JVC

DVD PORTABLE SYSTEM

RC-EZ58V   English

COMPACT SUPER VIDEO Video CD DVD VIDEO

MP3 PLAYBACK DOLBY DIGITAL

Thank you for purchasing a JVC product.
Before operation, please read the instructions carefully.

INSTRUCTIONS

LVT2069-001B
[US/UX/A]

EN
©2009 Victor Company of Japan, Limited   0809YOMMDWMTS

Warnings, Cautions and Others

CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

CAUTION
The TAPE/⏻ OFF switch in any position does not disconnect the mains line.
Disconnect the mains plug to shut the power off completely.
The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

To disconnect power from the mains, pull out the mains plug. When installing the product, ensure that the plug is easily accessible.

CAUTION
- Do not block the ventilation openings or holes. (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
- Do not place any naked flame sources, such as lighted candles, on the apparatus.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
- Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION:
Excessive sound pressure from earphones or headphones can cause hearing loss.

IMPORTANT FOR LASER PRODUCTS
1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover or cabinet. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.
4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED INSIDE THE UNIT.

CAUTION:
Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

[European Union only]

Caution: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1. Front:
   No obstructions and open spacing.
2. Sides/ Top/ Back:
   No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom:
   Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Front view
15 cm
15 cm   15 cm
10 cm

Side view
15 cm
15 cm   15 cm
10 cm

Mains (AC) Line Instruction
(Not applicable for Australia)

Main unit (rear)

110V 127V / 220V 240V
VOLT SELECT

Rating label is placed on the exterior of the bottom.

CAUTION for mains (AC) line
BEFORE PLUGGING IN, do check that your mains (AC) line voltage corresponds with the position of the voltage selector switch provided on the outside of this equipment and, if different, reset the voltage selector switch, to prevent from a damage or risk of fire/electric shock.

Setting the voltage selector
Before plugging in, select the voltage range for your area with the voltage selector by using a screwdriver or a similar tool.

SPECIFICATIONS

DISC player
DISC capacity:	1 DISC
Signal-to-noise ratio:	60 dB
Dynamic range:	60 dB

Tuner
For Australia:
FM tuning range:	88 MHz – 108 MHz
AM tuning range:	530 kHz – 1 600 kHz

For other countries:
FM tuning range:	88 MHz – 108 MHz
SW tuning range:	6 MHz – 18 MHz
MW tuning range:	530 kHz – 1 600 kHz
Antennas:	Telescopic antenna for FM/SW
	Ferrite core antenna for AM/MW

Cassette deck
Frequency response:	100 Hz – 8 000 Hz
Wow & flutter:	0.35% (WRMS)
Fast wind time:	Approx. 170 sec. (C-60 cassette)

General
Speakers:	10 cm cone x 2 (magnetically shielded type)
Speaker impedance:	8 Ω
Output power:	2 W + 2W, 10% THD, 4 Ω

Input terminal:
USB:	Playable files: MP3, WMA, JPEG
	Compatible device: Mass storage class
	Bus power supply: DC5V === 500 mA
AUDIO IN:	stereo mini (φ3.5mm) 500mV/47kΩ

Output terminal:	PHONES (φ3.5) x 1
	VIDEO OUT x 1
	AUDIO OUT R x 1
	AUDIO OUT L x 1

Color system:	PAL/NTSC
Power supply:	For Australia:
	AC 240 V ∼, 50 Hz
	For other countries:
	AC 110 V – 127 V/
	220 V – 240 V ∼
	adjustable with the voltage selector, 50 Hz/60 Hz
	DC 12 V (R20 (SUM-1)/ D (13D)-size batteries x 8)
Power consumption:	24 W (at operation)
	3 W (on standby)
Dimensions:	407 mm x 147 mm x 254 mm (W/H/D)
Mass:	Approx. 2.8 kg (without batteries)
Accessories provided:	Power cord x 1
	Composite video cord x 1
	Remote control x 1
	Lithium coin battery CR2025 x 1
	AC plug adapter x 1 (not supplied for Australia and Saudi Arabia)

Design and specifications are subject to change without notice.

PREPARATION

Connecting a TV

Do not connect the power cord until a TV connections have been made.
Connect your TV with the video cord to the VIDEO OUT jacks.

