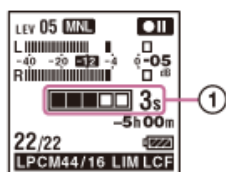


The menu items will be different depending on the model you are using.

2. Press or to select "ON," and then press .
- "PRE REC" is set to "OFF" when you purchase the IC recorder.
3. Press STOP to exit the menu mode.
4. Select a folder.
5. Press and hold **● REC/PAUSE**.

The IC recorder enters the recording standby mode.

Pre-recording starts and sounds for a maximum of the last 5 seconds are buffered in the memory. (① shows how long the sound is buffered in the memory.)



6. To start recording, press **● REC/PAUSE**.

The standby for recording mode is released, and recording continues from the sound buffered in step 5.

7. To stop recording, press ■ STOP.

Note

- If you start recording with pre-recording function using the built-in microphones, a click noise may be recorded when you press ● REC/PAUSE. To record with pre-recording function, we recommend using an external microphone.
- When the remaining recordable time is less than 10 seconds, the pre-recording function is disabled. Before using the pre-recording function, erase unwanted files.
- When 60 minutes have passed after the IC recorder entered the standby mode in step 5, the standby mode will be canceled and recording stops.
- If you stop recording before step 6, sounds buffered in the memory will not be saved.

Hint

- To cancel the pre-recording function, set "PRE REC" to "OFF" in step 2.

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Related Topic

- [Selecting a folder and a file](#)

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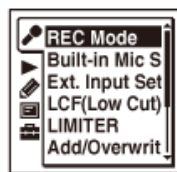
Recording one sound source to two files - the dual-recording function (ICD-SX1000 only)

You can create both LPCM and MP3 files in one recording session.

Note

- If recording the two new files exceeds the maximum number of files that can be saved as a result of the dual recording, the recording will not start.

1. In the stop mode, select MENU - the  tab - "REC Mode," and then press .



2. Press  or  to select "Edit" under "Dual Recording," and then press .
3. Press  or  to select "LPCM," and then press .
4. Press  or  to select the bit rate you want for LPCM, and then press . When you press , the previous display appears again.
5. Press  or  to select "MP3," and then press .
6. Press  or  to select the bit rate you want for MP3, and then press .
7. Press  or  to select "Edit Complete," and then press .
8. Press  STOP to exit the menu mode.

Descriptions of menu items (LPCM)

You can select one of the following bit rates when you select "LPCM."

LPCM 96kHz/24bit

LPCM (not compressed) in stereo high-quality recording mode
(The sound quality is higher than with LPCM 44.1kHz/16bit mode.)

LPCM 44.1kHz/16bit

LPCM (not compressed) in stereo high-quality recording mode
(The sound quality is equivalent to that of CDs.) (Initial setting)

Descriptions of menu items (MP3)

You can select one of the following bit rates when you select "MP3."

MP3 320kbps

MP3 (compressed) in stereo high-quality recording mode
(Initial setting)

MP3 192kbps

MP3 (compressed) in stereo standard-quality recording mode

MP3 128kbps

MP3 (compressed) in long play stereo recording mode

MP3 48kbps(MONO)

MP3 (compressed) in monaural standard recording mode

Note

- If either one of the files created exceeds the maximum file size (2 GB for an LPCM file and 1 GB for an MP3 file) during recording, both the LPCM and MP3 files will be divided at the same time.
- The IC recorder adds the same name to both the LPCM and MP3 files at the beginning of the dual recording, however, when the files are divided during recording, different file names may be added to the LPCM and the MP3 files, depending on the file names of the files already stored in the IC recorder.

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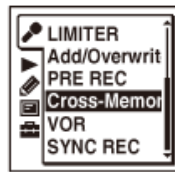
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Recording across memory media – cross-memory recording

When the memory media currently being used becomes full during recording, the IC recorder automatically switches its destination to the other memory media and continues recording (Cross-memory recording).

1. Select MENU - the  tab - “Cross-Memory REC,” and then press .



The menu items will be different depending on the model you are using.

2. Press  or  to select “ON,” and then press .
- “Cross-Memory REC” is set to “OFF” when you purchase the IC recorder.
3. Press  STOP to exit the menu mode.

When the current memory media becomes full during recording, the “Continue REC in Other Memory” animation appears in the display window. Recording continues as a new file in a recordable folder of the smallest folder number available for the other memory media.

A new file created with a new file name.

Note

- If the other memory media is also full, a message is displayed and the IC recorder stops recording.
- When you play back the original file recorded with cross-memory recording, the IC recorder does not play the succeeding file automatically.
- Before attempting cross-memory recording, check to see if the IC recorder can switch the memory media to “Memory Card” in advance.
- Cross-memory recording will not work if you insert a memory card into the IC recorder during recording.
- When you are recording files with cross-memory recording, the sound may be partially interrupted after the memory media has been switched.

Hint

- To cancel cross-memory recording, set “Cross-Memory REC” to “OFF” in step 2

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Related Topic

- [Selecting the memory using the menu \(Select Memory\)](#)

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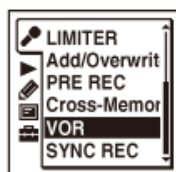
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Starting to record automatically in response to sound – the VOR function

You can set the VOR (Voice Operated Recording) function to “ON,” to make the IC recorder start recording when the IC recorder detects sound, and pause when no sound is heard, eliminating recording during soundless periods.

1. Select MENU - the tab - “VOR,” and then press .



The menu items will be different depending on the model you are using.

2. Press or to select “ON,” and then press .
3. Press STOP to exit the menu mode.

4. Press REC/PAUSE.
“**VORREC**” appears in the display window.

The recording pauses when no sound is detected and “**VOR** ” flashes. When the IC recorder detects sound again, the recording starts again.

Note

- The VOR function is affected by the sound around you. Set “Sensitivity setting” in the menu according to the recording conditions. If recording is not satisfactory after you have changed the sensitivity setting, or for an important recording, set “VOR” to “OFF” in the menu.
- During manual recording, pre-recording and synchronized recording, the VOR function does not work.
- You cannot set the VOR function when the Scene Select function has been set. Set the Scene Select function to “Scene Select Off” before setting “VOR.”

Hint

- To cancel the VOR function, set “VOR” to “OFF” in step 2.

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Related Topic

- [Recording sound manually](#)
- [Recording a few seconds in advance – the pre-recording function](#)
- [Recording from external equipment \(using the synchronized recording function\)](#)
- [Using the menu](#)

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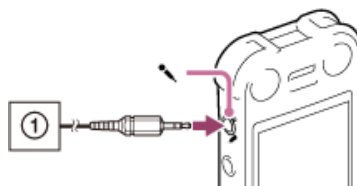
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Recording with an external microphone

You can record sound using an externally connected microphone.

1. Connect an external microphone (①) to the jack when the IC recorder is in the stop mode.



“Ext. Input Setting” appears in the display window. If “Ext. Input Setting” is not displayed, set it in the menu.

2. Press or to select “MIC IN,” and then press .
3. Press STOP to exit the menu mode.
4. Press REC/PAUSE to start recording.

The built-in microphones are automatically cut off.

If the input level is too high or too low, adjust it using the “Sensitivity setting” for “MIC IN” in the “Ext. Input Setting” menu.

When a plug in power type microphone is connected, power is automatically supplied to the microphone from the IC recorder.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- You can use a headphone-type electret condenser microphone (not supplied) to record sound from a telephone or a cell phone. For details on how to make the connection, refer to the operating instructions supplied with the microphone.
- You can set “Sensitivity setting” for “MIC IN” in step 2.

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Related Topic

- [Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)

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Recording from external equipment (using the synchronized recording function)

You can make music files without using the computer by recording sound/music from other equipment such as a radio cassette recorder, a tape recorder, etc. connected to the IC recorder.

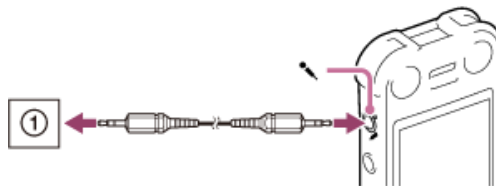
When the synchronized recording function is set to "ON," the IC recorder enters the recording pause mode when no sound is detected for more than 2 seconds. The IC recorder starts recording again as a new file when sound is detected.

Hint

- If the input level is not strong enough, connect the headphone jack (minijack, stereo) of other equipment to the (microphone) jack of the IC recorder and adjust the volume level on the piece of equipment connected to the IC recorder while checking the recording level guide. You can also adjust the input level using the "Sensitivity setting" for "Audio IN" in the "Ext. Input Setting" menu.

1. Connect a piece of external equipment (①) to the (microphone) jack of the IC recorder when the IC recorder is in the stop mode.

Connect the audio output connector (stereo mini-plug) of other equipment to the (microphone) jack of the IC recorder using an audio connecting cable (not supplied).

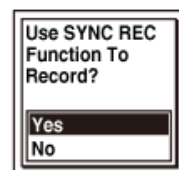


"Ext. Input Setting" appears in the display window.

If "Ext. Input Setting" is not displayed, set it in the menu.

2. Press or to select "Audio IN," and then press .

"Use SYNC REC Function To Record?" appears on the display.



3. Press or to select "Yes," and then press .

The synchronized recording setting is on. The synchronized recording setting is set to "OFF" when you purchase the IC recorder.

4. Press .

"**SYNC** II" flashes and the IC recorder enters the recording pause mode.

5. Start playback on the piece of equipment connected to the IC recorder.

"**SYNCREC**" appears on the display and synchronized recording starts.

When no sound is detected for more than 2 seconds, “Dividing...” appears and then “**SYNC**  ” begins to flash. The synchronized recording pauses. The IC recorder starts recording again as a new file when sound is detected.

Note

- When no sound is detected for more than 2 seconds, the IC recorder enters the recording pause mode.
When the sound is detected again, the IC recorder starts recording again in a new file. However, in this case, if the number of files will exceed the maximum number that can be saved in the folder or on the drive, the IC recorder will not create a new file, but will continue to record as a part of the current file.
- During synchronized recording, you cannot pause recording, record with the pre-recording function, record with the VOR function, record with the cross-memory recording function, and add a track mark.
- Depending on the piece of equipment connected to the IC recorder, the synchronized recording function may not operate properly due to a difference in the audio input level.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- You can set “Sensitivity setting” for “Audio IN” in step 2.
- You can also set the synchronized recording function from the menu. Select MENU - the  tab - “SYNC REC.”

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Related Topic

- [Recording the playback sound of the IC recorder on external equipment](#)
- [Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)
- [Recording without using the synchronized recording function](#)

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Recording without using the synchronized recording function

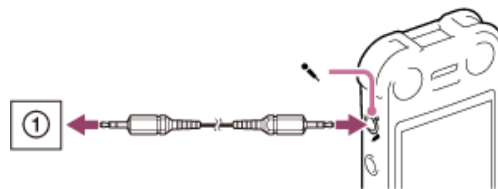
You can make music files without using the computer by recording sound/music from other equipment such as a radio cassette recorder, a tape recorder, etc. connected to the IC recorder.

Hint

- If the input level is not strong enough, connect the headphone jack (minijack, stereo) of other equipment to the (microphone) jack of the IC recorder and adjust the volume level on the piece of equipment connected to the IC recorder while checking the recording level guide. You can also adjust the input level using the "Sensitivity setting" for "Audio IN" in the "Ext. Input Setting" menu.

1. Connect a piece of external equipment (①) to the (microphone) jack of the IC recorder when the IC recorder is in the stop mode.

Connect the audio output connector (stereo mini-plug) of other equipment to the (microphone) jack of the IC recorder using an audio connecting cable (not supplied).



"Ext. Input Setting" appears in the display window.

If "Ext. Input Setting" is not displayed, set it in the menu.

2. Press or to select "Audio IN," and then press .
- "Use SYNC REC Function To Record?" appears on the display.
3. Press or to select "No," and then press .
- The synchronized recording is off. (The synchronized recording is set to "OFF" when you purchase the IC recorder.)
4. Press REC/PAUSE to start recording.
- The built-in microphones are automatically cut off and the sound from the connected piece of equipment is recorded. **REC** lights up in the display.
5. Start playback on the piece of equipment connected to the IC recorder.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- To stop recording, press STOP.

You can set “Sensitivity setting” for “Audio IN” in step 2.

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Related Topic

- [Recording the playback sound of the IC recorder on external equipment](#)
- [Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)
- [Recording from external equipment \(using the synchronized recording function\)](#)

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Recording the playback sound of the IC recorder on external equipment

You can record the playback sound of the IC recorder with an externally connected equipment.

Before you start recording, we recommend you make a trial recording first.

1. Connect an audio connecting cable (not supplied) to the  (headphones) jack of the IC recorder and to the external input terminal of other equipment.
2. Press  to start playback and at the same time set the connected equipment to the recording mode.
A file from the IC recorder will be recorded on the equipment connected.
3. Press  STOP on the IC recorder and the connected equipment at the same time to stop recording.

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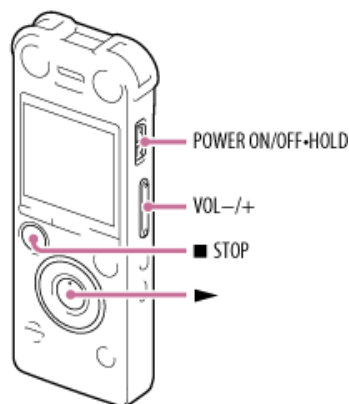
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Playing back the recorded sound



1. Slide the POWER ON/OFF•HOLD switch in the direction of "POWER ON/OFF" to turn on the IC recorder, or towards the center to release the IC recorder from the HOLD status.
The stop mode window appears.
2. Select the desired file to be played back.
If you do not select a file, the file just recorded will be played back.
3. Press ▶.
Playback starts.
4. Press VOL -/+ to adjust the volume.

Note

- For the customers in Europe only:
When you try to adjust the volume to a level that exceeds the specified level, the "Check The Volume Level" message appears.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- Press ■ STOP to stop playback.

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Related Topic

- [Turning the power on](#)
- [Releasing the HOLD function](#)
- [Selecting a folder and a file](#)

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- [Various operations while playing](#)
- [Maintaining the moderate volume level \(European models only\)](#)

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Various operations while playing

You can perform the following operations while the IC recorder is playing.

To stop at the current position (Playback Pause function)

Press . To resume playback from that point, press again.

To go back to the beginning of the current file

Press once.

When a track mark is set, the IC recorder goes backward to the track mark before the current point.

(The IC recorder acts as described here when the “Easy Search” function is set to “OFF.”)

To go back to previous files

Press repeatedly.

(During the stop mode, keep the button pressed to go back the files continuously. In the continuous searching mode, the IC recorder does not locate track marks.)

To fast-rewind and find a point in the file

Press and hold while playing, and release it at the desired point.

To skip to the next file

Press once.

When a track mark is set, the IC recorder goes forward to the track mark after the current point.

(The IC recorder acts as described here when the “Easy Search” function is set to “OFF.”)

To skip to the succeeding files

Press repeatedly.

(During the stop mode, keep the button pressed to skip the files continuously. In the continuous searching mode, the IC recorder does not locate track marks.)

To fast-forward and find a point in the file

Press and hold while playing, and release it at the desired point.

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Related Topic

- [Searching the desired point quickly \(Easy Search\)](#)
- [Playing back the recorded sound](#)
- [Adding a track mark](#)

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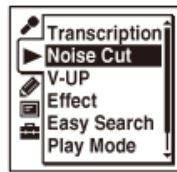
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Reducing noise in the playback sound and making the human voice clearer – the noise cut function

The noise cut function reduces ambient noise other than the human voice, which makes the human voice clearer when you listen to the playback sound.

1. In the stop or playback mode, select MENU - the tab - "Noise Cut," and then press .



2. Press or to select "Auto," "Maximum," or "Medium," and then press .
3. Press STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

OFF:

The noise cut function will be turned off.
(Initial setting)

Auto:

The noise cut function will be enabled automatically according to the Scene Select setting that has been set before the file is recorded.

Maximum:

The noise cut level will be higher.

Medium:

The noise cut level will be lowered. Select this item when you cannot hear the sound clearly by setting the noise cut function to "Maximum."

Note

- When playing back a music file in good sound quality, make sure to set the noise cut function to "OFF."
- When playing back files using the built-in speaker, the noise cut function does not work.
- If you play a file recorded with the Scene Select function set to "Auto Voice Rec," "Meeting," "Lecture," "Voice Notes," or "Interview" while the noise cut function is set to "Auto," the noise cut function will switch to "Medium" automatically.
- When the noise cut function is set to "Auto," "Maximum," or "Medium," the effect function does not work.

