

SONY®



IC Recorder

Operating Instructions

IC RECORDER

ICD-BX112

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http://www.sony.net/

CAUTION

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Notice for the customers in Canada

This Class B digital apparatus complies with Canadian ICES-003.

FOR UNITED STATES CUSTOMERS. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.

POUR LES CONSOMMATEURS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.

The following FCC statement applies only to the version of this model manufactured for sale in the USA. Other versions may not comply with FCC technical regulations.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures. Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For the customers in Europe

To prevent possible hearing damage, do not listen at high volume levels for long periods.

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.

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.

Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on its 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

The manufacturer of this product is Sony Corporation, 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Troubleshooting

Troubleshooting

Before taking the IC recorder for repair, check the following sections. Should any problem persist after you have made these checks, consult your nearest Sony dealer. Please note that recorded messages may be erased during service or repair work.

Display does not disappear. Display appears blurred.

Remove the protective film on the display window before you use the IC recorder.

The IC recorder does not operate.

- The batteries have been inserted with incorrect polarity.
- The batteries are weak.

No sound comes from the speaker.

- The volume is turned down completely.
- Headphones are plugged in.

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.

Recording is interrupted.

- The VOR function is activated. Set "VOR" to "OFF" in the menu. For details, see "Menu settings" on the reverse side of this paper.

Noise is heard.

- Plug of the connected microphone was dirty when recording. Clean the plug.

You cannot divide a message.

- You need a certain amount of free space in the memory to divide a message.
- If 99 messages have been recorded in a folder, you cannot divide a message in that folder. Erase some of the messages.

- You cannot divide a message at the very beginning (0.5 seconds from the beginning) or at the very end (0.5 seconds prior to the end) of the message.
- If you divide a message frequently, the unit may become unable to divide the message further.
- You selected a message that has been locked. Set "LOCK" to "OFF" in the menu before dividing the message.

Playback speed is too fast or too slow.

- The playback speed is adjusted in DPC. Adjust the speed in DPC again in the menu. For details, see "Menu settings" on the reverse side of this paper.

The clock setting is reset.

- The clock setting will be reset within about 1 minute. When you replace the batteries, please provide new batteries quickly.

There are fewer menu items displayed in the menu mode.

- The menu items displayed are different depending on the operation modes (stop mode, playback mode and recording mode).

The IC recorder does not operate correctly.

- Take out the batteries and insert them again.

You cannot erase a message.

- You selected a message that has been locked. Set "LOCK" to "OFF" in the menu before erasing the message.

Message List

LO BATT

- Batteries are exhausted. Replace the old batteries with new ones.

SET DATE

- Set the clock; otherwise, you cannot set the alarm.

FULL (REC flashes at the same time)

- The remaining memory capacity of the IC recorder is insufficient. Erase some messages before recording.

FULL ("99" flashes at the same time)

- As there are already 99 messages in the current folder, you cannot record a new message. Erase some messages before recording.

FULL (folder indicator flashes at the same time)

- As there are already 99 messages in the folder to which you want to move a message, you cannot move the message. Erase some messages before moving.

NO DATA

- The selected folder does not have any messages. You cannot move a message or set the alarm, etc., because of this.

PRE SET

- You set the alarm to play back a message at a date and time previously set on another message. Check the setting and set the appropriate date and time.

BACK-D

- You set the alarm when the time has already passed. Check it and set the appropriate date and time.

LOCK (H flashes at the same time)

- You selected a message that has been locked. You cannot move it, erase it, add a new message to it, add an overwritten message to it, or divide it. Set "LOCK" to "OFF" in the menu before editing the message.

OFF REC-OP

- You cannot add a recording or overwrite a recording because "REC-OP" is set to "OFF". Set it to "ON".

ERR ACCESS

- ERR 01 - ERR 06
 - A system error other than the above has occurred. Remove the batteries and re-insert them.

HOLD

- The HOLD function is activated. Slide the HOLD switch in the direction opposite that of the arrow. For details on the HOLD function, see "Preventing Accidental Operation (HOLD)".

7 ► PLAY/STOP•ENTER button*

8 [-◀◀] (review/fast backward),

►▶+] (cue/fast forward) button

9 Speaker

10 ◻ (headphone) jack

11 Operation indicator

12 ERASE button

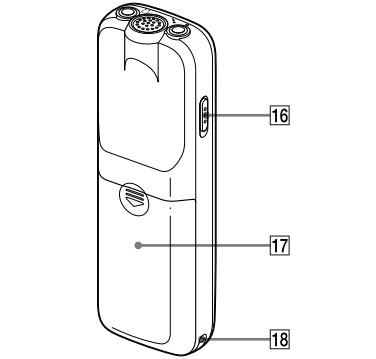
13 VOL (volume) -/+* button

14 ◀ (repeat) A-B button

15 ● REC/PAUSE button

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

Rear

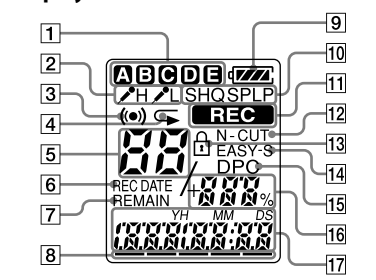


16 HOLD switch

17 Battery compartment

18 Strap hole (A strap is not supplied.)

Display window



1 Folder indicator

Displays the folder (A, B, C, D, or E) you have selected.