Video cord (Supplied)
Yellow
Input terminal of TV
Input terminal of another audio device
Red   White
Audio cords (Not supplied)

- When the source is DISC or USB, the sound comes out of the speakers of the device connected via the audio cord.

Setting the color system
Select PAL or NTSC according to the TV system you use. See "SETUP MENU OPERATIONS".

Connecting the power cord

Power cord (supplied)
AC outlet
Battery compartment

NOTE
- The power can also be supplied through the batteries (see right column).
- A small amount of power is always consumed even while on standby.

CAUTION
- **Only use JVC power cord provided for this unit to avoid malfunction or damage to the unit. Remove batteries when using the power cord.**
- **Be sure to unplug the power cord from the outlet when going out or when the unit is not in use for an extended period of time.**

Inserting batteries

Match the polarities (+ and –) of the batteries.

Main unit

R20 (SUM-1)/D(13D) (not supplied)
Battery compartment

Remote control

When you use the remote control for the first time, remove the battery protector sheet.

Lithium coin battery(CR2025) (supplied)

- The battery has been installed when shipped from the factory.
- If the range or effectiveness of the remote control decreases, replace the battery.

NOTE
- The power will not be supplied through the batteries when the power is supplied through the AC IN ∼ jack on the unit.
- The battery is consumed more quickly than usual when operating the unit continuously or operating it in a cold place.

CAUTION
To avoid battery leakage or explosion, handle batteries properly.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- If you are not going to use this unit for a month or more, remove the batteries from the battery compartment.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Wrap the battery with tape and insulate when throwing away or saving it.
- Do not mix with batteries of different types or with new and old ones.
- Do not attempt to charge any batteries other than rechargeable ones.
- Discard leaky batteries immediately. Battery leakage can cause skin burns or other personal injuries.
- If chemicals leak onto the unit, clean the unit completely.

ABOUT DISC/FILE/CASSETTE TAPE

Playable discs/files

Discs with one of the marks below on the surface.

DVD DVD VIDEO COMPACT DIGITAL VIDEO Video CD
COMPACT SUPER VIDEO VIDEO CD COMPACT DIGITAL AUDIO COMPACT Recordable COMPACT ReWritable

For Disc playback:
Files in Audio CD format, MP3, WMA and JPEG files on a finalized CD-R or CD-RW. MP3, WMA and JPEG files on a finalized DVD-R/-RW, +R or +RW can also be played.

For USB playback:
Files in MP3, WMA and JPEG format.

CD-R-/RW:
Recorded in the Audio CD, Video CD and SVCD format. MP3, WMA and JPEG files written in accordance with the "ISO 9660" format can also be played.

DVD-R/-RW, +R/+RW:
Recorded in the DVD Video format. MP3, WMA and JPEG files written in the UDF-Bridge format can also be played.

In addition to the above discs/files, this unit can play back audio data recorded on CD-Extra.
- This unit can also play back DVD-ROM (DVD Video/MP3/WMA/JPEG format) and CD-ROM (Audio CD/Video CD/SVCD/MP3/WMA/JPEG format).
- The following discs cannot be played back:
  DVD-RAM, CD-I (CD-I Ready) and Photo CD.
  Playing back these discs will generate noise and damage the speakers.
- This unit does not support a disc recorded with DVD Video Recording (VR) format.
- CD Text and DVD Text can be played, but Text information will not be shown on the display.
- In this manual, "file" and "track" are used interchangeably.
- It is possible to play back finalized +R/+RW discs.
- DVD Logo is a trademark of DVD Format/Logo Licensing Corporation.

Caution for DualDisc playback:
The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.

Notes on discs/files

For MP3/WMA playback...
- This unit can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case upper/lower).
- MP3/WMA discs require a longer readout time than regular discs. (It depends on the complexity of the folder/file configuration.)
- Some MP3/WMA files cannot be played back and will be skipped. This result from their recording processes and conditions.
- When making MP3/WMA discs, use ISO 9660 Level 1 for the disc format.
- It is recommended to make the files at the following condition:
  MP3/WMA files
  MP3: 128kbps
  WMA: 96kbps
  Sampling frequency
  MP3/WMA files: 44.1 kHz
- Playback order of MP3/WMA files may be different from the one you have intended while recording. If a folder does not include MP3/WMA files, they are ignored.
- This unit cannot play "packet write" discs.
- If a CD-RW has been recorded in a different format, erase all data on the CD-RW completely before recording on it.
- This unit can recognize up to 999 tracks and 130 folders (groups) in a disc or USB device. Those exceeding the maximum number cannot be recognized.
- The reflection factor of CD-RW is lower than that of other CDs, possibly causing CD-RW to take longer time to read.