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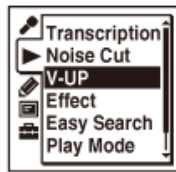
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Adjusting the playback sound by amplifying inaudible sound – the digital voice up function

When you set “V-UP” to “Maximum” or “Medium,” the low-level part of a recorded file is amplified, allowing you to hear even low/small voices more easily.

1. In the stop or playback mode, select MENU - the tab - “V-UP,” and then press .



2. Press or to select “Maximum” or “Medium,” and then press .



3. Press STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

OFF:

Disables the digital voice up function.
(Initial setting)

Maximum:

Adjusts the digital voice up function more effectively.

Medium:

Adjusts the digital voice up function less finely.

Hint

- To cancel the digital voice up function, set “V-UP” to “OFF” in step 2.

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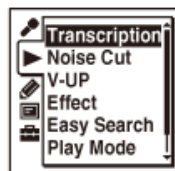
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Transcribing a recorded file (Transcription Playback Mode)

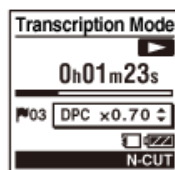
This function allows you to fast-forward or fast-rewind the playback to search for a particular point and also to use the DPC (Digital Pitch Control) function to slow the playback. This is useful when you want to transcribe a recorded file of a meeting, etc.

1. In the stop mode, select MENU - the tab - "Transcription Playback Mode," and then press .



2. Press to start playback.

You can use the following functions while the IC recorder is set to the transcription playback mode.



- DPC: You can change the playback speed to make the playback easier for you to understand. Slide the DPC (SPEED)/KEY CTRL switch to "ON," and press or to adjust the playback speed.
 - Easy Search: You can quickly find the desired point in the file by pressing / .
 - Cue/Review: You can search for the desired point in the file by pressing and holding / .
3. Press STOP to exit the transcription playback mode.
"End Transcription Playback Mode?" appears on the display.
 4. Press or to select "Yes," and then press .

Note

- When the duration of time set for the sleep timer has elapsed, the IC recorder will be turned off automatically even when the transcription playback mode is active.
- The following functions or operations cannot be used when the transcription playback mode is active.
 - General recording operations
 - Sound effect setting (Effect)

- Playback mode
- Selecting a file
- Erasing a file
- Displaying the file list
- A-B repeat function
- Protecting a file

Hint

- If you enter the menu and select “End Transcription Playback Mode” while the IC recorder is already in the transcription playback mode, a confirmation display asking if you want to end the transcription playback mode appears. Press ▲ or ▼ to select “Yes,” and then press ► to end the transcription playback mode.
- When you want to listen to other files, exit the transcription playback mode.
- You can operate the following menu items while the IC recorder is in the transcription playback mode.
 - End Transcription Playback Mode
 - Noise Cut
 - V-UP
 - “Set Skip Time” in Easy Search
 - Erase Track Mark
 - Erase All Track Marks
 - Sleep Timer

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Related Topic

- [Adjusting the playback speed and tones – the DPC \(Digital Pitch Control\) and the key control function](#)
- [Searching the desired point quickly \(Easy Search\)](#)

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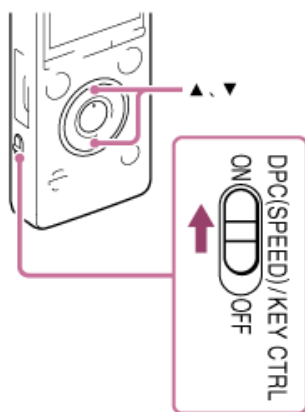
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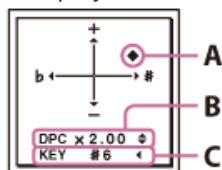
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Adjusting the playback speed and tones – the DPC (Digital Pitch Control) and the key control function

You can adjust the playback speed in a range from 0.25 times to 3.00 times. The file is played back in natural tones by means of a digital processing function. Moreover, you can adjust the playback sounds in semitones higher or lower, each in 6 steps. This is useful for practicing songs to recorded accompaniment. You can also change the playback speed while the “Transcription Playback Mode” is active.



1. Slide the DPC (SPEED)/KEY CTRL switch to “ON.”
2. During playback, press or to enter the DPC setting mode.
3. Press or to adjust the playback speed.
The speed decreases by 0.05 times (from $\times 0.25$ to $\times 1.00$).
The speed increases by 0.10 times (from $\times 1.00$ to $\times 3.00$).
When you press and hold each button, you can change the speed continuously.
The playback speed is set to “ $\times 0.70$ ” when you purchase the IC recorder.
4. Press or to adjust the playback tone (key control).
The playback tone is adjusted by a half tone higher (**#1 - #6**).
The playback tone is adjusted by a half tone lower (**b1 - b6**).
The playback tone is set to “0” when you purchase the IC recorder.



- A: Current setting
B: DPC setting
C: Key control setting

5. Press to exit the setting mode.

Note

- When the playback speed is in a range from 2.10 times to 3.00 times, the noise cut function and the effect function do not work.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- To resume normal playback speed, slide the DPC (SPEED)/KEY CTRL switch to “OFF.”

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Related Topic

- [Reducing noise in the playback sound and making the human voice clearer – the noise cut function](#)
- [Selecting the sound effect](#)

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Selecting the sound effect

You can set the effect you want for the playback in the menu.

1. In the stop or playback mode, select MENU - the  tab - the “Effect,” and then press .



2. Press  or  to select effect you want for the playback, and then press .
3. Press  STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

OFF:

Disables the effect function.
(Initial setting)

Pop ():

Stresses middle ranges, ideal for vocals.

Rock ():

Emphasizes high and low ranges for a powerful sound.

Jazz ():

Emphasizes high ranges for lively sound.

Bass1 ():

Emphasizes the bass sound.

Bass2 ():

Emphasizes the bass sound even more.

Custom ():

You can design your own custom sound level for 5 bands and for “CLEAR BASS.”

Note

- When playing back files using the built-in speaker, when the noise cut function is set to “Auto,” “Maximum,” or “Medium,” or when the “Transcription Playback Mode” is active, the effect function does not work.

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Related Topic

- [Reducing noise in the playback sound and making the human voice clearer – the noise cut function](#)
- [Transcribing a recorded file \(Transcription Playback Mode\)](#)
- [Customizing the sound level](#)

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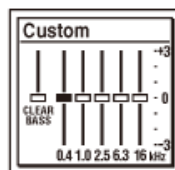
Troubleshooting

List of Topics

Customizing the sound level

When you select the sound effect from the “Effect” menu, select “Custom” so that you can set your favorite sound level.

1. In the stop or playback mode, select MENU - the tab - “Effect,” and then press .
 2. Press or to select “Custom,” and then press .
The custom setting window will be displayed.
 3. When you adjust the sound level for the 0.4 kHz, 1.0 kHz, 2.5 kHz, 6.3 kHz, or 16 kHz bands, press or to move to the band to the left or right, and then press or .
- The setting can be adjusted in 7 steps from –3 to +3.



4. When you adjust the sound level for “CLEAR BASS,” press to move to “CLEAR BASS,” and then press or to adjust the level.
The setting can be adjusted in 4 steps, from 0 to +3.
5. Press .
6. Press STOP to exit the menu mode.

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Related Topic

- [Selecting the sound effect](#)

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Selecting the playback mode

You can select the playback mode, such as shuffle play or repeat play, in the menu.

1. In the stop mode, select MENU - the tab - "Play Mode," and then press .



The category selection window appears on the display.

2. Press or to select the category you want to play ("Recording files," "Music," or "Podcast"), and then .
3. Press or to select the playback mode you want, and then press .
4. Press STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

1:

A file is played back.



Files in one folder are played back continuously.

ALL:

All the files are played back continuously.



1:

One file is played back repeatedly.



:

Files in one folder are played back repeatedly.



ALL:

All the files are played back repeatedly.



:

All files in the currently selected Music folder are played back in random order.



ALL:

All files in the all Music folders (on the tab) are played back in random order.

Note

- The and ALL can be set only when you select the "Music" category in step 2.
- The playback mode can be set to various categories ("Recording files," "Music," or "Podcast").
Even when you have set the playback mode to one category, you need to set it again when you select a different category.

Hint

- If you select "Play Mode" in the menu while playing a file, the category selection

window (in step 2) will not appear and you can select the desired playback mode directory.

- If you press the ► button for one second or more while the IC recorder is playing a file, the file will be played back repeatedly. (In this case, you do not have to set the repeat play function from the menu.)

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Related Topic

- [Display during FOLDER selection](#)
- [Selecting a folder and a file](#)
- [Playing back a specified section repeatedly \(A-B repeat\)](#)

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Playing back a specified section repeatedly (A-B repeat)



1. During playback, press  A-B to specify the starting point A.
"A-B B?" is displayed.
2. Press  A-B again to specify the finishing point B.
" A-B" is displayed and the specified section is played back repeatedly.

Note

- You cannot set the point A and B near the beginning of a file or the end of a file, and around track mark.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- To cancel A-B repeat playback and change back to the normal playback, press  A-B again.
- To stop A-B repeat playback, press  STOP. The IC recorder is stopped but the A-B repeat setting remains. Press  STOP again to release the A-B repeat setting.
- To change the segment specified for A-B repeat playback, press  A-B again during the A-B repeat playback. The play mode changes to the normal playback. Perform the steps 1 and 2 again to re-set the range of the A-B repeat playback.

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Related Topic

- [Selecting the playback mode](#)

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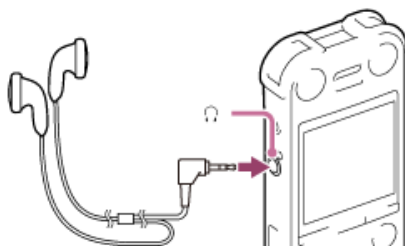
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Listening with better sound quality



- Listening to the sound with the headphones:
Connect the supplied stereo headphones to the  (headphones) jack. The built-in speaker will be automatically disconnected.
- Listening to the sound from an external speaker:
Connect an active or passive speaker (not supplied) to the  (headphones) jack.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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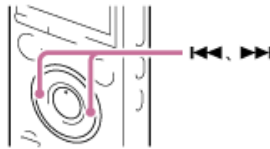
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Searching forward/backward during playback (Cue/Review)



- To search forward (Cue):
Press and hold  during playback and release it at the point you wish to resume playback.
- To search backward (Review):
Press and hold  during playback and release it at the point you wish to resume playback.

The IC recorder searches at slow speed with playback sound. This is useful to check one word forward or back. Then, if you press and hold the button, the IC recorder starts to search at higher speed.

When files are played back or searched to the end of the last file

- When you play back or fast play back to the end of the last file, "FILE END" lights up for approximately 5 seconds.
- When "FILE END" disappears, the IC recorder will stop at the beginning of the last file.
- If you press and hold  while "FILE END" is lit, the files are played back rapidly, and normal playback will start at the point you release the button.
- If the last file is long and you wish to start playback at a later part of the file, press and hold  to go to the end of the file, and then press  to go back to the desired point while "FILE END" is lit.
- For files other than the last one, go to the beginning of the next file and play backward to the desired point.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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Searching the desired point quickly (Easy Search)

The Easy Search function allows you to quickly locate the point at which you wish to start playback.

You can also set the skip time interval, which is useful for locating a desired point in a long recording such as at a meeting.

1. In the stop or playback mode, select MENU - the  tab - "Easy Search," and then press .



2. Press  or  to select "ON" or "Set Skip Time," and then press .
If you select "ON," proceed to the step 4.
If you select "Set Skip Time," proceed to the step 3.
3. Select the skip time interval.
Press  or  to select "Forward Skip Time" or "Reverse Skip Time," and then press .
Press  or  to select the time interval, select "Setting Complete" when you finish selecting the interval, and then press .
4. Press  STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

ON:

You can go forward or backwards for the specified skip time by pressing  or  during playback. This function is useful when attempting to locate desired point in a long recording.

OFF:

The easy search function does not work. When you press  or , a file will be moved forward or backward.

(Initial setting)

Set Skip Time:

Sets the time to go forward or backward in easy searching.

- Setting Complete:
Changes the settings and completes the process.
- Forward Skip Time:
Sets the time to skip forward when you press . (5sec, 10sec (Initial setting), 30sec, 1min, 5min, or 10min)
- Reverse Skip Time:
Sets the time to skip backwards when you press . (1sec, 3sec (Initial setting), 10sec, 30sec, 1min, 5min, or 10min)

setting), 5sec, 10sec, 30sec, 1min, 5min, or 10min)

Hint

- You can set “Set Skip Time” while the “Transcription Playback Mode” is active.

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Related Topic

- [Transcribing a recorded file \(Transcription Playback Mode\)](#)

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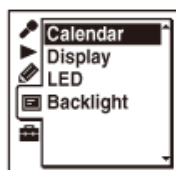
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Selecting a recording date from the calendar and playing back

You can play back a file recorded using the IC recorder by searching for it from the calendar.

1. In the stop mode, select MENU - the tab - "Calendar," and then press .



The calendar appears after the "Accessing..." animation, and the current date will be selected.

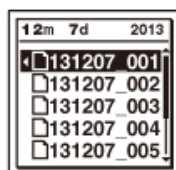
2. Press or to select a date, and then press .

The underline is displayed at the date where a recorded file exists.



You can move to the previous week or the following week of the date by pressing or . When you press and hold each button, you can move continuously through the dates or the weeks.

3. Press or to select a file, and then press .



When you press or to select a file, the file will be played back for confirmation.

When you press to enter the selection, the playback starts.

4. Press STOP to stop playback.

Note

- You need to set the clock in advance to select a recording date from the calendar and play back a file.
- If you specify a date where a recorded file does not exist, "No File" will be displayed. Select a date where a recorded file exists.
- You can search for and play back only the files in the recordable folder that contains files recorded with the IC recorder. For details, see "[Structure of folders and files](#)".

Hint

- To cancel the selection of a recording date from the calendar and the accompanying playback, press ■ STOP before pressing ► in step 3.

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Related Topic

- [Setting the clock](#)
- [Setting the clock using the menu](#)
- [Structure of folders and files](#)

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Playing back a file at a desired time with an alarm

You can sound an alarm and start playback of a selected file at a desired time. You can have a file played back on a specified date, once every week, or at the same time every day. You can set an alarm for a file.

You can set a maximum of 30 alarms.

1. Select the file you want to play back with an alarm.
2. Enter the alarm setting mode.
 1. In the stop mode, select MENU - the  tab - "Alarm," and then press .



2. Press  or  to select "New," and then press .
3. Set the alarm date and time.
 1. Press  or  to select "Date," a day of the week, or "Daily," and then press .
 2. Do one of the following operations.
When you select "Date," set the year, month, day, hour, and minute in sequence, as described in "[Setting the clock.](#)"
When you select a day of the week or "Daily," press  or  to set the hour, and then press . Press  or  to set the minute, and then press .
4. Press  or  to select a favorite alarm pattern, and then press .



"Executing..." is displayed.

5. Press  STOP to exit the menu mode.
The setting process is finished and " (alarm indicator) appears in the display window.

When the set date and time comes, the IC recorder is automatically turned on and "ALARM" is displayed in the display window. Then the alarm and the selected file will be played back using the selected alarm pattern. When the playback ends, the IC recorder will stop automatically. (When the alarm pattern is set to "Beep&Play" or "Play," the IC recorder will stop at the beginning of the selected file.)

Descriptions of the alarm pattern

You can select one of the menu items available.

Beep&Play:

The selected file is played back after the alarm sounds.

Beep:

Only the alarm sounds.

Play:

Only the selected file is played back.

Note

- An alarm set will not sound during recording. The alarm will start playing after you stop the recording.
- You cannot select a podcast file for the alarm sound.

Hint

- The alarm will be played back even when "Beep" in the menu is set to "OFF."
- To cancel the alarm setting, select MENU - the ► tab - "Alarm" - "List," select the setting you want to cancel, and then press ►. Press ▲ or ▼ to select "Cancel," and then press ►. Press ▲ or ▼ to select "Execute," and then press ►. The alarm setting selected will be canceled and the alarm indicator will disappear from the display window.
- To stop the alarm playback, press any button other than VOL -/+ while the alarm sound is heard. If the HOLD function is activated, you can stop the alarm playback by pressing any button.

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Related Topic

- [Setting the clock](#)
- [Changing the alarm setting](#)

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Changing the alarm setting

You can change an alarm setting that has already been set.

1. Select MENU – the  tab – “Alarm,” and then press .
2. Press  or  to select “List,” and then press .
A list of alarm settings that have been set appears on the display.
3. Press  or  to select the alarm setting you want to change, and then press .
4. Press  or  to select “Edit,” and then press .
The file you select will be played back.
5. Select “Date,” a day of the week, or “Daily,” and then press .
6. Set the date and time, and then press .
7. Select an alarm pattern, and then press .
“Executing...” appears, and then your settings are displayed.
8. Press  STOP to exit the menu mode.