2 Microphone sensitivity

Displays the microphone sensitivity. For details about the settings, see "Menu settings" on the reverse side of this paper.

3 Alarm indicator

Appears when the alarm is set for a message.

4 Repeat play indicator

Appears when a message is played back repeatedly.

5 Selected message number

6 REC DATE (recorded date) indicator

The recorded date or time is displayed with the REC DATE indicator.

7 REMAIN indicator

When the IC recorder is in the recording or stop mode, the remaining recording time is displayed with the REMAIN indicator, or when the IC recorder is in the playback mode, the remaining time of the current message is displayed with the REMAIN indicator.

8 Remaining memory indicator

Displays the remaining memory and decreases one by one during recording.

9 Battery indicator

Displays the remaining battery power.

10 Recording mode indicator

Displays the recording mode set using the menu when the IC recorder is in the stop mode, and displays the current recording mode when the IC recorder is in the playback mode.

For details about the settings, see "Menu settings" on the reverse side of this paper.

11 REC (recording) indicator

Appears while the IC recorder is recording.

12 N-CUT (noise cut) indicator

Appears when "N-CUT" is set to "ON" in the menu.

13 Lock indicator

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

14 EASY-S (easy search) indicator

Appears when the "EASY-S" is set to "ON" in the menu.

15 DPC (Digital Pitch Control) indicator

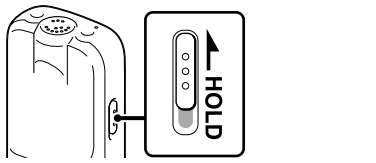
Appears when the "DPC" is set to "ON" in the menu.

16 Total number of messages in the folder/ DPC setting

17 Elapsed time/Remaining time/Recorded date or time indication/Message

Preventing Accidental Operation (HOLD)

Locking the buttons



Slide the HOLD switch in the direction of the arrow in the recording or playback mode. When the HOLD function is activated, the yellow marking appears beside the switch.

"HOLD" will flash, indicating that all the functions of the buttons are locked.



Unlocking the buttons

Slide the HOLD switch in the opposite direction from that of the arrow so that all buttons will be unlocked.

Note

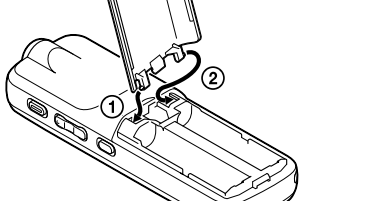
When the HOLD function is activated during recording, all the functions of the buttons are locked to prevent accidental operation. To stop recording, cancel the HOLD function first.

Tip

Even if the HOLD function is activated, you can stop the alarm playback by pressing any button. (You cannot stop normal playback.)

Step 2: Preparing a Power Source

Slide and lift the battery compartment lid, insert LR03 (size AAA) alkaline batteries with correct polarity, and close the lid. If the battery compartment lid is accidentally detached, attach it as illustrated.



Tips

- Messages recorded or alarm settings are not erased even when you replace the batteries.

- When replacing the batteries, the clock continues moving for a certain period of time after you remove the batteries.

- Even if you do not use the IC recorder, the batteries are consumed slightly. The battery life in this case varies depending on humidity or other environmental conditions. Usually, the batteries last about 2 months. 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 or remove the batteries.

Notes

- Do not use manganese batteries for this IC recorder.

- When replacing the batteries, be sure to replace both batteries with new ones.

When to replace the batteries

The battery indicator in the display window shows the battery condition.

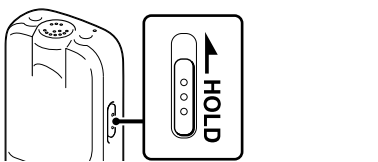
Battery remain indication

☼: Replace the current batteries with new ones.

↓

☼: "LO BATT" flashes and the IC recorder will stop operation.

Step 3: Turning the IC Recorder On



Slide the HOLD switch in the opposite direction from that of the arrow. The IC recorder turns on, and "ACCESS" flashes.

To turn the power off

When you are not using the IC recorder, you can prevent the batteries from getting weak quickly by turning the power off.

Slide the HOLD switch in the direction of the arrow in the stop mode. "OFF" flashes. The IC recorder turns off within a few seconds.

Tips

- When you are not going to use the IC recorder for a long time, we recommend to turn off the IC recorder.

- When 10 minutes have passed after you have turned on the IC recorder and leave it without doing anything, the display goes off automatically. (Press any button to show the display.)

Step 4: Setting the Clock

Remove the protective film on the display window before you use the IC recorder. You need to set the clock to use the alarm function or record the date and time.

