

Listening to FM and AM Broadcasts

Selecting the AM tuner intervals

Some countries and areas use 9 kHz intervals between AM stations, and others use 10 kHz. You can change the AM tuner intervals.

1

STANDBY ON

O/I

or

STANDBY ON

O/I

Turn off the System (on standby).

2

On the System only

Press and hold

◀◀

▶▶

AM9K STEP

Press STANDBY while holding ◀◀.

• "AM9K STEP" appears on the main display.

2

On the System only

Press and hold

▶▶

▶▶

AM10K STEP

Press STANDBY while holding ▶▶.

• "AM10K STEP" appears on the main display.

Basic Tuner Operations

To	On the System	On the remote	Press
Select FM or AM			Press repeatedly to select "FM" or "AM." • The selected frequency appears on the main display.
Select a frequency			Press and hold for more than 2 seconds. The System starts searching for stations and stops when a station of sufficient signal strength is tuned in. • If an FM program is broadcast in stereo, the ST (stereo) indicator lights on the display (only when the reception is good). • Press during searching to stop. • Press repeatedly to change the frequency step by step.
Tune in to a preset station	—		Press to select a preset number for the station you store. • For presetting stations, see right column.
Change the FM reception mode (When an FM stereo broadcast is hard to receive or noisy)	—		Press to improve reception. The MONO indicator lights on the display. Reception will improve though the stereo effect is lost. To restore the stereo effect, press AGAIN.
Reduce AM beating noises (When you hear beating noises while listening to an AM station)	—		Press repeatedly to select BEAT CUT ON.

Presetting Stations

You can preset 30 FM and 15 AM stations manually.

1

Tune in to a station you want to preset.

• You can also store the monaural reception mode for FM preset stations if selected.

2

SET

Press to activate the preset number entry mode.

• Finish the following steps while the indication on the display is flashing.

3

1 2 3

4 5 6

7 8 9

10 0 10

Press to select a preset number for the station you store.

• To select number 5, press **5**.

• To select number 25, press **10 2**, then **5**.

4

SET

Press to store the station.

Listening to iPod

Listening to iPod

- Compatible iPod types:
- iPod nano
 - iPod nano (2nd generation)
 - iPod nano (3rd generation)
 - iPod nano (4th generation)
 - iPod nano (5th generation)
 - iPod mini
 - iPod (4th generation)
 - iPod (5th generation)

- iPod photo
 - iPod classic
 - iPod touch
 - iPod touch (2nd generation)

Connecting the iPod:

Dock adapter (supplied with the iPod or sold separately)

1

2

Direct Dock for iPod

Front view

To detach the dock adapter from the dock:

Push the slot and pull up to remove the dock adapter.

1

2

1

VOLUME

or

VOLUME

Set the volume to minimum.

2

▶▶

The iPod is turned on and the last track you had selected is played back.

• If the track is not played back automatically, press again.

3

Adjust the volume to the level you want to listen to.

- NOTES
- When "iPOD" is selected as the source...
 - "CONNECT" appears on the main display while an iPod is connected.
 - "NO CONNECT" appears on the main display while no iPod is connected.
 - The iPod battery is charged through the iPod terminal in the following cases:
 - When the System is turned on.
 - When the System is turned off and is not in the Save mode.

Disconnecting the iPod:
When disconnecting the iPod, make sure this System is turned off.

If an iPod which is not on the compatible iPod types list above is connected, it may not be operated from the System. In this case, deactivate the iPod battery charge function so that the iPod may be operated, but it cannot be charged through the System.

- To deactivate the battery charge function, change the source to "iPOD," then press and hold **■** on the System while no iPod is connected.

• "CHARGE OFF" appears on the main display.

To use the battery charge function, change the source to "iPOD," then press and hold **■** on the System until "CHARGE ON" appears on the main display.

Setting the Clock and Using Timers

Setting the Clock

- You cannot use Daily Timer until you set the clock.
- "0:00" flashes on the main display until you set the clock.

1

CLOCK /TIMER

Press to activate the clock setting mode.

0:00

• If you have already adjusted the clock before, press the button repeatedly until the clock setting mode is selected.

2

◀◀ or ▶▶

or

SET

Adjust the hour, then the minute.

- To exit from the clock setting, press CLOCK/TIMER as required.
- To go back to the previous step, press CANCEL.
- You can also use the buttons on the System as well.

Setting the Sleep Timer

SLEEP

Press repeatedly to specify the time (in minutes) as follows:
→10→20→30→60→90→120→150→180
Canceled

- While the Sleep Timer is working, the SLEEP indicator lights on the display.
- To check the remaining time to turn off after setting the sleep timer, press once.

Setting the Daily Timer

Using Daily Timer, you can wake up with your favorite music.

1

CLOCK /TIMER

Press repeatedly to select "ON".

DAILYTIMER

or

ON (Time)

Canceled

Clock setting mode (See above.)