Hint

- To cancel the alarm setting, select “Cancel” in step 4. Press  or  to select “Execute,” and then press . The alarm setting selected will be canceled and the alarm indicator will disappear from the display window.

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Related Topic

- [Playing back a file at a desired time with an alarm](#)
- [Setting the clock](#)

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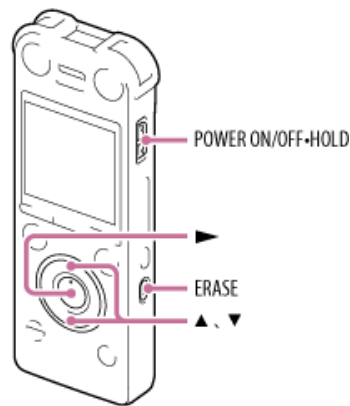
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Erasing a file

You can select a file and erase it.

Note

- Once a file has been erased, you cannot retrieve it.



- Slide the POWER ON/OFF-HOLD switch in the direction of "POWER ON/OFF" to turn on the IC recorder, or towards the center to release the IC recorder from the HOLD status.
The stop mode window appears.
- Select the file you want to erase when the IC recorder is in the stop or playback mode.
- Press ERASE.
"Erase?" appears and the specified file is played back for confirmation.
- Press ▲ or ▼ to select "Execute."



- Press ►.
The "Erasing..." animation appears in the display window and the selected file will be erased.
When a file is erased, the remaining files will advance so that there will be no space between files.

Note

- You cannot erase a file while the IC recorder is in the transcription playback mode or in the stop mode.

- You cannot erase a protected file. To erase the file, release the protection first, and then erase the file.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- To cancel erasing, select "Cancel" in step 4, and then press ►.
- To erase a part of a file, divide the file into two files first, and then proceed with steps 3 through 5.

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Related Topic

- [Turning the power on](#)
- [Releasing the HOLD function](#)
- [Selecting a folder and a file](#)
- [Dividing a file at the current position](#)
- [Protecting a file](#)

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Erasing all files in a folder

You can erase all files in the selected folder.

Press  (folder) to return to the folder window before erasing the files and select a folder from which all files are to be erased, and then go to the menu window.

1. In the stop mode, select the folder containing the files you want to erase.
2. Select MENU - the  tab - "Erase All," and then press .



"Erase All Files in the Folder?" appears on the display.

3. Press  or  to select "Execute," and then press .
- The "Erasing..." animation appears in the display window and all files in the selected folder will be erased.
4. Press  STOP to exit the menu mode.

Note

- You cannot erase a protected file. To erase the file, release the protection first, and then erase the file.

Hint

- To cancel erasing, select "Cancel" in step 3, and then press .

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Related Topic

- [Protecting a file](#)
- [Selecting a folder and a file](#)
- [Erasing a file](#)

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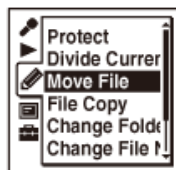
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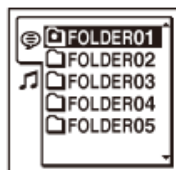
Moving a file to a different folder

Moves the selected file to the selected folder.

1. Select the file you want to move.
2. In the stop mode, select MENU - the tab - "Move File," and then press .



3. Press , press or to select the tab or the tab, and then press .
4. Press or to select the folder that you want to move the file into, and then press .



"Moving File..." animation appears and the file is moved to the last position in the destination folder.

When you move a file to another folder, the original file in the previous folder will be erased.

5. Press STOP to exit the menu mode.

Note

- You cannot move a protected file. To move the file, release the protection first, and then move the file.
- You cannot move podcast files.
- You cannot move a file to the podcast folders.

Hint

- To cancel moving the file, press STOP before step 4.

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Related Topic

- [Protecting a file](#)
- [Selecting a folder and a file](#)

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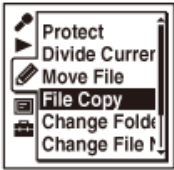
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Copying a file to the other memory

You can copy the selected file from the built-in memory to the desired folder on a memory card, or from a memory card to the desired folder on the built-in memory. This function is useful in saving a backup. Before starting the operation, insert a memory card to be used for copying into the memory card slot.

1. Select the file you want to copy.
When you want to copy a file from a memory card to the built-in memory, set the source memory media to “Memory Card.”
2. Select MENU - the  tab - “File Copy,” and then press .



- The “Copy to Memory Card Select Folder” or the “Copy to Built-In Memory Select Folder” animation appears and the folder selection window is displayed.
3. Press , press  or  to select the  tab or the  tab, and then press .
 4. Press  or  to select the folder that you want to copy the file into, and then press .

The “Copying...” animation appears and the file is copied as the last file in the destination folder. A file will be copied with the identical file name.

 5. Press  STOP to exit the menu mode.

Note

- You cannot copy podcast files.

Hint

- To cancel the copy operation, press  STOP before step 4.
- To cancel the copy operation during copying, press  STOP while the “Copying...” animation is displayed in step 4.

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Related Topic

- [Selecting the memory](#)
- [Inserting a memory card](#)

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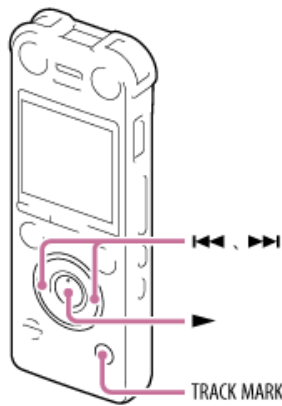
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Adding a track mark

You can add a track mark at a point at which you would like to divide a file later or locate during playback. You can add a maximum of 98 track marks to each file.



1. During recording, playing back, or recording pausing, press TRACK MARK at the position you want to add a track mark.
The  (track mark) indicator flashes three times, and a track mark is added.



- Note
- You cannot add track marks to a protected file. To add track marks to the file, release the protection first, and then add the track marks.
 - You cannot add track marks to music files or podcast files.
 - You cannot add track marks while using the synchronized recording function.
 - The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

- Hint
- To locate a track mark and start playback at the track mark, press  or  in the stop mode. When the  (Track mark) indicator flashes once, press .
 - You can add track marks when the IC recorder is in the transcription playback mode.

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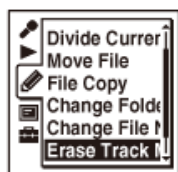
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Erasing a track mark

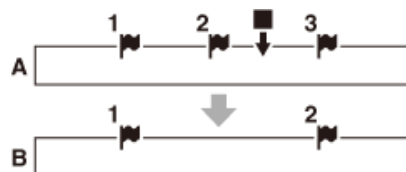
You can erase the track mark that is located at just before the current position.

1. Stop at a position after the track mark you would like to erase.
2. Select MENU - the tab - "Erase Track Mark," and then press .



"Erase Track Mark?" appears on the display.

3. Press or to select "Execute," and then press .
- The "Erasing..." animation appears in the display window and the selected track mark will be erased.



A. Before erasing a track mark: is the stop position.

B. After erasing a track mark: The track mark just before the stop position will be erased.

4. Press STOP to exit the menu mode.

Note

- You cannot erase track marks from a protected file. To erase track marks from the file, release the protection first, and then erase the track marks.

Hint

- To cancel erasing, select "Cancel" in step 3, and then press .

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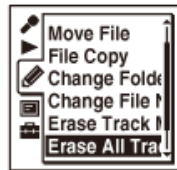
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Erasing all the track marks in the selected file at one time

You can erase all the track marks of the selected file.

1. Select a file from which you want to erase the track marks.
2. Select MENU - the  tab - "Erase All Track Marks," and then press .



"Erase All Track Marks?" appears on the display.

3. Press  or  to select "Execute," and then press .
- The "Erasing..." animation appears in the display window and all the track marks will be erased at one time.
4. Press  STOP to exit the menu mode.

Note

- You cannot erase track marks from a protected file. To erase track marks from the file, release the protection first, and then erase the track marks.

Hint

- To cancel erasing, select "Cancel" in step 3, and then press .

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- [Protecting a file](#)

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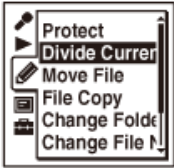
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Dividing a file at the current position

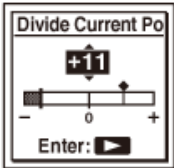
You can divide a file in the stop mode, so that the file is divided into two parts and new file numbers are added to the divided file names. By dividing a file, you can easily find the point from which you want to play back when you make a long recording such as at a meeting. You can divide a file until the total number of files in the folder reaches the maximum number allowed.

1. Stop the file at the position where you want to divide a file.
2. Select MENU - the tab - “Divide Current Position,” and then press .



A period of approximately 4 seconds from the dividing point will be played back repeatedly.

3. Press or to adjust the position to be divided, if you wish.



You can adjust the position to be divided by approximately 0.3 seconds in a period of approximately 6 seconds each, both before and after the current position.

4. Press .
 - “Divide?” appears on the display.
 5. Press or to select “Execute,” and then press .
- The “Dividing...” animation appears, and the divided files will be suffixed with a sequential number (“_1” for the original file, and “_2” for the new file).

A	File 1	File 2	File 3
B	File 1	File 2_1	File 2_2

- A. Before dividing a file: is the position you want to divide.
- B. After dividing a file: A suffix made up of a sequential number is added to a file name of the divided files.

6. Press STOP to exit the menu mode.

Note

- You cannot divide a protected file. To divide the file, release the protection first.

You cannot divide music files or podcast files.

- You can divide the files in the recordable area (under the  tab) only.

Hint

- To cancel dividing, select “Cancel” in step 5, and then press .

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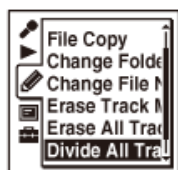
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Dividing a file at all the track mark positions

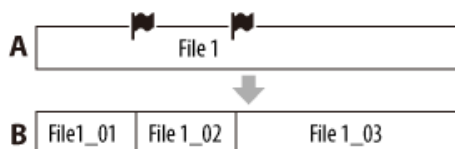
You can divide a file at all the track mark positions.

1. Select the file you want to divide.
2. In the stop mode, select MENU - the tab - "Divide All Track Marks," and then press .



"Divide All Track Marks?" appears on the display.

3. Press or to select "Execute," and then press .
- The "Dividing..." animation appears, and the file is divided at all the track mark positions. All the existing track marks in the files will be erased. A suffix made up of a sequential number ("_01," "_02") is added each of the divided files.



A. Before dividing a file: are track marks

B. After erasing track marks: A file is divided at all the track marks.

4. Press STOP to exit the menu mode.

Note

- You cannot divide a protected file. To divide the file, release the protection first.
- You cannot divide music files or podcast files.
- You can divide the files in the recordable area (under the tab) only.

Hint

- To cancel dividing, select "Cancel" in step 3, and then press .
- To cancel dividing while a file is being divided, press STOP while the "Dividing..." animation is displayed.

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Related Topic

- [Protecting a file](#)

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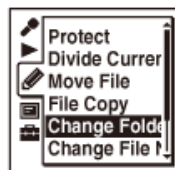
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Changing a folder name

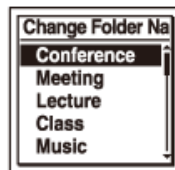
You can change a name of a folder used to store files recorded with the IC recorder.

You can choose a new folder name from the templates.

1. Select the folder which you want to rename from the  tab of the folder list.
2. In the stop mode, select MENU - the  tab - "Change Folder Name," and then press .



3. Press  or  to select a favorite folder name, and then press .



"Executing..." appears in the display window and the folder name will be changed.

4. Press  STOP to exit the menu mode.

Note

- You cannot change names of music or podcast folders.

Hint

- When you specify a folder name that already exists, a suffix made up of a sequential number (2 to 10) is added to the name of the new folder.
- When you choose "FOLDER" from the templates, a suffix made up of a sequential number (01 to 10) is added to each of the folder names.
- You can use the Sound Organizer software to rename a folder.

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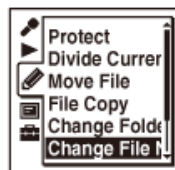
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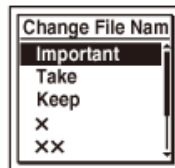
Changing a file name

You can rename a file by prefixing characters from a desired template to the file name. A file in the recordable area can be renamed. You can choose characters to be added from the templates.

1. Select the file which you want to rename from the tab of the folder list.
2. In the stop mode, select MENU - the tab - "Change File Name," and then press .



3. Press or to select the desired characters to be prefixed to the file name, and then press .



"Executing..." appears in the display window and the selected characters are added to the file name separated from it by an underscore (_).

(e.g. If "A" is added to the file 131215_001.mp3: A_ 131215_001.mp3)

4. Press STOP to exit the menu mode.

Note

- You cannot change the name of a protected file. To change the file name, release the protection first.
- You cannot change names of music or podcast files.
- You can rename the files in the recordable area (under the tab) only.

Hint

- You can use the Sound Organizer software to rename a file.

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Related Topic

- [Protecting a file](#)

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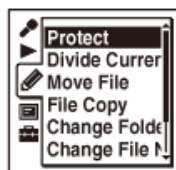
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Protecting a file

To prevent a file from being accidentally erased or edited, you can protect an important file. A protected file is marked with the  (protect) indicator and is regarded as a read-only file you cannot erase or edit.

1. Display the file which you want to protect from the  tab or the  tab.
2. In the stop mode, select MENU - the  tab - "Protect," and then press .



"Set Protection?" appears on the display.

3. Press  or  to select "Execute," and then press .
- The file is protected. A protected file is marked with the  (protect) indicator.
4. Press  STOP to exit the menu mode.

Note

- You cannot protect podcast files.

Hint

- To release protection, select the protected file, and then proceed with steps 2 through 4. In this case, "Erase Protection?" will be displayed in step 2.
- To cancel setting the protection, select "Cancel" in step 3, and then press .

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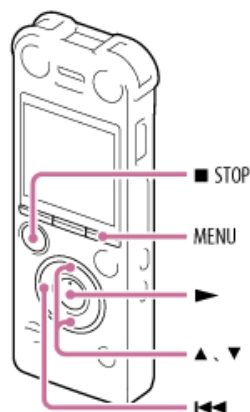
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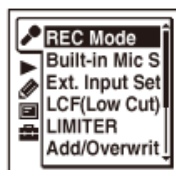
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Using the menu



1. Press MENU to enter the menu mode.
The menu mode window will be displayed.



The menu items will be different depending on the model you are using.

2. Press , press or to select the , , , , or tab, and then press .
3. Press or to select the menu item for which you want to make setting, and then press .
4. Press or to select the setting that you want to set, and then press .
5. Press to exit the menu mode.

Note

- If you do not press any button for 60 seconds, the menu mode is automatically canceled and the window will return to the normal display.
- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint

- To return to the previous window, press during menu mode.
- To exit the menu mode, press or MENU.

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Menu list

The list below shows the menu items in each tab and in which operation mode the IC recorder can make changes to the menus.