For JPEG playback...
- This unit can play back JPEG files with the extension code <.jpg> or <.jpeg> (regardless of the letter case upper/lower).
- It is recommended to make the files at 640 x 480 resolution. (If the files have been recorded at a resolution of more than 640 x 480, it will take a long time to be shown.)
- This unit can play only baseline JPEG files*. Progressive JPEG files* or lossless JPEG files* cannot be played.
* Baseline JPEG format: Used for digital cameras, web, etc.
  Progressive JPEG format: Used for web.
  Lossless JPEG format: An old type and rarely used now.

MP3/WMA/JPEG folders/files configuration

This unit plays back MP3/WMA/JPEG files as follows. The play order in the figure is for MP3/WMA/JPEG files on the disc.
MP3/WMA/JPEG files on USB mass storage class device may be played back differently.

Hierarchy
Level 1 Level 2 Level 3 Level 4 Level 5

01 Folder with its play order
♪① MP3/WMA/JPEG file with its play order

Important for USB device

- Always set volume to the minimum level when connecting or disconnecting the USB mass storage class device.
- Connect one USB mass storage class device to the unit at a time. Do not use a USB hub.
- This unit cannot recognize a USB mass storage class device whose rating exceeds 5V/500 mA.
- When connecting with a USB cable, use the USB 2.0 cable less than 1 m in length.
- You cannot connect a computer to the USB MEMORY terminal of the unit.
- Electrostatic shock at connecting a USB device may cause abnormal playback of the device. In this case, disconnect the USB device then reset this unit and the USB device.
- USB Memory and DAPs(Digital Audio Player) compatible with the USB mass storage class specifications are connectable.
- Some DAPs are not compatible with the unit.
- Copyrighted tracks (WMA-DRM* tracks) cannot be played back on the unit.
- Coded or encrypted tracks in a special method cannot be played on the unit.
- You cannot send any data to your USB mass storage class device from this unit.
- You can charge the USB mass storage class device while connecting it to the USB MEMORY terminal and the source is set to DISC or USB.
- While playing back a file in a USB mass storage class device, do not disconnect the device. It may cause a malfunction of both the unit and the device.
- When connecting a USB mass storage class device, refer also to its manual.
- You can play back MP3/WMA/JPEG files on a USB mass storage class device (maximum data transfer rate: 2 Mbps).
- This unit may not play back some files even through their formats are listed above.
- This unit is compatible with USB 2.0 Full Speed.
- You cannot play back a file larger than 2 Gigabytes.

- When playing a file of a large transfer rate, sounds may be dropped during playback.
- Some USB mass storage class devices may not be recognized or may not work properly.
- JVC bears no responsibility for any loss of data in the USB mass storage class device while using this unit.
* DRM (Digital Rights Management): Any of several technical methods used to control or restrict the use of digital media content on electronic devices with such technologies installed.

Notes on cassette tapes

- Type-I tape is recommended for playback on this unit. You can also play back type II and type IV tapes; however, the sound quality (tone) may not be reproduced properly.
- The use of tapes longer than 120 minutes is not recommended, since characteristic deterioration may occur and these tapes easily jam the pinch roller and the capstan.
- To prevent recordings from being erased accidentally, remove the tab(s) with a screwdriver. If you want to re-record on a tape or erase the content of it after its tabs have been broken off, reseal the slots with adhesive tape.

REFERENCES

License and trademark

- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

Precaution

IMPORTANT
Before playing a disc/file, make sure of the following...
- Turn on the TV and select an appropriate input mode on the TV to view the pictures or on-screen displays.
- For disc/file playback, you can change the initial setting to your preference. See "SETUP MENU OPERATIONS" on another sheet.
- If "INVALID KEY" appears on the TV screen when you press a button, the disc/file cannot perform the operation you have tried to do.

About color system
This unit accommodates both NTSC and PAL system and can play back discs/files recorded in either system.

Note on Region Code
DVD players and DVDs have their own Region Code numbers. This unit can play back only DVDs with an appropriate Region Code number.