2

◀◀ or ▶▶

or

SET

① Adjust the hour then the minute for on-time.

② Adjust the hour then the minute for off-time.

③ Select the playback source—"DISC," "iPOD","AUDIO IN","TUNER FM," or "TUNER AM."

④ For FM, AM: Select a preset channel.

For "DISC": Select a track. (For MP3/WMA: select a group, then a track number.)

For "AUDIO IN": Make the connected device ready for playback.

⑤ Select the volume level.

• You can select the volume level ("VOLUME 0" to "VOLUME 31" and "VOLUME --"). If you select "VOLUME --", the volume is set to the last level when the System is turned off.

3

STANDBY ON

O/I

Turn off the System (on standby).

• When the on-time of the daily timer comes, the System sets the volume level gradually to the preset level after about 10 seconds.

* When "iPOD" is selected as the playback source, charge the iPod battery through the iPod terminal (see page 6); otherwise, Daily Timer may not work.

- To exit from the timer setting, press CLOCK/TIMER as required.
- To correct a misentry during the process, press CANCEL. You can return to the previous step.
- You can also use the buttons on the System as well.

To Turn Off the Daily Timer

1

CLOCK /TIMER

Press repeatedly to select "DAILYTIMER."

2

CANCEL

To turn on the Daily Timer again, select "DAILYTIMER" by pressing CLOCK/TIMER, then press SET.

Learning More about This System

Basic and Common Operations (see page 3)

- Pressing one of the source buttons also turns on the System and starts playing back.

Playing Back a Disc (see page 4)

- This System cannot play "packet write" discs.
- For MP3/WMA playback...
 - In this manual, "file" and "track" are interchangeably used for MP3/WMA operations.
 - This System can show the Tag data (Version 1).
 - MP3/WMA discs are required a longer readout time than regular CDs. (It depends on the complexity of the group/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 or Level 2 for the disc format.
- This System can play back MP3/WMA files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
- It is recommended that you make each MP3/WMA file at a sampling rate of 44.1 kHz and at bit rate of 128 kbps. This System cannot play back files made at bit rate of less than 64 kbps.
- Playback order of MP3/WMA tracks may be different from the one you have intended while recording. If a folder does not include MP3/WMA tracks, they are ignored.
- This System can recognize up to 99 groups in a disc. The total number of groups and tracks in a disc that can be recognized by the System is 512 (for MP3/WMA).
- Playable files which do not belong to any groups are handled as Group 1.

- Do not touch or hit the iPod terminal pins or connector pins directly. It might cause damages to the connector part.
- Setting the Clock and Using Timers (see page 7)**
- You can set the clock and Daily Timer even while the Save mode is turned on. While setting the clock or Daily Timer, the display is turning on.
 - The clock may gain or lose 1 to 2 minutes per month. If this happens, readjust the clock.
 - When you unplug the AC power cord or if a power failure occurs, the clock and the timer will be canceled. You need to set the clock first, then the timer again.

- Timer Priority:**
- If you set the Sleep Timer after Daily Timer starts playing the selected source, Daily Timer is canceled.

JVC bears no responsibility for any loss of data in iPod while using this System.

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Listening to Digital Audio Player

Listening to Digital Audio Player

Front view

Digital Audio Player

To audio output (or headphone out, etc.)

Stereo mini plug cord (not supplied)

1

VOLUME

Set the volume to minimum.

2

AUDIO IN

• When operating on the main unit, press FM/AM/AUDIO IN repeatedly to select "AUDIO IN".

3

Start playing the connected Digital Audio Player.

4

Adjust the volume level to the level you want to listen to.



Troubleshooting

If you are having a problem with your System, check this list for a possible solution before calling for service.

General

Power does not come on.
→ Power plug is not inserted securely. Plug in securely.

Demonstration starts automatically.
→ The demonstration function is activated.
Press and hold the CANCEL/DEMO button on the main unit while on standby until "DEMO CLEAR" appears on the display. (Refer to the attached sheet "Information about the demonstration function")

Adjustments or settings are suddenly canceled before you finish.
→ There is a time limit. Repeat the procedure again.

Operations are disabled.
→ The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in.

Unable to operate the System from the remote control.
→ The path between the remote control and the remote sensor on the System is blocked.
→ The batteries are exhausted.

No sound is heard.
→ Speaker connections are incorrect or loose.
→ Headphones are connected.

The System does not work properly.
→ Many functions of this System are implemented by microcomputers. If pressing any button does not result in the normal action, disconnect the AC power cord from the wall outlet, wait for a while, and connect the cord again.

Disc Operations

The disc does not play.
→ The disc is placed upside down. Place the disc with the label side up.
→ The disc is recorded with the "packet writing (UDF file system)." It cannot be played. Check the files you want to play back.

MP3/WMA groups and tracks are not played back as you expect.
→ The playing order is determined when the groups and tracks were recorded. It depends on the writing application.