Menu items in the (Recording) tab

- REC Mode: Stop mode
[Selecting the recording mode \(REC Mode\)](#)
- Built-in Mic Setting: Stop mode, Recording mode
[Switching the directionality of the built-in microphones](#)
- Ext. Input Setting: Stop mode, Recording mode
[Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)
- LCF(Low Cut): Stop mode, Recording mode
[Reducing noise when recording \(LCF\(Low Cut\)\)](#)
- LIMITER: Stop mode, Recording mode
[Adjusting the input level of loud sound automatically \(LIMITER\)](#)
- Add/Overwrite: Stop mode
[Adding a new segment to a previously recorded file](#)
[Adding an overwrite recording during playback](#)
- PRE REC: Stop mode
[Recording a few seconds in advance – the pre-recording function](#)
- Cross-Memory REC: Stop mode
[Recording across memory media – cross-memory recording](#)
- VOR: Stop mode, Recording mode
[Starting to record automatically in response to sound – the VOR function](#)
- SYNC REC: Stop mode
[Recording from external equipment \(using the synchronized recording function\)](#)

Menu items in the (Playback) tab

- Transcription Playback Mode: Stop mode
[Transcribing a recorded file \(Transcription Playback Mode\)](#)
- Noise Cut: Stop mode, Playback mode, Transcription playback mode
[Reducing noise in the playback sound and making the human voice clearer – the noise cut function](#)
- V-UP: Stop mode, Playback mode, Transcription playback mode
[Adjusting the playback sound by amplifying inaudible sound – the digital voice up function](#)
- Effect: Stop mode, Playback mode
[Selecting the sound effect](#)
- Easy Search: Stop mode, Playback mode
[Searching the desired point quickly \(Easy Search\)](#)

- Play Mode: Stop mode, Playback mode
[Selecting the playback mode](#)
- Alarm: Stop mode
[Playing back a file at a desired time with an alarm](#)

Menu items in the (Edit) tab

- Protect: Stop mode
[Protecting a file](#)
- Divide Current Position: Stop mode
[Dividing a file at the current position](#)
- Move File: Stop mode
[Moving a file to a different folder](#)
- File Copy: Stop mode
[Copying a file to the other memory](#)
- Change Folder Name: Stop mode
[Changing a folder name](#)
- Change File Name: Stop mode
[Changing a file name](#)
- Erase Track Mark: Stop mode
[Erasing a track mark](#)
- Erase All Track Marks: Stop mode
[Erasing all the track marks in the selected file at one time](#)
- Divide All Track Marks: Stop mode
[Dividing a file at all the track mark positions](#)
- Erase All: Stop mode
[Erasing all files in a folder](#)

Menu items in the (Display) tab

- Calendar: Stop mode
[Selecting a recording date from the calendar and playing back](#)
- Display: Stop mode, Playback mode, Recording mode
[Selecting the display mode \(Display\)](#)
- LED: Stop mode
[Turning the recording lamp/the access lamp on or off \(LED\)](#)
- Backlight: Stop mode
[Turning the backlight on or off \(Backlight\)](#)

Menu items in the (IC recorder setting) tab

- Select Memory: Stop mode
[Selecting the memory using the menu \(Select Memory\)](#)
- Language: Stop mode
[Setting the display language](#)
- Date&Time: Stop mode
[Setting the clock using the menu](#)
- Time Display: Stop mode

[Selecting the clock display \(Time Display\)](#)

- Beep: Stop mode
[Turning the beep sound on or off \(Beep\)](#)
- Sleep Timer: Stop mode, Playback mode, Transcription playback mode, Recording mode
[Using the sleep timer \(Sleep Timer\)](#)
- Auto Power Off: Stop mode
[Setting the time period for the IC recorder to turn off \(Auto Power Off\)](#)
- Reset All Settings: Stop mode
[Resetting all menu items to the default setting \(Reset All Settings\)](#)
- Format: Stop mode
[Formatting the memory \(Format\)](#)
- System Information: Stop mode
[Checking the system information \(System Information\)](#)

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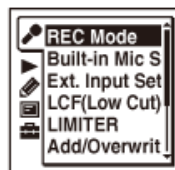
Selecting the recording mode (REC Mode)

You can set the recording mode for the files to be recorded. Set this menu item before you start recording.

Hint

- You can also record both LPCM and MP3 files at the same time from one source (the dual recording function) (ICD-SX1000 only).

- In the stop mode, select MENU - the tab - "REC Mode," and then press .



The menu items will be different depending on the model you are using.

- Press or to select the desired recording mode, and then press .
- Press STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

Dual Recording:

Select the recording mode for both LPCM and MP3.
(ICD-SX1000 only)

LPCM 96kHz / 24bit:

LPCM (not compressed) in stereo high-quality recording mode
(The sound quality is higher than with LPCM 44.1kHz/16bit mode)
(ICD-SX1000 only)

LPCM 44.1kHz / 16bit:

LPCM (not compressed) in stereo high-quality recording mode
(The sound quality is equivalent to that of CDs.)

MP3 320kbps:

MP3 (compressed) in stereo high-quality recording mode
(Initial setting)

MP3 192kbps:

MP3 (compressed) in stereo standard-quality recording mode

MP3 128kbps:

MP3 (compressed) in long play stereo recording mode

MP3 48kbps(MONO):

MP3 (compressed) in monaural standard recording mode

Note

- You cannot set "REC Mode" when the Scene Select function has been set. Set the Scene Select function to "Scene Select Off" before setting "REC Mode."

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Related Topic

- [Recording one sound source to two files - the dual-recording function \(ICD-SX1000 only\)](#)

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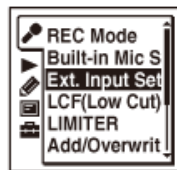
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Selecting the input mode and the input sensitivity of an external device (Ext. Input Setting)

You can select the type of external input ("MIC IN" or "Audio IN") to be recorded and the sensitivity setting when you record from an external device connected to the  (microphone) jack.

1. In the stop mode, select MENU - the  tab - "Ext. Input Setting," and then press .



The menu items will be different depending on the model you are using.

2. Press  or  to select the item you want to set, and then press .
 - If you do not intend to set the input sensitivity:
Select "MIC IN" or "Audio IN." When you press , the input type switches. In this case, proceed to step 5 to exit the menu mode.
 - If you intend to set the input sensitivity:
Select the "Sensitivity setting" item that is displayed under "MIC IN" or "Audio IN." When you press , the sensitivity setting display appears. In this case, proceed to the next step.
3. Press  or  to select the item you want to set, and then press .
 - If you select "Sensitivity setting" for "MIC IN":
Select "For Voice," "For Music," or "Manual."
If you select "For Voice" or "For Music," proceed to the next step.
If you select "Manual," the setting process is complete.
 - If you select "Sensitivity setting" for "Audio IN":
Select " High," " Low," or "**MNL** Manual." The setting process is complete.
4. Press  or  to select the sensitivity setting you want, and then press .
5. Press  STOP to exit the menu mode.

Sensitivity settings for "MIC IN"

You can select one of the menu items available.

For Voice:

You can select one of the following items for recording voices.

-  **A** Auto: The microphone sensitivity is set automatically to the appropriate

recording level for the input sound. (Initial setting)

-  **High:** To record sound far away from the IC recorder or low sound, such as when recording in a spacious room.
-  **Medium:** To record the sound of a normal conversation or meeting, such as when recording in a meeting space or during an interview.
-  **Low:** To record dictation with the microphone held in front of your mouth, sound near the IC recorder, or loud sound.

For Music:

You can select one of the following items for recording music.

-  **High(Music):** To record small groups, for example, a chorus, small (soft) sounds, or a musical instrument that is played some distance away from the IC recorder.
-  **Low(Music):** To record loud sounds, such as that of a band or singing practice.
(Initial setting)

Manual:

During manual recording, you can adjust the recording level manually.

Sensitivity settings for “Audio IN”

You can select one of the menu items available.

High:

Select this when the output level from the connected equipment is too low.

Low:

Select this when the output level from the connected equipment is too high.

Manual:

During manual recording, you can adjust the recording level manually.
(Initial setting)

Note

- You cannot set the microphone sensitivity when the Scene Select function has been set. Set the Scene Select function to “Scene Select Off” before setting the sensitivity.

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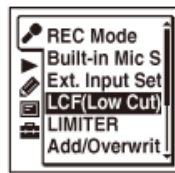
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Reducing noise when recording (LCF(Low Cut))

The LCF (Low Cut Filter) function cuts a low frequency to reduce a projector machine sound or roaring noise from wind, etc., therefore you can record a file more clearly.

1. In the stop or recording mode, select MENU - the tab - "LCF(Low Cut)," and then press .



The menu items will be different depending on the model you are using.

2. Press or to select "ON" or "OFF," and then press .
3. Press STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

ON:

The LCF function is activated.

OFF:

The LCF function is canceled.
(Initial setting)

Note

- When the "Ext. Input Setting" menu is set to "Audio IN," the LCF function does not work.
- You cannot set the LCF function when the Scene Select function has been set. Set the Scene Select function to "Scene Select Off" before setting the LCF function.

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Related Topic

- [Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)

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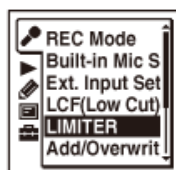
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Adjusting the input level of loud sound automatically (LIMITER)

The LIMITER function adjusts the input level automatically when a sound that is too loud is input, to prevent sound distortion during manual recording.

1. In the stop mode, select MENU - the tab - "LIMITER," and then press .



The menu items will be different depending on the model you are using.

2. Press or to select "ON" or "OFF," and then press .
3. Press STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

ON:

The LIMITER function is activated.
(Initial setting)

OFF:

The LIMITER function is canceled.

Note

- When the "Sensitivity setting" item in the "Built-in Mic Setting" or "Ext. Input Setting" is set to "Manual," the LIMITER function is enabled.

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Selecting the display mode (Display)

You can set which information to be displayed in the display window.

1. Select MENU - the  tab - "Display," and then press .



2. Press  or  to select the desired display mode, and then press .
3. Press  STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

Elapsed Time:

Elapsed playback time of one file

(Initial setting)

Remain Time:

During stop or playback, the remaining time of one file

During recording, the available recording time

REC Date:

Date recorded

REC Time:

Time recorded

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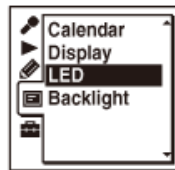
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Turning the recording lamp/the access lamp on or off (LED)

This setting turns the recording lamp/the access lamp on or off during operation.

1. In the stop mode, select MENU - the  tab - "LED," and then press .



2. Press  or  to select "ON" or "OFF," and then press .
3. Press  STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

ON:

During recording, the recording lamp lights or flashes. The access lamp lights or flashes while the IC recorder is accessing the memory (such as when it is saving data.)

(Initial setting)

OFF:

The recording lamp and the access lamp do not light or flash, even during operation.

Note

- When the IC recorder is connected to a computer, the access lamp lights or flashes even if "LED" is set to "OFF."

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Turning the backlight on or off (Backlight)

This setting turns the backlight in the display window on or off.

1. In the stop mode, select MENU — the  tab — “Backlight,” and then press .



2. Press  or  to select the desired menu item, and then press .
3. Press  STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

OFF:

The backlight in the display window does not light, even during operation.

20sec:

The backlight in the display window lights up for approx. 20 seconds.
(Initial settings)

1min:

The backlight in the display window lights up for approx. one minute.

Always-ON:

The backlight in the display window lights up always.

Note

- When you select “Always-ON,” the battery will be consumed quickly.

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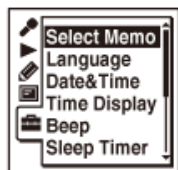
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Selecting the memory using the menu (Select Memory)

You can select the memory media on which you want to store a file, or which contains the file you want to play, edit, or copy.

1. In the stop mode, select MENU - the  tab - "Select Memory," and then press

.



2. Press  or  to select "Built-In Memory" or "Memory Card," and then press

.

3. Press  STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

Built-In Memory:

The built-in memory of the IC recorder is selected.

(Initial setting)

Memory Card:

The memory card inserted in the memory card slot is selected.

Note

- When no memory card is currently inserted in the IC recorder, the built-in memory is automatically selected.

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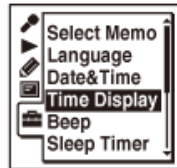
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Selecting the clock display (Time Display)

You can select from 12 hour-clock or 24 hour-clock.

1. In the stop mode, select MENU - the tab - "Time Display," and then press .



2. Press or to select the desired menu item, and then press .
3. Press STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

12-Hour:

12:00AM = midnight, 12:00PM = noon

24-Hour:

0:00 = midnight, 12:00 = noon

Note

- The default setting differs depending on the area you purchased your IC recorder.

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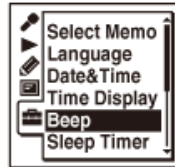
Troubleshooting

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Turning the beep sound on or off (Beep)

You can turn the operation beep on or off.

1. In the stop mode, select MENU - the  tab - “Beep,” and then press .



2. Press  or  to select “ON” or “OFF,” and then press .
3. Press  STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

ON:

A beep will sound to indicate that an operation has been accepted or an error has occurred.

(Initial setting)

OFF:

No beep sound will be heard.

Note

- The alarm sounds even if you set “Beep” to “OFF” in the menu.

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Using the sleep timer (Sleep Timer)

If you set the sleep timer, the IC recorder will turn off automatically when the duration of time set for the sleep timer has elapsed.

1. Select MENU - the  tab - "Sleep Timer," and then press .



2. Press  or  to select the desired time duration, and then press .
 3. Press  STOP to exit the menu mode.
- When you set the sleep timer, "**SLEEP**" appears on the display.

Note

- When "Auto Power Off" is set in the menu, the power of the IC recorder may turn off before the duration of time set for the sleep timer has elapsed.
- When the duration of time set for the sleep timer has elapsed, the IC recorder will turn off even when it is recording.

Hint

- To cancel the sleep timer setting, select "OFF" (initial setting).
- To check the remaining time before the sleep timer activates, perform step 1 again. If you want to keep the setting, select "Stay On."

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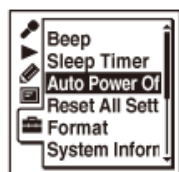
List of Topics

Setting the time period for the IC recorder to turn off (Auto Power Off)

If the IC recorder is on and left for the period you have set, the IC recorder turns off automatically.

1. In the stop mode, select MENU - the  tab - "Auto Power Off," and then press

▶.



2. Press ▲ or ▼ to select the desired menu item, and then press ▶.
3. Press ■ STOP to exit the menu mode.

Descriptions of menu items

You can select one of the menu items available.

OFF:

The IC recorder will not be turned off automatically.

5min:

The IC recorder will be turned off after approx. 5 minutes.

10min:

The IC recorder will be turned off after approx. 10 minutes.
(Initial setting)

30min:

The IC recorder will be turned off after approx. 30 minutes.

60min:

The IC recorder will be turned off after approx. 60 minutes.

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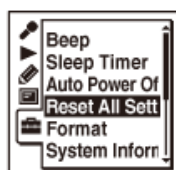
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Resetting all menu items to the default setting (Reset All Settings)

You can re-set all menu items to the default setting.
However, the following menu items cannot be initialized.

- Alarm
- Protect
- Select Memory
- Date&Time

1. In the stop mode, select MENU - the  tab - "Reset All Settings," and then press .



"Default Value?" appears on the display.

2. Press  or  to select "Execute," and then press .
3. Press  STOP to exit the menu mode.

Hint

- To cancel the operation, select "Cancel" in step 2.

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Formatting the memory (Format)

You can format the memory media currently selected (the built-in memory or the memory card), erasing all the data in the memory and resetting the folder structure to its default status.

1. In the stop mode, select MENU - the  tab - "Format," and then press .



2. Press  or  to select "Execute," and then press .
- The "Formatting..." animation appears and the memory media will be formatted.
3. Press  STOP to exit the menu mode.

Note

- Use the IC recorder formatting function to format the memory media. Do not use your computer to format the media.
- Switch the memory media to the one to be formatted before you start the format operation.
- If you format the built-in memory, all data stored there will be erased. (Protected files, the Help Guide and the Sound Organizer software will also be erased.) Note that once the files are erased, you cannot retrieve them.

Hint

- To cancel formatting the memory media, select "Cancel" in step 2.

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Related Topic

- [Selecting the memory using the menu \(Select Memory\)](#)

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Checking the system information (System Information)

You can check the system information such as the IC recorder model name and the version number of the software. User name can be registered on your IC recorder using the Sound Organizer software.

1. In the stop mode, select MENU - the  tab - "System Information," and then press .



2. Press  STOP to exit the menu mode.

Hint

- You can set the IC recorder so that it will display the user name in a part of the file name by using the Sound Organizer software.

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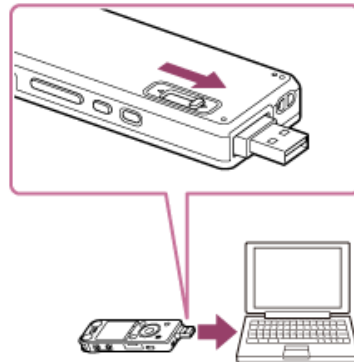
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Connecting the IC recorder to your computer

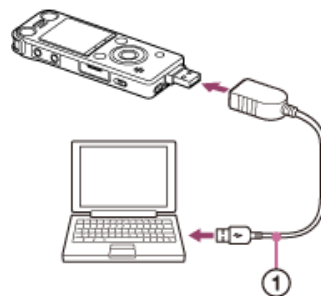
To exchange files between the IC recorder and your computer, connect the IC recorder to your computer.



1. Slide the USB DIRECT slide lever on the back of the IC recorder, and insert the USB connector into the USB port of a running computer.
2. Make sure the IC recorder has been recognized properly.
 - On the Windows screen; open “My Computer” or “Computer,” and make sure that “IC RECORDER” or “MEMORY CARD” has been recognized.
 - On the Mac screen; make sure that an “IC RECORDER” or “MEMORY CARD” drive is displayed on the Finder.

The IC recorder is recognized by the computer as soon as the connection is made. While the IC recorder is connected to the computer, “Connecting” is displayed in the display window of the IC recorder.

If the IC recorder cannot be connected to a computer directly, use the supplied USB connection support cable (①).