EX.: For South East Asia

ALL 3 13 2 3 4

Region codes:
- Middle East: 2
- South East Asia: 3
- Australia: 4

IMPORTANT
Connect the unit directly to a TV (or a monitor) without routing through a video cassette recorder (VCR) or an HDD/DVD recorder. Otherwise picture distortion may occur during playback. (Routing the connection through a VCR or an HDD/DVD recorder, however, does not affect the video quality.)

VCR or HDD/DVD recorder
This unit   TV (or monitor)
Direct connection

- Connecting the unit to a VCR-built-in-TV may also cause picture distortion during playback.

Display information

Display of the unit	Display of a TV
▶ MP3 001	PLAY ▶

BASIC OPERATIONS

A DISC/USB

To start playback

1 Load a disc or connect a USB device.

⏏PUSH
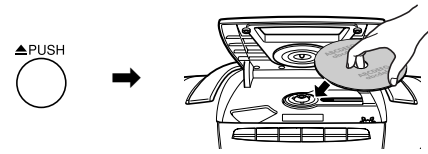
or
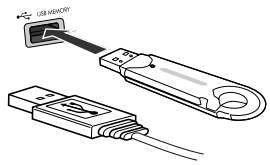
2 Set the source to DISC or USB.

DISC/USB
TUNER
AUDIO IN
TAPE/⏻OFF

FUNCTION

DISC or USB

DVD `015` USB/MP3 `005`

The total number of tracks/chapters/files

3 Start playback.

Main unit: ►/❚❚

Remote control:
DISC ►/❚❚ or USB ►/❚❚

Lights only when playing an MP3 file.

MP3 `01`

The current track number

The indicator lights to indicate the playback source.

Indicator	Playback source
USB	USB mass storage class device
MP3	MP3 files
WMA	WMA files
DVD	DVD Video
No indicator	CD/VCD/SVCD/JPEG

4 Adjust the volume.

MIN VOLUME MAX

To stop playback

Main unit: ■

Remote control: STOP ■

To select a track

Main unit: ◄◄ or ►►

Remote control: ►►❙ + / ❙◄◄ −
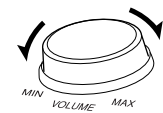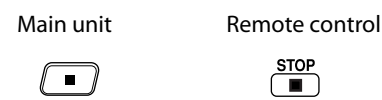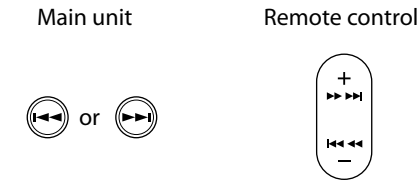
To select a folder (for MP3/WMA)
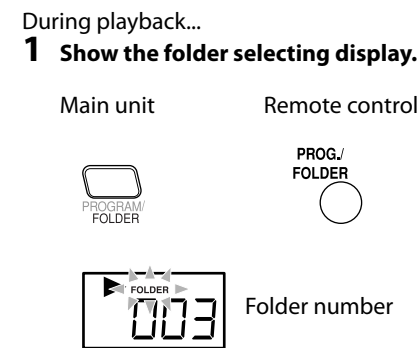
During playback...

1 Show the folder selecting display.

Main unit: PROGRAM/FOLDER

Remote control: PROG./FOLDER

FOLDER `003` Folder number
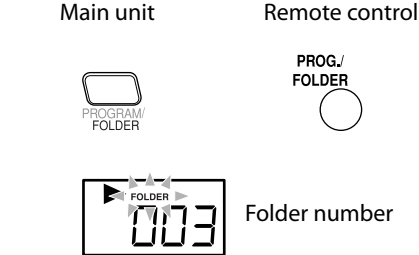
2 Select the desired folder while the FOLDER indicator is flashing.

Main unit: ◄◄ or ►►

Remote control: + / ❙◄◄ −
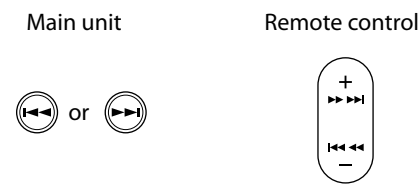
The following playback, see "DISC/FILE PLAYBACK."