Clock setting display appears when you insert batteries for the first time, or when you insert batteries after the IC recorder has been without batteries for a certain period of time, the year section flashes in the display window.

Setting the clock after preparing a power source

1 Set the year.

Press [-◀◀] or [►▶+] to set the year. Select the last two digits of the year.

When you press [►▶] PLAY/ STOP•ENTER], the cursor moves to the month section.



2 Set the month, day, hour, and minutes in sequence in the same way.

Press [-◀◀] or [►▶+] to select the desired figures, and then press [►▶] PLAY/STOP•ENTER].

When any button not intended for use in setting the clock is unintentionally pressed during clock setting mode, the clock setting is canceled. Use the menu to set the clock.

Setting the clock using the menu

While the IC recorder is in the stop mode, you can set the clock using the menu.

1 Press and hold [◻] (folder)/MENU] to enter the menu mode.

The menu mode will be displayed.

2 Press [-◀◀] or [►▶+] to select "SET DATE", and then press [►▶] PLAY/STOP•ENTER].

3 Press [-◀◀] or [►▶+] to set the year, month, day, hour, and minute in sequence, and then press [►▶] PLAY/STOP•ENTER].

4 Press [■] (stop)] to exit the menu mode.

☼ Tip

Press [◻] (folder)/MENU] to return to the previous operation.

■ Notes

- You can set the time display for the clock to "12H" (12-hour display) or "24H" (24-hour display) in the "HOUR" menu. When "12H" (12-hour display) is set, "AM" or "PM" appears in the display window.

- If you do not press [►▶] PLAY/ STOP•ENTER] within 1 minute of entering the clock setting data, the clock setting mode is canceled and the window will return to the stop mode display.

■ Notes

- Do not use manganese batteries for this IC recorder.

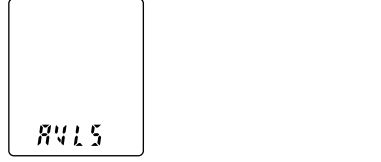
- When replacing the batteries, be sure to replace both batteries with new ones.

Using AVLS (For European model only)

Maintaining the moderate volume level (AVLS)

The AVLS (Automatic Volume Limiter System) function allows you to listen to the sound at a moderate volume level when using headphones (not supplied). The AVLS function limits the maximum volume to prevent auditory issues or distraction and to maintain a moderate volume level.

When the "AVLS" is set to "ON" in the menu, and you try to adjust the volume to a level that exceeds the AVLS-specified level, "AVLS" indicator lights. You cannot adjust the volume to a level that exceeds the limit.



When "AVLS" is set to "OFF"

To disable the AVLS function, do the following:

1 Press and hold [◻] (folder)/MENU] to enter the menu mode. Press [-◀◀] or [►▶+] to select "AVLS", and press [►▶] PLAY/STOP•ENTER].

2 Press [-◀◀] or [►▶+] to select "OFF", and press [►▶] PLAY/STOP•ENTER]. "AVLS" and "OFF" will flash with a beeping sound.



3 Press [►▶] PLAY/STOP•ENTER].

4 Press [■] (stop)] to exit the menu mode.

To enable the AVLS function again, please select "ON" in step 2.

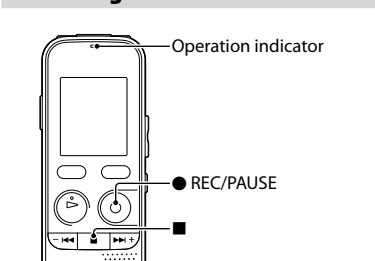
If you play back messages with using headphones (not supplied) at a volume that exceeds the AVLS-specified level for specified period of time, "AVLS" and "ON" will be displayed and the "AVLS" in the menu is automatically set to "ON".

■ Notes

- When using the built-in speaker or recording a message, the AVLS function does not work.

- When the IC recorder is turned off, the IC recorder is set to a moderate volume level automatically.

Recording



Selecting a folder

1 Press [◻] (folder)/MENU] to select the folder in which you want to record messages (A, B, C, D, or E).

There are 5 folders already available when you purchase the IC recorder. If you do not change the folder after you stop recording, the next time you record you will record in the same folder.

Starting to record

1 Turn the built-in microphone in the direction of the source to be recorded.

2 Press [●] REC/PAUSE] in the stop mode.

The operation indicator lights in red. (When "LED" is set to "OFF" in the menu, the operation indicator does not light.)

The new message will be automatically recorded after the last recorded message.

■ Note

When "REC-OP" is set to "ON", the new message overwrites a previously recorded message. "REC-OP" is set to "OFF" in the initial settings.

To stop recording

1 Press [■] (stop)].

The IC recorder stops at the beginning of the current recording.

Other operations

To pause recording

Press [●] REC/PAUSE]. During recording pause, the operation indicator flashes in red and "PAUSE" flashes in the display window.

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 [►▶] PLAY/STOP•ENTER]. Recording stops and playback starts from the beginning of the message just recorded.

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.