**Note**

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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Related Topic

- [Disconnecting the IC recorder from your computer](#)

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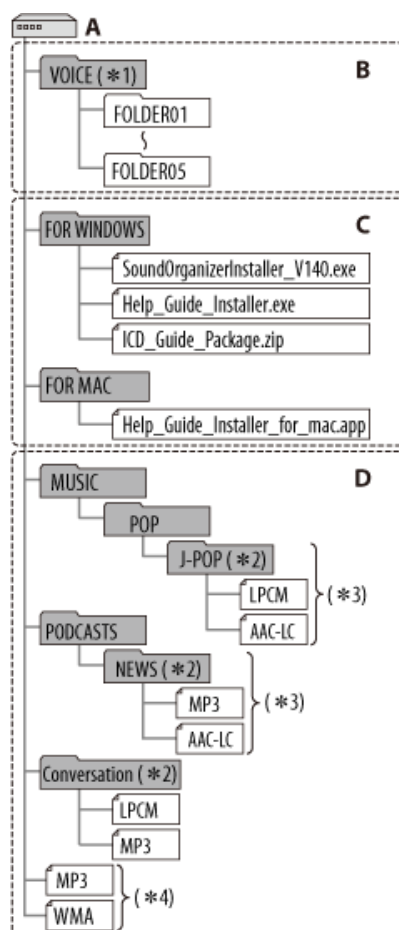
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Structure of folders and files

The folders and files are displayed on the computer screen as shown. On a Windows screen using Explorer, and on a Mac screen using Finder, folders and files can be displayed by opening “IC RECORDER” or “MEMORY CARD.”

Built-in memory



A: IC RECORDER folder

B: Folder for files recorded using the IC recorder

C: Folder containing installers for the Sound Organizer software, Help Guide, etc.

D: Folder transferred from your computer

*1 Even if a file is transferred directly under the VOICE folder, it will not be displayed on the tab of the IC recorder. When you transfer a file from your computer to the IC recorder, put the file in the folders under the VOICE folder.

*2 The name of a folder in which music files are stored will be displayed on the IC recorder as it is, so it is convenient if you put an easy-to-remember name on the folder in advance. Folders shown in the illustration are examples of folder names.

*3 The IC recorder can recognize up to 8 levels of folders transferred to the IC recorder.

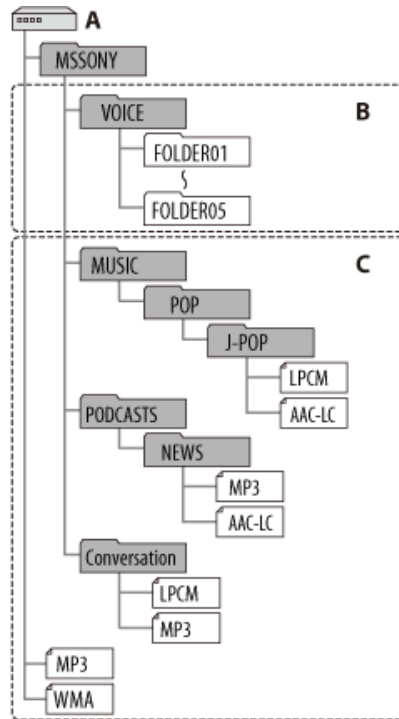
*4 If you transfer music files separately, they are classified as being in “No Folder.”

Hint

- The title or artist name, etc., registered in the music files, can be displayed on the IC recorder. It is useful if you input the ID3 tag information using the software you use to make the music files on your computer.
- If no title, or artist name has been registered “No Data” will be displayed in the display window of the IC recorder.

Memory Stick Micro™ (M2™)

When connecting the IC recorder with your computer after the destination memory media has been set to “Memory Card,” the structure of folders is different from that when the destination memory media is set to “Built-In Memory.”



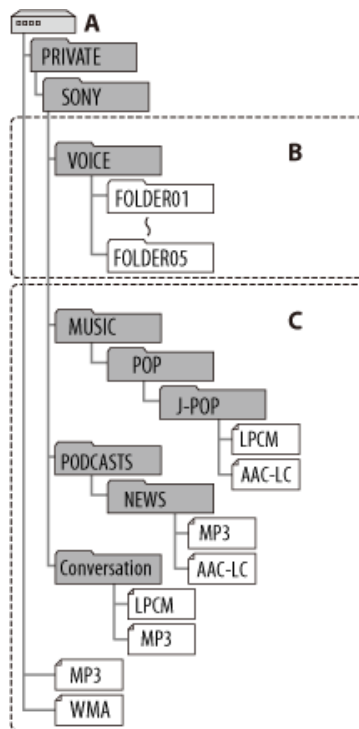
A: MEMORY CARD

B: Folder for files recorded using the IC recorder

C: Folder transferred from your computer

microSD card

When connecting the IC recorder with your computer after the destination memory media has been set to “Memory Card,” the structure of folders is different from that when the destination memory media is set to “Built-In Memory.”



A: "MEMORY CARD" folder

B: Folder for files recorded using the IC recorder

C: Folder transferred from your computer

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Related Topic

- [Selecting the memory using the menu \(Select Memory\)](#)

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Copying files from the IC recorder to your computer

You can copy the files and folders from the IC recorder to your computer to store them.

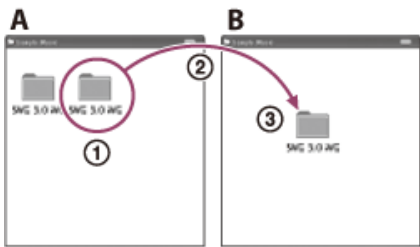


1. Connect the IC recorder to your computer.
2. Copy files or folders you want to transfer to your computer.
Drag and drop the files or folders you want to copy from “IC RECORDER” or “MEMORY CARD” to the local disk on your computer.
3. Disconnect the IC recorder from your computer.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

Hint



A: IC RECORDER or MEMORY CARD
B: Your computer
To copy a file or folder (drag and drop), click and hold the file or folder (①), drag (②), and then drop (③).

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Related Topic

- [Connecting the IC recorder to your computer](#)
- [Disconnecting the IC recorder from your computer](#)

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Copying a music file from your computer to the IC recorder (drag and drop)

You can copy music or the other audio files (LPCM(.wav) / MP3(.mp3) / WMA(.wma) / AAC-LC(.m4a) (*)) from your computer to the IC recorder by dragging and dropping them, and you can play them back using the IC recorder.



* For the file formats that can be played back using the IC recorder, see "[Design and specifications](#)."

1. Connect the IC recorder to your computer.
2. Copy the folder in which the music files are stored to the IC recorder.
On a Windows screen using Explorer, or on a Mac screen using Finder, drag and drop the folder containing the music files onto "IC RECORDER" or "MEMORY CARD."
The IC recorder can recognize up to 400 folders. You can copy up to 199 files to one folder. Moreover, the IC recorder can recognize up to a total of 4,095 folders and files for one memory media.
3. Disconnect the IC recorder from your computer.

Note

- The illustrations used in this Help Guide are based on the ICD-SX1000 model. These illustrations may look different from the model you are using, however, the buttons and controls used for operations are the same.

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Related Topic

- [Connecting the IC recorder to your computer](#)
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Playing back music files copied from your computer using the IC recorder

You can copy music or the other audio files (LPCM(.wav) / MP3(.mp3) / WMA(.wma) / AAC-LC(.m4a) (*)) from your computer to the IC recorder, and you can play them back using the IC recorder.

* For the file formats that can be played back using the IC recorder, see "[Design and specifications](#)."

1. Press (folder).
2. Press , press or to select the tab, and then press .
3. Press or to select the folder () in which music files are stored, and then press .
- To display the files contained in a folder, press or to select a folder, and then press .
4. Select the music file you want to play.
When the file selection window is displayed, press or to select the desired file, and then press .
- When the stop mode window is displayed, you can switch files by pressing and .
5. Press to start playback.
Pressing or allows you to check the information of a music file that is currently being played back.
6. Press STOP to stop playback.

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Related Topic

- [Display during playback](#)

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Using the IC Recorder as USB memory

When the IC recorder is connected to your computer, image data or text data on the computer, as well as files recorded using the IC recorder can be temporarily stored on the IC recorder.

Your computer must meet the specified system requirements to use the IC recorder as USB memory.

For details on the system requirements, check “[System requirements](#) .”

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What you can do using Sound Organizer (for Windows only)

You can install Sound Organizer using the set up file

(SoundOrganizerInstaller_V140.exe) stored on the built-in memory of the IC recorder.

Sound Organizer allows you to exchange files with an IC recorder or memory card. The songs imported from music CDs and other media, MP3 and other audio files imported from a computer, and podcasts can also be played and transferred to an IC recorder. Various operations can be performed for imported files, including playback, editing and conversion to MP3 and other formats. You can also burn CDs of the music you like, and send audio files by mail.

For details on the operation of the Sound Organizer, refer to the Sound Organizer help.

Importing files recorded with an IC recorder

You can import recording files that were recorded with an IC recorder into Sound Organizer.

The imported files are saved to the computer.

Importing songs from a music CD

You can import the songs of a music CD into Sound Organizer.

The imported songs are saved to the computer.

Importing songs on the computer

You can import music and other files saved to the computer into Sound Organizer.

Subscribing to and updating podcasts

You can subscribe to podcasts in Sound Organizer.

Subscribing to and updating podcasts enables you to download (subscription) and enjoy the latest data from the Internet.

Playing files

You can play the files imported into Sound Organizer.

Changing the file information

You can change the title name, artist name, and other file information displayed in the file list.

Dividing files

You can divide one file into multiple files.

Combining files

You can combine multiple files into one file.

Registering the user name

You can register a user name (information for recognizing your IC recorder) for your IC recorder. If you record a file with a user name set, the user name will be added to the file. If you do not set a user name, the user information for the recorded file will be "My Recording."

Editing templates for a folder or file name

You can edit the templates used as "Change File Name" and "Change Folder Name" menu options.

Deleting files from an IC recorder

You can delete a file saved to an IC recorder.

Use this operation to delete files in the IC recorder when you want to increase the amount of free space in the IC recorder or there are unnecessary files.

Transferring files to an IC recorder

You can transfer a file from Sound Organizer to an IC recorder or memory card.

You can enjoy transferred music, podcasts, and other content on your IC recorder.

Burning a music CD

You can select your favorite songs from the songs imported into Sound Organizer and then burn your own original music CD.

Other convenient uses

- You can start the mail software and send a recording file attached to mail.
- You can use the voice recognition software Dragon NaturallySpeaking (*) which is compatible with Sound Organizer to perform voice recognition for a file and convert the voice to text.

* The application software, Dragon NaturallySpeaking (DVD-ROM) is supplied with some models in some countries or regions only.

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System requirements for using Sound Organizer

The following shows the system requirements for using Sound Organizer.

Operating systems

- Windows 8
- Windows 8 Pro
- Windows 7 Ultimate
- Windows 7 Professional
- Windows 7 Home Premium
- Windows 7 Home Basic
- Windows 7 Starter
- Windows Vista Ultimate Service Pack 2 or higher
- Windows Vista Business Service Pack 2 or higher
- Windows Vista Home Premium Service Pack 2 or higher
- Windows Vista Home Basic Service Pack 2 or higher
- Windows XP Media Center Edition 2005 Service Pack 3 or higher
- Windows XP Media Center Edition 2004 Service Pack 3 or higher (*)
- Windows XP Media Center Edition Service Pack 3 or higher (*)
- Windows XP Professional Service Pack 3 or higher
- Windows XP Home Edition Service Pack 3 or higher

Pre-installed

* Excluding China

Note

- One of the above operating systems should be by default pre-installed. Upgraded operating systems or multi-boot environment are not supported.
- 64 bit versions of Windows XP are not supported.

IBM PC/AT or compatible

- CPU
Windows XP: Pentium III processor of 500 MHz or faster
Windows Vista: Pentium III processor of 800 MHz or faster
Windows 7: Pentium III processor of 1 GHz or faster
Windows 8: Pentium III processor of 1 GHz or faster
- Memory
Windows XP: At least 256 MB
Windows Vista: At least 512 MB (In the case of Windows Vista Ultimate/Business/Home Premium, at least 1 GB is recommended.)
Windows 7: At least 1 GB (32 bit version)/At least 2 GB (64 bit version)

Windows 8: At least 1 GB (32 bit version)/At least 2 GB (64 bit version)

- Free hard disk space

At least 400 MB is required.

Depending on the version of Windows, more than 400 MB may be used.

Also, free space for handling music data is required.

- Display settings

Screen resolution: 800 × 600 pixels or higher (1,024 × 768 pixels is recommended.)

Screen color: High Color (16 bit) or higher

- Sound card

A SoundBlaster compatible card is recommended.

- USB port

A compatible USB port is required to use devices and media.

Operation via a USB hub is not guaranteed except for models for which operation has been specifically guaranteed.

- Disk drive

To create a music CD, you need a CD-R/RW drive.

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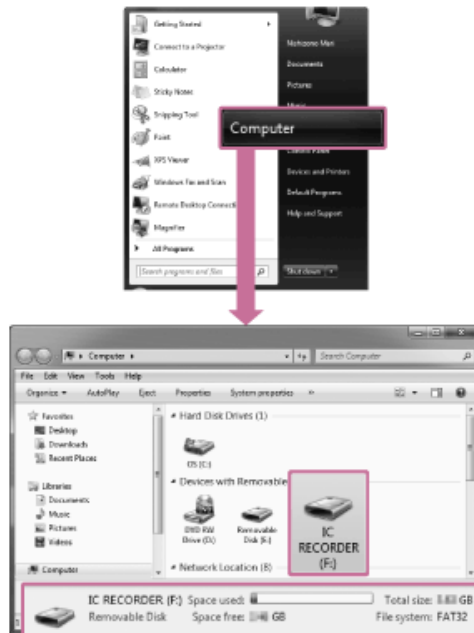
Installing Sound Organizer (for Windows only)

Install Sound Organizer on your computer.

Note

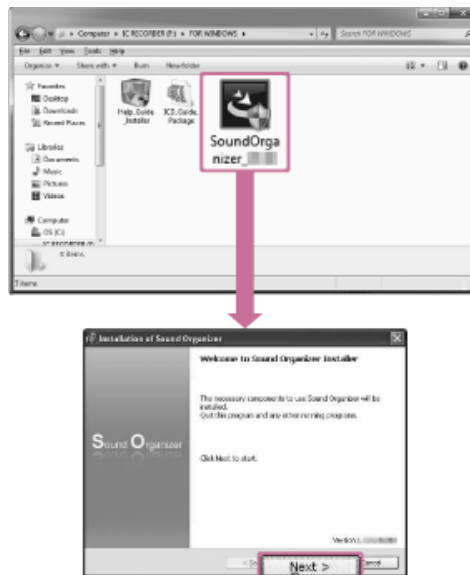
- When installing Sound Organizer, log in to an account with administrator privileges. Also, if you are using Windows 7/Windows 8 and the [User Account Control] screen appears, confirm the contents of the screen and then click [Yes] ([Continue] in the case of Windows Vista).
- Sound Organizer cannot be started by a user with limited privileges in Windows XP.
- To use the software update function in Windows XP, you must log on to an account with computer administrator privileges.
- The Windows Media Format Runtime module is added by the installer of Sound Organizer. This module is not removed when Sound Organizer is uninstalled. However, it may not be installed if it has been preinstalled.
- The data in the content storage folders is not deleted when Sound Organizer is uninstalled.
- In an installation environment in which multiple operating systems are installed on one computer, do not install Sound Organizer in each of the operating systems. Doing so may result in data inconsistencies.

1. Connect the IC recorder to the computer.
2. Go to the [Start] menu, click [Computer] (or [My Computer]), and then double-click [IC RECORDER] - [FOR WINDOWS].



The display that appears on the computer screen differs depending on the version of the operating system you are using. Windows 7 is used as an example in this Help Guide.

3. Double-click [SoundOrganizerInstaller_V140] (or [SoundOrganizerInstaller_V140.exe]).



Depending on the version of the operating system you are using, the preparations for setup (extract) may start automatically without any notice appearing on the screen.

In such a case, follow the instructions that appear on the screen.

4. Make sure that you accept the terms of the license agreement, select [I accept the terms in the license agreement], and then click [Next].
5. When the [Setup Type] window appears, select [Standard] or [Custom], and then click [Next].
Follow the instructions on the screen and set the installation settings when you select [Custom].
6. When the [Ready to Install the Program] window appears, click [Install].
The installation starts.
7. When [Sound Organizer has been installed successfully.] window appears, check [Launch Sound Organizer Now], and then click [Finish].

Note

- You may need to restart your computer after installing Sound Organizer.