Pause	Top menu search
Resume playback	Program playback
Slow-motion playback	Random playback
Zoom	Repeat playback
Fast reverse/fast forward search	A-B repeat playback
Time search	Frame-by-frame playback
Scanning disc or track	

B TUNER

1 Set the source to TUNER.

DISC/USB
TUNER
AUDIO IN
TAPE/⏻OFF

FUNCTION
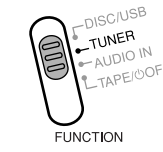
2 Select the band.
For Australia — FM/AM
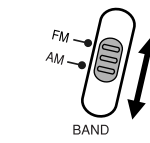
FM
AM
BAND

For other countries — FM/SW/MW

FM
SW
MW
BAND

3 Select a station.

TUNING

For Australia

MHz ×10kHz
108 180
106 160
104 140
  120
100
 96 100
 92 80
 88 60
FM 53
MW

For other countries

MHz ×10kHz
108 180
106 160
104 140
  120
100
 96 100
 92 80
 88 60
FM SW 53
MW
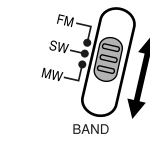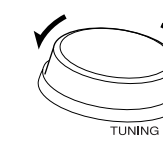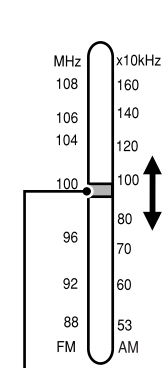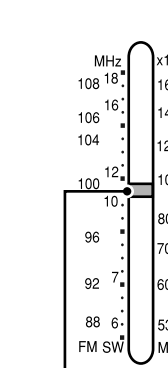
Moves to indicate the current frequency

For SW reception
• In SW reception, you can finely tune in a desired station by turning the FINE TUNING knob.

FINE TUNING

4 Adjust the volume.

MIN VOLUME MAX
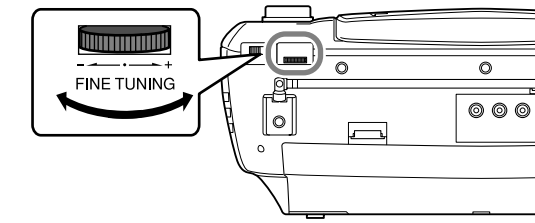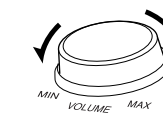
Improving the FM reception

When an FM stereo (FM ST) broadcast is hard to receive or noisy, select the monaural reception (MONO).

FM ST / MONO
BEAT CUT
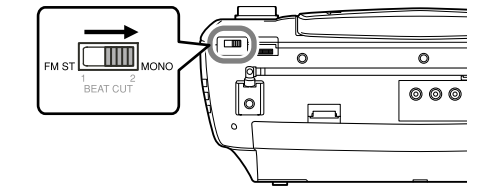
• To restore stereo reception, switch to FM ST.

Adjusting the antenna

FM/SW
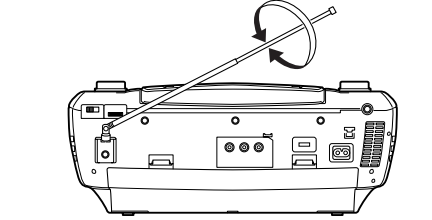
AM/MW
The AM/MW antenna is built in, so adjusting the position of the unit may help AM/MW reception.

C Listening with the headphones

Connect the headphones with the stereo mini plug (φ3.5 mm) to the PHONES jack on the rear.

Stereo mini plug (φ3.5 mm)

PHONES

• While the headphones are connected, no sound comes out from the speakers.
• Before connecting the headphones, make sure to turn down the volume.
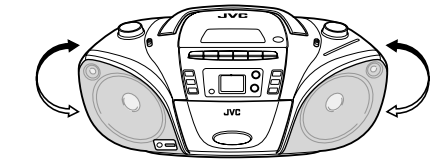
D EXTERNAL DEVICE

To play back an external device, such as a DAP (Digital Audio Player).

1 Connect the device to the AUDIO IN jack.

Stereo mini plug (φ3.5 mm)

AUDIO IN

2 Set the source to AUDIO IN.

DISC/USB
TUNER
AUDIO IN
TAPE/⏻OFF
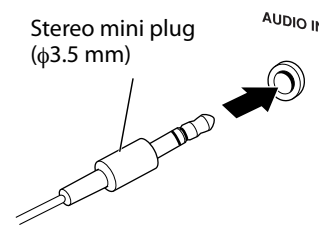
FUNCTION
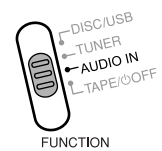
3 Start playing back the device.
Play back the device after you have connected it.
• Refer to the instructions supplied with the device.