The disc sound is discontinuous.

→ The disc is scratched or dirty.

The disc tray does not open or close.

→ The AC power cord is not plugged in.

→ Disc ejection is prohibited (see page 4).

Radio Operations

Hard to listen to broadcasts because of noise.

- Antenna connections are incorrect or loose.
- The AM loop antenna is too close to the System.
- The FM antenna is not properly extended and positioned.
- Electrostatic discharge from your body may cause noise. If this happens, turn off and on the System again.

iPod Operations

iPod is not turned on.

→ The iPod is not connected properly.

iPod does not play though "CONNECT" appears on the main display.

→ The battery of the iPod is empty. Leave the iPod connected for more than ten minutes.

iPod is not played back from the System.

- The iPod battery charge function is deactivated.
- The iPod is not compatible with the System. Check the compatibility on the list on page 6.

iPod is not charged.

- The System is in the Save mode (see page 3)
- The iPod battery charge function is deactivated (see page 6).

Timer Operations

Daily Timer does not work.

- The System has been turned on when the on-time comes. Timer starts working only when the System is turned off.
- When "iPOD" is selected as the playback source, charge the battery of the iPod through the iPod terminal; otherwise, Daily Timer may not work.

Maintenance

To get the best performance of the System, keep your discs and mechanism clean.

Handling discs

- Remove the disc from its case by holding it at the edge while pressing the center hole lightly.
- Do not touch the shiny surface of the disc, or bend the disc.
- Put the disc back in its case after use.
- Be careful not to scratch the surface of the disc when placing it back in its case.
- Avoid exposure to direct sunlight, temperature extremes, and moisture.

To clean the disc:

- Wipe the disc with a soft cloth in a straight line from center to edge.

Cleaning the System

- Stains should be wiped off with a soft cloth. If the System is heavily stained, wipe it with a cloth soaked in water-diluted neutral detergent and wrung well, then wipe clean with a dry cloth.
- Since the System may deteriorate in quality, become damaged or get its paint peeled off, be careful about the following:
 - DO NOT wipe it strong.
 - DO NOT wipe it with thinner or benzine.
 - DO NOT apply any volatile substance such as insecticides to it.
 - DO NOT allow any rubber or plastic to remain in contact for a long time.

Specifications

Amplifier section

OUTPUT POWER:

Main speakers

110 W per channel, min. RMS, driven into 3 Ω at 1 kHz with no more than 10% total harmonic distortion

Speakers/Impedance: 3 Ω – 6 Ω

Subwoofer (for MX-KC68)

180 W per channel, min. RMS, driven into 8 Ω at 63 Hz with no more than 10% total harmonic distortion

Speakers/Impedance: 8 Ω – 16 Ω

Tuner section

FM tuning range: 87.50 MHz - 108.00 MHz

AM tuning range: 531 kHz - 1 710 kHz

(at 9 kHz intervals)

530 kHz - 1 710 kHz

(at 10 kHz intervals)

CD player section

Dynamic range: 86 dB

Signal-to-noise ratio: 85 dB

Wow and flutter: Immeasurable

Speakers

Main speakers (SP-MXKC68F/SP-MXKC38)

Type: 3-Way 3-Speaker Bass-Reflex Type

Main Woofer: 16 cm cone x 1

Mid Range: 5 cm cone x 1

Tweeter: 2 cm dome x 1

Power Handling Capacity: 110 W

Impedance: 3 Ω

Frequency Range: 41 Hz - 35 kHz

Sound Pressure Level: 83 dB/W·m

Dimensions (approx.): 210 mm x 315 mm x 220 mm (W/H/D)

Mass (approx.): 3.0 kg each

Subwoofer (SP-MXKC68W)

Type: 1-Way Bass-Reflex Type

Speaker: 16 cm cone x 1

Power Handling Capacity: 180 W

Impedance: 8 Ω

Frequency Range: 38 Hz - 5 kHz

Sound Pressure Level: 83 dB/W·m

Dimensions (approx.): 210 mm x 315 mm x 242 mm (W/H/D)

Mass (approx.): 3.4 kg

General

Power requirements:

For Australia: AC 240 V ~, 50 Hz

For other countries: AC 110 V-127 V/AC 220 V-240 V ~

adjustable with the voltage selector, 50 Hz/60 Hz

Audio input AUDIO IN: 400 mV/47 kΩ

Power supply to iPod: DC 5 V ≐ 500 mA

Power consumption: 95 W (MX-KC68) - power on
60 W (MX-KC38) - power on
9 W - standby mode,
without charging iPod
1.00 W or less - save mode

Dimensions (W x H x D): 215 mm x 307 mm x 309 mm

Mass (approx.): 3.8 kg (MX-KC68)
3.6 kg (MX-KC38)

Specifications and appearance are subject to change without prior notice.