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Related Topic

- [Connecting the IC recorder to your computer](#)

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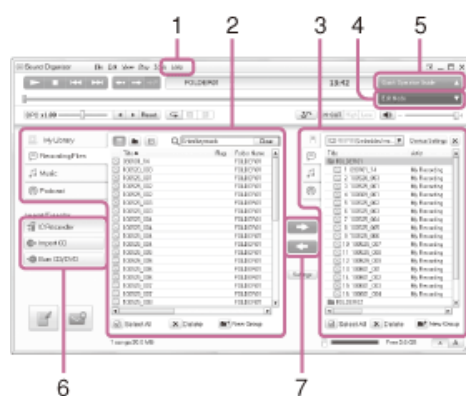
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The Sound Organizer window (for Windows only)



1. Help
Displays the help of Sound Organizer. For details on each operation, refer to these help files.
2. The file list of Sound Organizer (My Library)
Displays a list of files included in My Library of Sound Organizer in accordance with the operation.
 - Recording Files: Displays a list of recording files. Recording files that were recorded with an IC recorder appear in this library when they are imported.
 - Music: Displays a list of music files. Songs imported from a music CD appear in this library.
 - Podcast: Displays a list of podcasts.
3. The file list of the IC recorder
Displays the files saved to the connected IC recorder or memory card.
4. Edit Mode button
Displays the edit area so that you can edit a file.
5. Quick Operation Guide button
Displays the Quick Operation Guide to receive guidance on the basic features of Sound Organizer.
6. Sidebar (Import/Transfer)
 - IC Recorder: Displays the transfer screen. A list of files on a connected device appears.
 - Import CD: Displays the screen for importing music CDs.
 - Burn CD/DVD: Displays the screen for burning discs.
7. Transfer buttons
 - : Transfers the files of Sound Organizer to an IC recorder or memory card.
 - ←: Imports the files of an IC recorder or memory card to My Library of Sound Organizer.

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About compatible memory cards

You can use the following memory cards with the IC recorder.

- microSD cards of up to 2 GB: supported
- microSDHC cards from 4 GB to 32 GB: supported
- microSDXC cards of 64 GB or more: not supported
- M2™ cards of up to 16 GB: supported

Due to the file system specifications of the IC recorder, you can record and play back an LPCM file smaller than 2 GB, and an MP3/WMA/AAC-LC file smaller than 1 GB using a memory card.

Note

- In this Help Guide, M2™ and microSD cards are generally referred to as a “memory card.” The M2™/microSD card slot is referred to as the “memory card slot.”
- Operations of all types of compatible memory cards are not guaranteed.

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System requirements

When you use the IC recorder connected to a computer or as a USB mass storage device, your computer must meet the operating system requirements and port environment described below.

To use your computer with the Sound Organizer software, see “[System requirements for using Sound Organizer](#).”

Operating systems

- Windows 8
- Windows 8 Pro
- Windows 7 Ultimate Service Pack 1 or higher
- Windows 7 Professional Service Pack 1 or higher
- Windows 7 Home Premium Service Pack 1 or higher
- Windows 7 Home Basic Service Pack 1 or higher
- Windows 7 Starter Service Pack 1 or higher
- Windows Vista Ultimate Service Pack 2 or higher
- Windows Vista Business Service Pack 2 or higher
- Windows Vista Home Premium Service Pack 2 or higher
- Windows Vista Home Basic Service Pack 2 or higher
- Windows XP Media Center Edition 2005 Service Pack 3 or higher
- Windows XP Media Center Edition 2004 Service Pack 3 or higher (*)
- Windows XP Media Center Edition Service Pack 3 or higher (*)
- Windows XP Professional Service Pack 3 or higher
- Windows XP Home Edition Service Pack 3 or higher
- Mac OS X (v10.3.9-v10.8)

Pre-installed

* Excluding China

Note

- One of the above operating systems should be by default pre-installed. Any operating system other than those indicated above (Windows 98, Windows 2000 or Linux, etc.), upgraded operating systems or multi-boot environment are not supported.
- 64 bit versions of Windows XP are not supported.
- For the latest version information and compatibility with your operating system, please access the support home page for the IC recorder (see “[Customer support websites](#)”).

Hardware environment

Sound board: Sound boards compatible with any of the supported operating systems

- Port: USB port
- Disk drive: To create a music CD, you need a CD-R/RW drive.

Note

The following systems are not supported:

- Operating systems other than the ones indicated in this topic
- Personally constructed computers or operating systems
- Upgraded operating systems
- Multi-boot environment
- Multi-monitor environment

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Design and specifications

Capacity (User available capacity: when the built-in memory is formatted with the IC recorder)

ICD-SX733

4 GB (approx. 3.20 GB = 3,435,973,837 Byte)

ICD-SX734

8 GB (approx. 6.40 GB = 6,871,947,674 Byte)

ICD-SX1000

16 GB (approx. 12.80 GB = 13,743,895,347 Byte)

A small amount of the built-in memory is used for file management and therefore not available for user storage.

Note that when the built-in memory is formatted, the Help Guide and the Sound Organizer software stored in the IC recorder will be deleted.

Maximum number of folders (for a drive)

400 folders

Maximum number of files (for a folder)

199 files

Maximum number of files (for a drive)

4,074 files (When 21 folders are contained in a drive.)

Frequency range

LPCM 96kHz/24bit: 40 Hz - 40,000 Hz (*1)

LPCM 44.1kHz/16bit: 40 Hz - 20,000 Hz

MP3 320kbps: 40 Hz - 20,000 Hz

MP3 192kbps: 40 Hz - 18,000 Hz

MP3 128kbps: 40 Hz - 16,000 Hz

MP3 48kbps(MONO): 40 Hz - 14,000 Hz

Compatible file formats

MP3 (*2)

Bit rate: 32 kbps - 320 kbps (Supports variable bit rate (VBR))

Sampling frequencies: 16/22.05/24/32/44.1/48 kHz

File extension: .mp3

WMA (*3)

Bit rate: 32 kbps - 192 kbps, (Supports variable bit rate (VBR))

Sampling frequencies: 44.1 kHz

File extension: .wma

AAC-LC (*4)

Bit rate: 16 kbps - 320 kbps, (Supports variable bit rate (VBR))

Sampling frequencies: 11.025/12/16/22.05/24/32/44.1/48 kHz

File extension: .m4a

LPCM (*5)

Sampling frequencies: 22.05/44.1 kHz

Quantization bit rate: 16 bit

File extension: .wav

LPCM (*1)

Sampling frequencies: 22.05/44.1/48/96/176.4/192

Quantization bit rate: 16 bit

File extension: .wav

LPCM (*1)

Sampling frequencies: 44.1/48/96/176.4/192

Quantization bit rate: 24 bit

File extension: .wav

Speaker

Approx. 10 mm × 6 mm (13/32 in. × 1/4 in.)

Input/Output**Microphone jack (minijack, stereo)**

Input impedance: approx. 4 kΩ

Input for plug in power, minimum input level: approx. 1.5 mV

Headphone jack (minijack, stereo)

Output for 16 Ω to 32 Ω impedance headphones

USB connector (Type-A)

High-Speed USB compatible

Card slot

Memory Stick Micro™ (M2™)/microSD memory card slot

Playback speed control (DPC)

3.00 times - 0.25 times

Power output

150 mW

Power requirements

Built-in rechargeable lithium-ion battery: 3.7 V DC

Operating temperature

5 °C - 35 °C (41 °F to 95 °F)

Dimensions (w/h/d) (not incl. projecting parts and controls) (JEITA) (*6)**ICD-SX733/SX734**

Approx. 39.6 mm × 108.6 mm × 14.9 mm (1 9/16 in. × 4 3/8 in. × 19/32 in.)

ICD-SX1000

Approx. 39.6 mm × 110.8 mm × 14.6 mm (1 9/16 in. × 4 3/8 in. × 19/32 in.)

Mass (JEITA) (*6)**ICD-SX733/SX734**

Approx. 81 g (2 3/4 oz)

ICD-SX1000

Approx. 82 g (3 oz)

Supplied accessories

See "Quick Start Guide" supplied with your IC recorder.

Design and specifications are subject to change without notice.

*1 ICD-SX1000 only

*2 The playback of MP3 files recorded using the IC recorder is also supported. Not all encoders are supported.

*3 WMA Ver. 9 is compatible, however, MBR (Multi Bit Rate), Lossless, Professional, and Voice are not supported. Copyright-protected file cannot be played back. Not all encoders are supported.

*4 Copyright-protected file cannot be played back. Not all AAC encoders are supported.

*5

ICD-SX733/SX734 only

*6 Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association)

Maximum recording time (*1)(*2)

The maximum recording time of all the folders is as follows.

LPCM 96kHz/24bit (*3)

Built-in memory

6 h. 35 m.

Memory card

2 GB: 55 m.

4 GB: 1 h. 50 m.

8 GB: 3 h. 40 m.

16 GB: 7 h. 25 m.

32 GB: 14 h. 50 m.

LPCM 44.1kHz/16bit (🎧 / 51 / 52)

Built-in memory

ICD-SX733: 5 h. 20 m.

ICD-SX734: 10 h. 45 m.

ICD-SX1000: 21 h. 35 m.

Memory card

2 GB: 3 h.

4 GB: 6 h. 5 m.

8 GB: 12 h. 10 m.

16 GB: 24 h. 20 m.

32 GB: 48 h. 40 m.

MP3 320kbps

Built-in memory

ICD-SX733: 23 h. 50 m.

ICD-SX734: 47 h. 40 m.

ICD-SX1000: 95 h. 25 m.

Memory card

2 GB: 13 h. 25 m.

4 GB: 26 h. 50 m.

8 GB: 53 h. 40 m.

16 GB: 107 h.

32 GB: 214 h.

MP3 192kbps (🎧 / 🎧 / 🎧 / 🎧)

Built-in memory

ICD-SX733: 39 h. 45 m.

ICD-SX734: 79 h. 30 m.

ICD-SX1000: 159 h.

Memory card

2 GB: 22 h. 20 m.

4 GB: 44 h. 40 m.

8 GB: 89 h. 25 m.

16 GB: 178 h.

32 GB: 357 h.

MP3 128kbps (🎧)

Built-in memory

ICD-SX733: 59 h. 35 m.

ICD-SX734: 119 h.
ICD-SX1000: 238 h.

Memory card

2 GB: 33 h. 30 m.
4 GB: 67 h. 5 m.
8 GB: 134 h.
16 GB: 268 h.
32 GB: 536 h.

MP3 48kbps(MONO)

Built-in memory

ICD-SX733: 159 h.
ICD-SX734: 318 h.
ICD-SX1000: 636 h.

Memory card

2 GB: 89 h. 25 m.
4 GB: 178 h.
8 GB: 357 h.
16 GB: 715 h.
32 GB: 1,431 h.

(h.: hours/m.: minutes)

*¹ When you are going to record continuously for a long time, you may need an USB AC adaptor (not supplied). For details on the battery life, see "[Battery life](#)."

*² The maximum recording time in this topic for your reference only, and may differ depending on the card specifications.

*³ ICD-SX1000 only

The maximum playback time of a music file / number of files (*1)

48 kbps

ICD-SX733

Playback time: 159 h.
Number of files: 2,385 files

ICD-SX734

Playback time: 318 h.
Number of files: 4,770 files

ICD-SX1000

Playback time: 636 h.
Number of files: 9,540 files

128 kbps

ICD-SX733

Playback time: 59 h. 35 m.
Number of files: 893 files

ICD-SX734

Playback time: 119 h.
Number of files: 1,785 files

ICD-SX1000

Playback time: 238 h.
Number of files: 3,570 files

256 kbps

ICD-SX733

Playback time: 29 h. 45 m.
Number of files: 446 files

ICD-SX734

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Playback time: 59 h. 35 m.

Number of files: 893 files

ICD-SX1000

Playback time: 119 h.

Number of files: 1,785 files

(h.: hours/m.: minutes)

*¹ In the case where MP3 files of 4 minutes each are transferred to the IC recorder.

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Battery life

When using a built-in rechargeable lithium-ion battery (*1)

LPCM 96kHz/24bit (*2)

Recording: Approx. 12 h.

Playback through speaker (*3): Approx. 16 h.

Playback using the headphones: Approx. 16 h.

LPCM 44.1kHz/16bit

Recording: Approx. 19 h.

Playback through speaker (*3): Approx. 18 h.

Playback using the headphones (ICD-SX733/SX734): Approx. 25 h.

Playback using the headphones (ICD-SX1000): Approx. 22 h.

MP3 320kbps

Recording: Approx. 17 h.

Playback through speaker (*3): Approx. 18 h.

Playback using the headphones (ICD-SX733/SX734): Approx. 25 h.

Playback using the headphones (ICD-SX1000): Approx. 22 h.

MP3 192kbps

Recording: Approx. 17 h.

Playback through speaker (*3): Approx. 18 h.

Playback using the headphones (ICD-SX733/SX734): Approx. 25 h.

Playback using the headphones (ICD-SX1000): Approx. 22 h.

MP3 128kbps

Recording: Approx. 17 h.

Playback through speaker (*3): Approx. 18 h.

Playback using the headphones (ICD-SX733/SX734): Approx. 25 h.

Playback using the headphones (ICD-SX1000): Approx. 22 h.

MP3 48kbps(MONO)

Recording: Approx. 19 h.

Playback through speaker (*3): Approx. 18 h.

Playback using the headphones (ICD-SX733/SX734): Approx. 25 h.

Playback using the headphones (ICD-SX1000): Approx. 22 h.

Music file (MP3: 128 kbps/44.1 kHz)

Recording: —

Playback through speaker (*3): Approx. 18 h.

Playback using the headphones (ICD-SX733/SX734): Approx. 25 h.

Playback using the headphones (ICD-SX1000): Approx. 22 h.

Music file (LPCM: 192 kHz/24 bit) (*2)

Recording: —

Playback through speaker (*3): Approx. 12 h.

Playback using the headphones: Approx. 13 h.

(h.: hours/m.: minutes)

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*¹ Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association). The battery life may shorten depending on how you operate the IC recorder.

*² ICD-SX1000 only

*³ When playing back music through the internal speaker with the volume level set to 27

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On power

Operate the unit only on 3.7 V DC with the built-in rechargeable lithium-ion battery.

On safety

Do not operate the unit while driving, cycling or operating any motorized vehicle.

On handling

- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.
- Should any solid object or liquid fall into the unit, remove the battery and have the unit checked by qualified personnel before operating it any further.
- Be careful not to allow water to splash on the unit. The unit is not waterproof. In particular, be careful in the following situations.
 - When you have the unit in your pocket and go to the bathroom, etc. When you bend down, the unit may drop into the water and may get wet.
 - When you use the unit in an environment where the unit is exposed to rain, snow, or humidity.
 - In circumstances where you get sweaty. If you touch the unit with wet hands or if you put the unit in the pocket of sweaty clothes, the unit may get wet.
- You may feel pain in your ears if you use the headphones when the ambient air is very dry. This is not because of a malfunction of the headphones, but because of static electricity accumulated in your body. You can reduce static electricity by wearing non-synthetic clothes that prevent the emergence of static electricity.

On noise

- Noise may be heard when the unit is placed near an AC power source, a fluorescent lamp or a mobile phone during recording or playback.
- Noise may be recorded when an object, such as your finger, etc., rubs or scratches the unit during recording.

On maintenance

To clean the exterior, use a soft cloth slightly moistened in water. Then use a soft dry cloth to wipe the exterior. Do not use alcohol, benzine or thinner.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Backup recommendations

To avoid potential risk of data loss caused by accidental operation or malfunction

of the IC recorder, we recommend that you save a backup copy of your recorded files to a computer, etc.

On using a memory card

- When formatting (initializing) a memory card, make sure to use the IC recorder to format it. Operations of the memory cards formatted with Windows or other devices are not guaranteed.
- If you format a memory card containing recorded data, the recorded data will be deleted. Be careful not to delete important data.
- Do not leave a memory card within the reach of small children. They might accidentally swallow it.
- Do not insert or remove a memory card during recording/playback/formatting. Doing so may cause a malfunction of the IC recorder.
- Do not remove a memory card while the “Accessing...” animation appears in the display window or the access lamp is flashing in orange. Doing so may damage the data.
- We do not guarantee the operations of all types of compatible memory cards with the IC recorder.
- For compatible M2™, please refer to the Sony website.
- “MagicGate™” is the collective name of content protection technologies developed by Sony. The IC recorder does not support data recording/playback that requires MagicGate™ functions.
- The IC recorder does not support parallel data transfer.
- You cannot use a ROM (read-only-memory) type or write-protected memory card.
- Data may be corrupted in the following cases:
 - When a memory card is removed or the IC recorder is turned off during a read or write operation.
 - When a memory card is used in locations subject to static electricity or electrical noise.
- We assume no responsibility for any loss or damage of recorded data.
- We recommend that you save a backup copy of the important data.
- Do not touch the terminal of a memory card with your hand or a metal object.
- Do not strike, bend or drop a memory card.
- Do not disassemble or modify a memory card.
- Do not expose a memory card to water.
- Do not use a memory card under the following conditions:
 - Locations beyond the required operating conditions, including locations, such as the hot interior of a car parked in the sun and/or in the summer, the outdoors exposed to direct sunlight, or a place near a heater.
 - Humid locations or locations with corrosive substances present.
- When using a memory card, make sure to check the correct insertion direction into the memory card slot.