4 Adjust the volume of the unit.

MIN VOLUME MAX
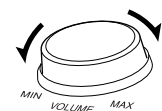
If the AUDIO IN sound is too quiet, turn that volume up.

E TAPE

To start playback

1 Set the source to TAPE/⏻ OFF.

DISC/USB
TUNER
AUDIO IN
TAPE/⏻OFF

FUNCTION
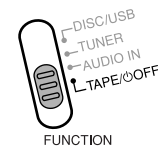
2 Open the cassette holder, then load a cassette.

← Tape running direction

STOP/EJECT ■/▲
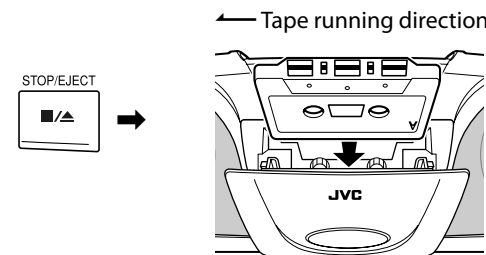
3 Close the cassette holder gently and start playback.

PLAY ◄

4 Adjust the volume.

MIN VOLUME MAX
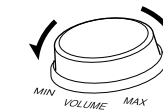
To stop playback

STOP/EJECT ■/▲

• The tape also stops when it reaches its end.

To pause playback

PAUSE ❚❚

• To resume, press ❚❚ PAUSE again.

To fast-forward/rewind a tape
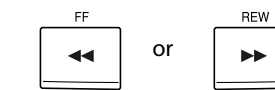
FF ◄◄ or REW ►►

• When the tape reaches its end, press ■/▲STOP/EJECT to release ◄◄ FF or ►► REW.

Recording on a tape

1 Prepare the recording source.
• For the radio recording:
  Set the source to TUNER and tune in to a desired station.
• For the disc or USB recording:
  - Set the source to DISC/USB and load a disc or connect a USB device.
  - Select a track or program the playback order if necessary. (See "Program playback" in "CONVENIENT PLAYBACK.")
• For AUDIO IN recording:
  - Set the source to AUDIO IN and turn on an external device.

2 Load a blank or erasable cassette.
Use only a type-I (normal) tape.

3 Start recording.

REC ● + PLAY ◄
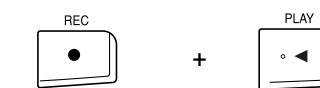
• ◄ PLAY is also pushed down together with the ● REC button.
• When recording from the disc/USB, playback of the disc/USB starts at the same time— Synchronized recording.
• For AUDIO IN recording, start playing back the device.

To stop recording

STOP/EJECT ■/▲

Recording also stops when the tape reaches its end.
• For disc, USB or AUDIO IN recording:
  – If the tape reaches its end first, the playback of the disc/USB pauses automatically. However, the playback of an external device continues.
  – If the playback of the disc, USB device or external device stops first, recording continues. In this case, press ■/▲STOP/EJECT to stop recording.

To use the beat-cut function
When recording an AM/MW broadcast, beats may occur. In this case, slide the BEAT CUT switch on the rear to select the beat-cut setting, 1 or 2.
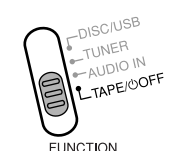
FM ST / MONO
BEAT CUT
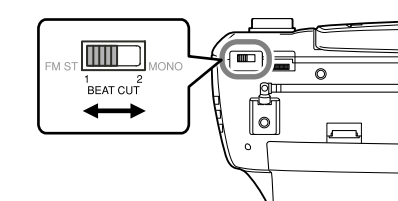
NOTES

• It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.
• You can adjust the volume level while recording. The proper recording level is set automatically and it is not affected by the volume level.
• If a TV is turned on and it is too close to the unit while recording, the recorded sound may have excessive noise. While recording, turn the TV off or keep the distance between the TV and the unit.

Erasing a tape

Previous recording is overwritten when a new recording is made.

To erase a tape without making a new recording

1 Set the source to TAPE/⏻ OFF.

DISC/USB
TUNER
AUDIO IN
TAPE/⏻OFF

FUNCTION

2 Start erasing.

REC ● + PLAY ◄