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WARNING

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

- The recorded music is limited to private use only. Use of the music beyond this limit requires permission of the copyright holders.
- Sony is not responsible for incomplete recording/downloading or damaged data due to problems of the IC recorder or computer.
- Depending on the types of the text and characters, the text shown on the IC recorder may not be displayed properly on device. This is due to:
 - The capacity of the connected IC recorder.
 - The IC recorder is not functioning normally.
 - Content information is written in the language or the character that is not supported by the IC recorder.

For users in France



At high volume, prolonged listening to the personal audio player can damage the user's hearing.

If you need to replace the headphones/earphones, please refer to the headphones/earphones model corresponding to your device and indicated below.
MDR-E706 (ICD-SX733)/MDR-EX0300E (ICD-SX1000)

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential

negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.
Applicable accessory: Headphones

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)



This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.

On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Notice for the customers: the following information is only applicable to equipment sold in the countries applying EU directives

This product has been manufactured by or on behalf of Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

To prevent possible hearing damage, do not listen at high volume levels for long periods.



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Listening for a Lifetime

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer, the Consumer Electronics Association (CEA) ® and the American Speech- Language-Hearing Association (ASHA) want you to get the most out of your equipment by playing it at a safe level; a level that lets the sound come through clearly without annoying blaring or distortion and, most importantly, without damaging your sensitive hearing.

Sound can be deceiving. Over time your hearing “comfort level” adapts to higher volumes of sound. So what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

TO ESTABLISH A SAFE LEVEL

- Set your volume control to the lowest level where you can hear the music comfortably and clearly. Prolonged exposure to anything over 85 decibels can cause gradual hearing loss.
- Once you have established a sound level where you can hear the audio comfortably, clearly and without distortion, set the dial and leave it there.
- See if your music player has a volume limiter that allows you to set a safe listening level by establishing a maximum volume level on your player. This is a great solution for parents to ensure their children listen at a safe level.
- Limit listening time to give your hearing “quiet breaks.”

BE SURE TO OBSERVE THE FOLLOWING GUIDELINES WHEN WEARING YOUR HEADPHONES OR EARBUDS

- Do not turn up the volume so high that you can't hear sounds around you.
- Do not use headphones or earbuds while operating a motorized vehicle; it may create a traffic hazard and is illegal in many areas.

Used wisely, your new sound equipment will provide years of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer, CEA and ASHA recommend that you avoid prolonged exposure to excessive noise. The following list of sound levels is included for your information so that you can better protect your hearing.

DECIBEL LEVEL EXAMPLES:

30 Whisper
40 Quiet room
50 Moderate rainfall
60 Normal conversation
70 Busy traffic, vacuum cleaner

80 Alarm clock

CONSTANT EXPOSURE TO THESE NOISES CAN BE DANGEROUS:

90 Lawn mower, motorcycle

100 Chain saw

110 Rock concert

120 Jet plane takeoff

130 Jackhammer

140 Firecrackers

This information courtesy of the American Speech-Language-Hearing Association (ASHA), the national professional, scientific and credentialing association for more than 135,000 audiologists, speech-language pathologists, and speech, language and hearing scientists. For information on protection against noise-induced hearing loss, call the ASHA Action Center (800-638-8255), Monday through Friday, 8:30 a.m. to 5 p.m. To find an audiologist in your area, visit www.asha.org/findpro.

Parents can find helpful information about how to protect their children's hearing and how to teach them about safe listening at www.listentoyourbuds.org, an ASHA award-winning public education campaign sponsored in part by CEA.

A safety tip from the Consumer Electronics Association, 1919 South Eads Street, Arlington, VA 22202 and the American Speech-Language-Hearing Association, 2200 Research Boulevard, Rockville, MD 20850.

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Trademarks

- Microsoft, Windows, Windows Vista and Windows Media are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Mac OS is a trademark of Apple Inc., registered in the USA and other countries.
- Pentium is a registered trademark of Intel Corporation.
- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- microSD and microSDHC logos are trademarks of SD-3C, LLC.



- "Memory Stick Micro," "M2" and  are trademarks or registered trademarks of Sony Corporation.



- "MagicGate" is a trademark of Sony Corporation.
- Nuance, the Nuance logo, Dragon, Dragon NaturallySpeaking, and RealSpeak are trademarks and/or registered trademarks of Nuance Communications Inc., and/or its affiliates in the United States and/or other countries.

All other trademarks and registered trademarks are trademarks or registered trademarks of their respective holders. Furthermore, "TM" and "®" are not mentioned in each case in this Help Guide.

This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary. The "Sound Organizer" uses software modules as shown below:
Windows Media Format Runtime

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Notice for users

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Sony Corporation reserves the right to make any modification to this Help Guide or the information contained herein at any time without notice.

- The software described herein may also be governed by the terms of a separate user license agreement.
- This software is for Windows and cannot be used for Mac.
- The supplied connection support cable is for the IC recorder ICD-SX733/SX734/SX1000. You cannot connect other IC recorders.
- Display windows in this Help Guide may differ from what are actually displayed on your IC recorder depending on the area you purchased the IC recorder and the settings you have made.

What you record is for personal enjoyment and use only. Copyright laws prohibit other forms of use without the permission of the copyright holders. The use of media and Memory Stick™ media for recording copyright-protected graphics or other data is limited to the restrictions specified under applicable copyright laws. Any use beyond those restriction is prohibited.

This product supports “Memory Stick Micro™ (M2™)” media. “M2™” is an abbreviated form of “Memory Stick Micro™.” Hereinafter, “M2™” is used in this Help Guide.

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Notes on the License

This IC recorder comes with software that are used based on licensing agreements with the owners of that software.

Based on requests by the owners of copyright of these software applications, we have an obligation to inform you of the following. Please read the following sections.

Licenses (in English) are recorded in the internal memory of your IC recorder. Establish a Mass Storage connection between the IC recorder and a computer to read licenses in the "LICENSE" folder.

On GNU GPL/LGPL applied software

The software that is eligible for the following GNU General Public License (hereinafter referred to as "GPL") or GNU Lesser General Public License (hereinafter referred to as "LGPL") are included in the IC recorder.

This informs you that you have a right to have access to, modify, and redistribute source code for these software programs under the conditions of the supplied GPL/LGPL.

Source code is provided on the web. Use the following URL to download it.

<http://www.sony.net/Products/Linux/>

We would prefer you do not contact us about the contents of source code.

Licenses (in English) are recorded in the internal memory of your IC recorder.

Establish a Mass Storage connection between the IC recorder and a computer to read licenses in the "LICENSE" folder.

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Customer support websites

Please access the following support home page to get the support information about your IC recorder:

For customers in Europe:

<http://support.sony-europe.com/DNA>

For customers in the U.S.A.:

<http://www.sony.com/recordersupport>

For customers in Canada:

<http://www.sony.ca/ElectronicsSupport>

<http://fr.sony.ca/ElectronicsSupport>

For customers in other countries/regions:

<http://www.sony-asia.com/support>

Note that recorded files may be deleted during service or repair work.

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Before taking the IC recorder for repair, check it as follows.

- Check the items listed in “Troubleshooting.”
- Charge the battery.
Some problems may be solved when the battery is charged.
- Check the Sound Organizer help.
For details on the operation of Sound Organizer, refer to the Sound Organizer help.

Should any problem persist after you have made these checks, consult your nearest Sony dealer.

Please access the following support home page to get the support information about your IC recorder:

For customers in Europe:

<http://support.sony-europe.com/DNA>

For customers in the U.S.A.:

<http://www.sony.com/recordersupport>

For customers in Canada:

<http://www.sony.ca/ElectronicsSupport>

<http://fr.sony.ca/ElectronicsSupport>

For customers in other countries/regions:

<http://www.sony-asia.com/support>

Note that recorded files may be deleted during service or repair work.

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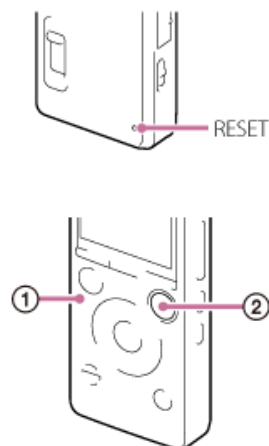
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Resetting the IC recorder



When a problem persists after you check any corrective actions listed in the “Troubleshooting” topics, you may solve the problem by resetting the IC recorder. Press the RESET button with a small pin, etc. If you press the RESET button while operating the IC recorder, stored data and settings may be deleted. Before resetting, make sure that the access lamp (①) and the recording lamp (②) are not lit.

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The recorded file is noisy and is hard to understand.

- Noise from the recording environment other than the human voice is recorded. If you set “Noise Cut” in the menu to “Auto,” “Maximum,” or “Medium,” the IC recorder reduces the extraneous noise, such as mechanical noise from projectors or air-conditioners. This function reduces noise in the entire bandwidth, therefore the IC recorder is able to play back the human voice clearly.

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The recorded file is noisy and you want to record with less noise in your recording.

- If you set “LCF(LowCut)” in the menu to “ON” before recording, you can record a file with less noise from the recording environment. Furthermore, you can use the Scene Select function, which allows you to change various recording settings (REC Mode, Built-in Mic Setting, etc.) to the recommended settings in one batch process to suit the situation in which you are recording.

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Related Topic

- [Reducing noise when recording \(LCF\(Low Cut\)\)](#)
- [Selecting a recording scene for each situation](#)

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A rustling noise is recorded.

- A rustling noise may be recorded if the IC recorder is rubbed by your hand or clothing while you are recording.
If possible, please do not touch the IC recorder until you finish recording.

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A buzzing or humming noise is recorded.

- A buzzing or humming noise may be recorded if the IC recorder is placed near an AC power source, a fluorescent lamp, or a mobile phone during recording or playback.
Keep the IC recorder away from such equipment when recording.

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List of Topics

Noise is recorded when you record a file using an external microphone (not supplied).

- The plug of the connected external microphone is dirty.
Clean the plug.

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List of Topics

Noise is heard when you listen to the file using headphones.

- The plug of the connected headphones is dirty.
Clean the plug.

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Noise is heard in the playback even though the noise cut function is active.

- When playing back files using the built-in speaker, the noise cut function does not work.
- When the noise cut function is set to “Auto,” the IC recorder adjusts the noise cut level automatically. When you play a file recorded with the Scene Select function set to “Auto Voice Rec,” “Meeting,” “Lecture,” “Voice Notes,” or “Interview,” the noise cut function will switch to “Medium” automatically.

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The IC recorder cannot be turned on. The IC recorder does not operate, even if you press any button.

- The battery is weak.
- The power of the IC recorder is off.
Slide and hold the POWER ON/OFF•HOLD switch in the direction of "POWER ON/OFF" until the window display appears. The power is turned on.
- The HOLD function is activated.
Slide the POWER ON/OFF•HOLD switch in the center direction.

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Related Topic

- [Turning the power on](#)
- [Parts and controls](#)
- [Releasing the HOLD function](#)

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The IC recorder cannot be turned off.

- Slide and hold the POWER ON/OFF•HOLD switch in the direction of “POWER ON/OFF” until “Power Off” animation is displayed when the IC recorder is stopped. The power is turned off.

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Related Topic

- [Turning the power off](#)
- [Parts and controls](#)

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The IC recorder is powered off automatically.

- When the IC recorder is in the stop mode and you leave the IC recorder without attempting an operation for a certain length of time, the auto power off function will take effect. (The length of time before auto power off is set to “10min” when you purchase the IC recorder.) You can select the length of time before auto power off takes effect in the menu.
- Sleep Timer is set.

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Related Topic

- [Setting the time period for the IC recorder to turn off \(Auto Power Off\)](#)

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The battery life is short.

- The battery life listed in this Help Guide is based on playback with the volume level set to 27. The battery life may shorten depending on the operation of the IC recorder.
- Even if you do not use the IC recorder, the battery is consumed slightly. If you do not intend to use the IC recorder for an extended period of time, it is recommended that you turn the power off. Moreover, if you set "Auto Power Off" to a short span in the menu, you can prevent the battery from being consumed due to forgetting to turn the IC recorder off.
- The battery indicator is displayed only for a short time, however, the rechargeable battery is not charged completely. It takes about 4 hours to fully charge an exhausted battery.
- The IC recorder has not been used for a certain time. Charge and discharge the rechargeable battery using the IC recorder several times.
- You are using the rechargeable battery in an environment with a temperature of under 5 °C (41 °F). Battery life becomes shorter as a result of the battery characteristics. This is not a malfunction.
- The rechargeable battery has deteriorated.
The rechargeable battery can be charged about 1,000 times (this depends on the environment where the IC recorder is used). If the length of time that the IC recorder can be used approximates only half of the normal time, even after the rechargeable battery is fully charged, consult your nearest Sony dealer.

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Related Topic

- [Turning the power off](#)
- [Setting the time period for the IC recorder to turn off \(Auto Power Off\)](#)
- [Battery life](#)

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You cannot charge the battery by connecting the IC recorder to your computer.

- When you connect the IC recorder to a computer which is not running, the battery will not be charged. Even if the computer is on, and the computer is in a mode of reduced operation (standby or sleep), you cannot charge the battery.
- Disconnect the IC recorder from your computer and reconnect it.
- Operation is not guaranteed if you use any system requirements other than those described in this Help Guide.

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Related Topic

- [Design and specifications](#)
- [System requirements](#)

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The charging indicator is not displayed or disappears in the middle of charging.

- The USB connector of the IC recorder is not connected properly.
- While playing back files using the built-in speaker, you cannot charge the battery.
- The rechargeable battery performance has deteriorated.
If you do not intend to use the IC recorder for a long period of time, you may not be able to enjoy the same performance as the original battery performance. If you charge and discharge the battery power repeatedly, the battery may recover its ability to take and hold a charge.
If the rechargeable battery does not recover its ability, consult your nearest Sony dealer.

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“COLD” or “HOT” is flashing instead of the battery indicator.

- “**COLD**” or “**HOT**” flashes when the environmental temperature is out of the range for charging. Charge the battery in an environment with a temperature of 5 °C - 35 °C (41 °F - 95 °F).

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The IC recorder does not operate correctly.

- You may have formatted the memory of the IC recorder using the computer. Use the IC recorder formatting function to format the memory.

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Related Topic

- [Formatting the memory \(Format\)](#)

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The recording lamp and the access lamp do not light.

- “LED” is set to “OFF.”
Display the menu and set “LED” to “ON.”

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Related Topic

- [Turning the recording lamp/the access lamp on or off \(LED\)](#)

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You cannot record a file.

- The remaining memory capacity is insufficient.
- You cannot record a file when you select a folder in the playback-only area (the  tab and the  tab).

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Recording is interrupted.

- The VOR function is activated. When you are not using the VOR function, set “VOR” to “OFF” in the menu.

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Related Topic

- [Starting to record automatically in response to sound – the VOR function](#)

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The VOR function does not work.

- During manual recording or synchronized recording, the VOR function does not work.

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Related Topic

- [Starting to record automatically in response to sound – the VOR function](#)

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When recording from other equipment, the input level is too strong or not strong enough.

- Connect the headphone jack of other equipment to the  (microphone) jack of the IC recorder and adjust the volume level on the piece of equipment connected to the IC recorder.
- If you use an audio connecting cable with high resistance, the input level becomes low during recording. Use an audio connecting cable without resistance.
- The sensitivity setting is set to "Low" or "Low(Music)." Set it to "High," "Medium," or "High(Music)."
- When the sensitivity setting is set to "Manual," adjust the recording level manually.

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Related Topic

- [Switching the directionality of the built-in microphones](#)
- [Recording sound manually](#)
- [Selecting the input mode and the input sensitivity of an external device \(Ext. Input Setting\)](#)

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The input sound is distorted.

- The sound source has parts that are too loud. Set “LIMITER” to “ON” in the menu.

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Related Topic

- [Adjusting the input level of loud sound automatically \(LIMITER\)](#)

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You cannot add a recording or an overwrite recording.

- “Add/Overwrite” is set to “OFF” in the menu. Set “Add/Overwrite” to “Add” or “Overwrite.”
- The remaining memory capacity is insufficient. The overwritten part will be deleted after the overwriting part finishes recording. Therefore, you can only overwrite within the remaining recording time.
- You cannot add a segment or overwrite a part of a file which was not recorded using the IC recorder.
- You cannot add a segment or overwrite a part of a file in a folder in the playback-only area (tab and the tab).
- You cannot add a segment to or overwrite a protected file.

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Related Topic

- [Adding a new segment to a previously recorded file](#)
- [Adding an overwrite recording during playback](#)

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The playback volume is low.

- The built-in speaker is mainly for monitoring, and the playback volume is low. Use the supplied headphones.
- If it is difficult to hear small sound of a recorded file, set “V-UP” to “Maximum” or “Medium.” Playback sound may become more audible.

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The playback sound becomes loud unexpectedly.

- The “V-UP” setting in the menu is set to “Maximum” or “Medium.” Set it to “OFF.”

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Related Topic

- [Adjusting the playback sound by amplifying inaudible sound – the digital voice up function](#)

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No sound comes from the speaker.

- Headphones are plugged in.

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Related Topic

- [Listening with better sound quality](#)

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Sound comes from the speaker even when the headphones are plugged in.

- If you plug in the headphones not securely during playback, the sound may come from the speaker.
Unplug the headphones, and then insert them securely.

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Sound effect does not change even when the “Effect” setting is changed.

- When you are using the built-in speaker, the effect function is invalid.
- When the “Noise Cut” in the menu is set to “Auto,” “Maximum,” or “Medium,” the effect function does not work.

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Related Topic

- [Reducing noise in the playback sound and making the human voice clearer – the noise cut function](#)

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Playback speed is too fast or too slow.

- The DPC (SPEED)/KEY CTRL switch has been set to “ON,” and you have changed the playback speed using ▲ or ▼ .
Slide the DPC (SPEED)/KEY CTRL switch to “OFF,” or change the playback speed to normal using ▲ or ▼ .

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Related Topic

- [Adjusting the playback speed and tones – the DPC \(Digital Pitch Control\) and the key control function](#)

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Playback sound is not good when a music file is played back.

- When you play back a music file with “Noise Cut” in the menu is set to “Auto,” “Maximum,” or “Medium,” playback sound may be deteriorated.
Set “Noise Cut” to “OFF.”

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Related Topic

- [Reducing noise in the playback sound and making the human voice clearer – the noise cut function](#)

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You cannot divide a file.

- You need a certain amount of free space in the memory to divide a file.
- 199 files have been recorded in the selected folder ().
Erase some of the files or erase all the files after you store them on the other memory media or on your computer.
- Because of the system limitations, you may not be able to divide a file at the very beginning or at the very end of the file.
- You cannot divide files other than those recorded using the IC recorder (e.g., a file transferred from a computer).
- You cannot divide a protected file. To divide the file, release the protection first.
- You cannot divide music files or podcast files.

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Related Topic

- [Erasing a file](#)

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You cannot move a file.

- You cannot move a  (Podcast) file.
- You cannot move a protected file.
- You cannot move a file to a memory card.

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You cannot copy a file to another memory.

- You cannot copy a  (Podcast) file to another memory.

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“--:--” is displayed.

- You have not set the clock.

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Related Topic

- [Setting the clock](#)
- [Setting the clock using the menu](#)

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The recording date of a file appears as “--y--m--d” or “--:--.”

- The date of recording will not be displayed if you recorded the file when the clock was not set.

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List of Topics

There are fewer menu items displayed in the menu mode.

- During playback, recording, or transcription playback mode, there are menu items that are not displayed.

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Related Topic

- [Menu list](#)

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The remaining time displayed in the display window is shorter than that displayed on the computer.

- The IC recorder requires a certain amount of memory for system operation. That amount is subtracted from the remaining time, which is the reason for the difference.

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The “Memory Full” animation is displayed and you cannot start recording.

- The memory is full.
Erase some of the files or erase all the files after you store them on the other memory media or on your computer.

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Related Topic

- [Erasing a file](#)

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List of Topics

The “File Full” animation is displayed and you cannot operate the IC recorder.

- 199 files have been recorded in the selected folder () or 4,074 files (when there are 21 folders) in total have been recorded. Therefore you cannot record another file, or move a file.

Erase some of the files or erase all the files after you store them on the other memory media or on your computer.

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Related Topic

- [Erasing a file](#)

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The memory card is not recognized.

- Remove a memory card and check the side of the memory card. Then insert it with correct side and direction.
- Switch the memory media of the IC recorder to "Memory Card."

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Related Topic

- [Inserting a memory card](#)
- [Selecting the memory](#)

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Even after you change a menu setting, the change is not applied to the menu.

- If the menu setting is changed using “IC Recorder Setting” of the Sound Organizer software with the exhausted battery, the menu setting may not function.

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A character in a folder or file name is displayed in unreadable characters.

- The IC recorder cannot support or display some special characters and symbols that are entered on a computer using Windows Explorer or the Mac Finder.

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It takes a long time to copy a file.

- If the file size of a file is large, it takes a considerable time to finish copying. Wait until the copying is finished.

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The IC recorder is not recognized by your computer.
A folder/file cannot be transferred from your computer.

- Disconnect the IC recorder from your computer and reconnect it.
- Do not use a USB hub or USB extension cable other than supplied USB connection support cable. Connect the IC recorder directly to your computer or use the supplied USB connection support cable.
- Operation is not guaranteed if you use any system requirements other than those described in this Help Guide.
- Depending on the USB port position, the IC recorder may not be recognized. If this happens, try another port.

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The file transferred from your computer is not displayed or cannot be played back.

- The IC recorder can recognize up to 8 levels of folders transferred to the IC recorder.
- The file format may differ from those that can be played back using the IC recorder (LPCM(.wav) / MP3(.mp3) / WMA(.wma) / AAC-LC(.m4a)). Check the compatible file formats.

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The computer cannot start.

- If you start the computer with the IC recorder connected to the computer, the computer may freeze or may not start properly.
Disconnect the IC recorder from the computer and reboot the computer again.

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The Sound Organizer software cannot be installed.

- The free disk or memory space on the computer is too small.
Check the hard disk and memory space.
- You are trying to install the software into the computer with the operating system that the Sound Organizer software does not support.
Install the software into the computer with the supported operating system.
- In Windows XP, you have logged on using a user name belonging to a user account with limitations. Or in Windows Vista, Windows 7, or Windows 8, you have logged on using a guest account.
Make sure to log on using a user name with computer administrator privileges.

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The IC recorder cannot be properly connected.

- Check that the installation of the software has been successful. Also check the connection as follows:
 - When using an external USB hub, connect the IC recorder directly to the computer or use the supplied USB connection support cable.
 - Disconnect and then connect the IC recorder.
 - Connect the IC recorder to another USB port.
- Your computer may be in the system standby/hibernate mode.
Do not let your computer enter into the system standby/hibernate mode while being connected to the IC recorder.
- Save a backup copy of all of the data stored on the built-in memory or the memory card, and then format the built-in memory or the memory card using the formatting function in the menu.

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Related Topic

- [Formatting the memory \(Format\)](#)

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Playback sound from the computer is low./No sound is emitted from the computer.

- No sound board is installed.
- No speaker is built-in or connected to the computer.
- The volume of the sound is turned down.
- Turn up the volume on the computer. (Refer to the instruction manual of the computer.)
- The volume of WAV files can be changed and saved using the “Increase Volume” feature of the Microsoft Sound Recorder.

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Stored files cannot be played back or edited.

- You cannot play back files whose file format the Sound Organizer software does not support. Depending on the file format, you cannot use part of editorial features of the software. Refer to the help files of the Sound Organizer software.

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The counter or slider moves incorrectly, or noise is heard.

- This happens when you play back files that you divided.
Store a file on your computer first (*), and then add it to the IC recorder.

* Select the saving file format that suits the IC recorder you use.

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Operation is slow when there are many files.

- When the total number of files increases, the operation becomes slower, regardless of the length of the recording time.

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Display does not work during saving, adding, or deleting of files.

- It takes a longer time to copy or delete long files.
Wait until the copying is finished. After completing operations, the display works normally.

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The software 'hangs' when the Sound Organizer software starts up.

- Do not disconnect the IC recorder while the computer is communicating with the IC recorder. Otherwise the computer operations become unstable or the data inside the IC recorder may be damaged.
- There may be conflict between the software and other driver or application.

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Messages list

Follow the instructions below if a message appears on the display.

HOLD. Slide HOLD Switch to Activate.

All the button operations are disabled because the IC recorder is in the HOLD status to prevent unintentional operations. Slide the POWER ON/OFF•HOLD switch towards the center to release the IC recorder from the HOLD status.

(See "[Releasing the HOLD function.](#)")

Low Battery Level

You cannot format the memory or erase all the files in a folder because of insufficient battery power. Charge the rechargeable battery.

(See "[Recharging the battery.](#)")

Charge Battery

The battery is exhausted. Charge the rechargeable battery.

(See "[Recharging the battery.](#)")

Low Battery to Update

The software update cannot be done because of the insufficient battery power. Charge the rechargeable battery.

(See "[Recharging the battery.](#)")

Memory Card Error

An error occurred while a memory card was being inserted into the memory card slot. Remove and try inserting it again. If this message persists, use a new memory card.

Memory Card Not Supported

A memory card that the IC recorder does not support is inserted.

(See "[About compatible memory cards.](#)")

Memory Card Locked

The memory card is write-protected. A write-protected memory card cannot be used with the IC recorder.

Read Only Memory Card

A read-only memory card is inserted. A read-only memory card cannot be used with the IC recorder.

Memory Card Access Denied

Since a memory card containing an access control function is inserted, you cannot use it.

Memory Full

The remaining memory capacity of the IC recorder is insufficient so that you cannot record or copy a file. Erase some files before recording.

(See "[Erasing a file.](#)")

File Full

When there are already the maximum number of files in the selected folder or the total number of files stored on the IC recorder has exceeded the maximum, you cannot record a new file. Erase some files before recording.

(See "[Erasing a file.](#)")

Settings are Full

- You can set up to 30 alarms. Cancel unwanted alarms.
- When you operate "Change Folder Name" function in the menu, there are 10 folders with the same folder name as the folder you selected. Please choose a different folder name from the templates.

Track Marks are Full

You can set up to 98 track marks for a file. Cancel unwanted track marks.

(See "[Erasing a track mark.](#)")

File Damaged

You cannot play back or edit files, because the data of the selected file is damaged.

Built-In Memory Needs to be Formatted / Memory Card Needs to be Formatted

The IC recorder cannot be turned on using the computer because there is no copy of the control file required for operation. Format the built-in memory or the memory card using the formatting function in the menu of the IC recorder. Do not use your computer to format the built-in memory or the memory card.

(See "[Formatting the memory \(Format\).](#)")

Process Error

- Save a backup copy of your data and format the built-in memory or the memory card using the menu of the IC recorder.
(See "[Formatting the memory \(Format\).](#)")
- If a problem persists, consult your nearest Sony dealer.

Stop and Reinsert Memory Card

A memory card was inserted during recording or playback. Remove the memory card and insert it while the IC recorder is in the stop mode.

Set Date&Time

Set the clock; otherwise, you cannot set the alarm.

No File

The selected folder does not have any files. You cannot move a file or set the alarm, etc., because of this.

No Track Marks

There are no track marks when you attempt to erase a track mark or track marks, or divide a file at all the track mark positions.

No Setting

If you have not set the alarm, the alarm list will not be displayed. Make the alarm setting for "New."

(See "[Playing back a file at a desired time with an alarm.](#)")

File Protected

The selected file is protected or is a "Read only" file. You cannot erase it. Cancel

the protection on the IC recorder or cancel “Read only” on your computer to edit the file using the IC recorder.

(See “[Protecting a file.](#)”)

Already Set

- The selected file has already been set for alarm playback. Select the other file.
- You set the alarm to play back a file at a date and time previously set on another file. Change the alarm setting.

Past Date/Time

You set the alarm when the time has already passed. Check it and set the appropriate date and time.

(See “[Playing back a file at a desired time with an alarm.](#)”)

Unknown Data

- This data is not in a file format that is supported by the IC recorder. The IC recorder supports LPCM(.wav)/MP3 (.mp3)/WMA(.wma)/AAC-LC(.m4a) files. (See “[Design and specifications.](#)”)
- You cannot play back copyright protected files.

Set Add/Overwrite

“Add/Overwrite” in the menu is set to “OFF.” You cannot add a recording or an overwrite recording.

(See “[Adding a new segment to a previously recorded file](#)” and “[Adding an overwrite recording during playback.](#)”)

Invalid Operation

- You cannot divide or set a track mark in files in the folder in the playback-only area (the  tab and the  tab).
- When a memory card has a bad block on it, the card cannot be written to. Prepare a new memory card to replace the current one.
- The file name has reached the maximum number of characters; you cannot divide the file. Shorten the file name.
- The “Divide All Track Marks” function cannot be used because there is a track mark within 0.5 seconds from the dividing position.
- The “Divide All Track Marks” function cannot be used because there is a track mark within 0.5 seconds from the beginning of a file or the end of a file.
- The file length is less than 1 second; you cannot divide such a short file.
- The “Divide Current Position” function cannot be used at a position within 0.5 seconds from the beginning of a file or the end of a file.

New File

The file being recorded has reached the maximum size limit (2 GB for an LPCM file, and 1 GB for an MP3 file). The file will be divided automatically and recording will continue as a new file.

Invalid when Noise Cut is ON

When “Noise Cut” in the menu is set to “Auto,” “Maximum,” or “Medium,” the effect function does not work. Set “Noise Cut” to “OFF.”

(See “[Reducing noise in the playback sound and making the human voice clearer – the noise cut function.](#)”)

Change Folder

If there are no files in the  or  folder, no folders are displayed in the display window. A folder containing a file will be displayed.

Cannot Divide - Exceeds Max 199 Files in Folder

When there are already 199 files in the selected folder or the total number of files stored on the IC recorder exceeds the maximum, you cannot divide a file. Erase some files before dividing a file.

(See “[Erasing a file.](#)”)

Same File Name Exists

A file of the same file name already exists in the folder, so a file cannot be created or renamed.

Erased Track Marks too near Divide Point

When there is a track mark set within 0.5 seconds from the dividing position, the track mark is automatically erased.

No operation with Memory Card

You cannot set an alarm in a file stored on a memory card. Switch the memory media of the IC recorder to “Built-In Memory.”

(See “[Selecting the memory.](#)”)

Check The Volume Level

The volume of the playback sound exceeds the specified volume level. Adjust the volume to a moderate level.

Turn off Scene Select

When the Scene Select function is set to a value other than “Scene Select Off,” “REC Mode,” “Sensitivity setting” for “Built-in Mic Setting” or “Ext. Input Setting,” “LCF(Low Cut),” “LIMITER” and “VOR” cannot be set.

(See “[Selecting a recording scene for each situation.](#)”)

System Error

A system error other than the above has occurred. Press the RESET button to restart the IC recorder. If the problem still persists, contact your nearest Sony dealer.

Continue REC in Other Memory

When “Cross-Memory REC” in the menu is enabled and the memory media currently being used becomes full during recording, the IC recorder switches to the other memory media and continues recording.

(See “[Recording across memory media – cross-memory recording.](#)”)

No Memory Card

There is no memory card inserted into the memory card slot when you attempt to set the “Select Memory,” “File Copy,” or “Cross-Memory REC” menus.

Manual Setting Only

“Sensitivity setting” for “Built-in Mic Setting” or “Ext. Input Setting” is not set to “Manual.” The LIMITER function does not work.

(See “[Adjusting the input level of loud sound automatically \(LIMITER\).](#)”)

Invalid in Manual Setting

“Sensitivity setting” for “Built-in Mic Setting” or “Ext. Input Setting” is set to “Manual.” The VOR function does not work.

(See “[Starting to record automatically in response to sound – the VOR function.](#)”)

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There are some system limitations of the IC recorder. Troubles as mentioned below are not malfunctions of the IC recorder.

You cannot record files up to the maximum recording time.

- If you record files in a mixture of the recording modes, the recordable time varies from the maximum recording time of the highest recording mode to those of the lowest recording mode.
- The sum of the number on the counter (elapsed recording time) and the remaining recording time may be less than the IC recorder's maximum recording time.

You cannot display or play back music files in order.

If you have transferred music files using your computer, those files may not be transferred in order of transfer because of system limitations. If you transfer music files from your computer to the IC recorder one by one, you can display and play back the music files in transferred order.

A file is divided automatically.

The file being recorded has reached the maximum size limit (2 GB for an LPCM file, and 1 GB for an MP3 file). Therefore it is automatically divided.

You cannot enter lowercase characters.

Depending on the combination of the characters used for the folder name that was made on your computer, those characters may change to all capitals.

Unreadable characters or "□" are displayed in a folder name, title, artist name, or file name.

A character which cannot be displayed on the IC recorder has been used. The IC recorder cannot support or display some special characters and symbols that are entered on a computer using Windows Explorer or the Mac Finder.

When you set A-B repeat playback, the set positions move a little.

Depending on the files, the set positions may move.

The remaining recording time becomes shorter when you divide a file.

You need a certain amount of free space for a file management area to divide a file, therefore the remaining recording time will be shortened.

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