JVC

PORTABLE AUDIO SYSTEM

RA-P10

Made for
iPod

INSTRUCTIONS

⚞ EN

Getting Started

● **Supplied Accessories**
After unpacking, check to be sure that you have all the following items.

• Remote control
• AC adaptor
• Attachments (6 types)
• Rubber pads (A type×2, B type×2)
• CR2025 (×2) lithium coin batteries
 One is loaded on the remote control at the factory.

● **Preparation of the Unit**

● **Prepare the Remote Control**
• When you use the remote control for the first time, pull out the insulation sheet.

Insulation sheet
(Front side)
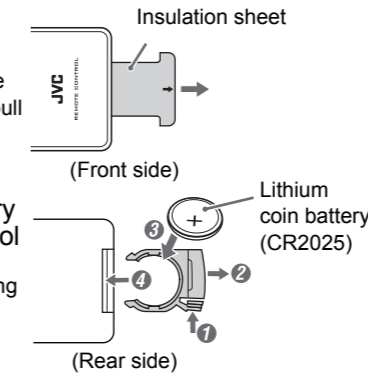
Replacing the Battery in the Remote Control
• Insert the battery into the remote control by matching the polarity (+ and –) correctly.

Lithium coin battery (CR2025)
(Rear side)

◆ **Loading batteries for the Unit (The battery power supply)**
Insert three batteries to each compartment (six batteries total). Be sure to match the poles (+/-) correctly. While the AC adaptor is connected to the wall outlet, the unit works without batteries.

R6 (SUM-3)/AA (15F) (not supplied)

Open the battery compartment cover by pressing the small tab.

Close the cover in the order shown by the numbers.

FM wire antenna (Pass through the notch in the cover)

◆ **Loading batteries for the Clock**
Be sure to match the poles (+/-) correctly.

Lithium coin battery (CR2025) (supplied)

Press the tab to open the cover.   Close the cover in the order shown by the numbers.

◆ **Connecting the AC adaptor**
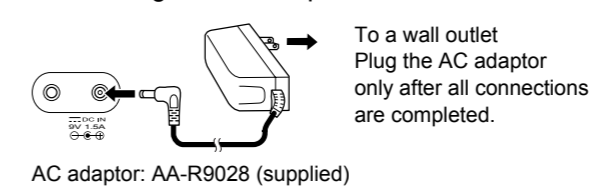
To a wall outlet
Plug the AC adaptor only after all connections are completed.

AC adaptor: AA-R9028 (supplied)

CAUTION:
To avoid risk of fire, and to prevent damage.
• Do not use AC adaptors except for the supplied AC adaptor.
• Do not use the supplied AC adaptor for other equipment.

Warning
• Store the battery in a place where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.
• Do not recharge, short, disassemble or heat the battery or dispose of it in a fire. Doing any of these things may cause the battery to give off heat, crack, or start a fire.
• Do not leave the battery with other metallic materials. Doing this may cause the battery to give off heat, crack, or start a fire.
• When throwing away or saving the battery, wrap it in tape and insulate; otherwise, the battery may start to give off heat, crack, or start a fire.
• Do not poke the battery with tweezers or similar tools. Doing this may cause the battery to give off heat, crack, or start a fire.
• Dispose of battery in the proper manner, according to federal, state, and local regulations.
• The batteries (battery pack or batteries installed) shall not be exposed to excessive heat source such as sunshine, fire or the like.

CAUTION:
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.

Operating on the Remote Control
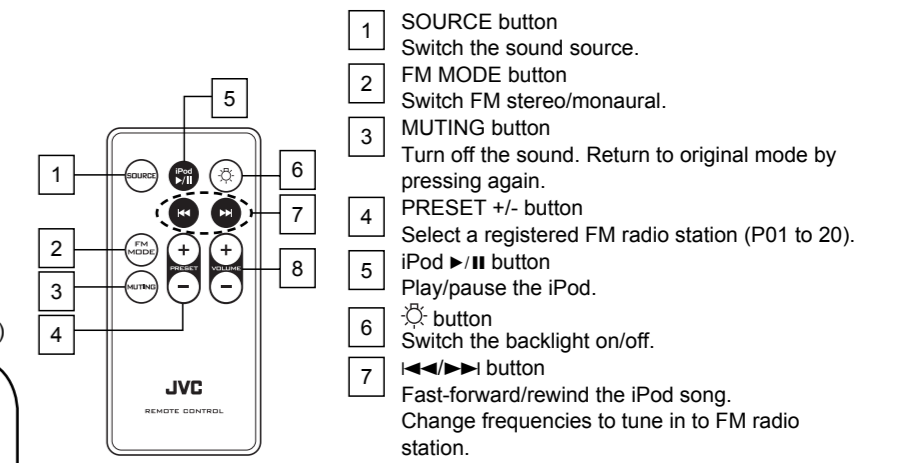
1	SOURCE button
	Switch the sound source.
2	FM MODE button
	Switch FM stereo/monaural.
3	MUTING button
	Turn off the sound. Return to original mode by pressing again.
4	PRESET +/- button
	Select a registered FM radio station (P01 to 20).
5	iPod ▶/Ⅱ button
	Play/pause the iPod.
6	☼ button
	Switch the backlight on/off.
7	Ⅰ◀◀/▶▶Ⅰ button
	Fast-forward/rewind the iPod song.
	Change frequencies to tune in to FM radio station.
8	VOLUME +/- button
	You can adjust the volume level from 00 to a maximum of 20.

NOTES
• Point the remote control at the remote control sensor on the front panel.
• The remote control sensor is designed to receive signals from up to approximately 7 m distance when the remote control is pointed directly. If the remote control is pointed with an angle, the distance may become shorter.

Warnings, Cautions and Others / Mises en garde, précautions et indications diverses

(For U.S.A)

⚠ **CAUTION**
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

(For U.S.A)

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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.

ATTENTION
Afin d'eviter tout risque d'electrocution, d'incendie, etc.:
 1 Ne pas enlever les vis ni les panneaux et ne pas ouvrir le coffret de l'appareil.
 2 Ne pas exposer l'appareil a la pluie ni a l'humidite.

• Rating label is placed on the exterior of the bottom.

CAUTION— ⏻/Ⅰ switch!
Disconnect the mains plug to shut the power off completely. When installing the product ensure that the plug is easily accessible. The ⏻/Ⅰ switch in any position does not disconnect the mains line.

ATTENTION— Interrupteur ⏻/Ⅰ !
Deconnectez la fiche secteur pour mettre l'appareil completement hors tension. Lors de l'installation de l'appareil, assurez-vous que la fiche soit facilement accessible. L'interrupteur ⏻/Ⅰ dans n'importe quelle position ne deconnecte pas l'appareil du secteur.

(For U.S.A)

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.

(For U.S.A)
CAUTION
Changes or modifications not approved by JVC could void the user's authority to operate the equipment.

For Canada/pour le Canada
THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED "DIGITAL APPARATUS," ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS.

CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIOELECTRIQUES APPLICABLES AUX APPAREILS NUMERIQUES DE CLASSE B PRESCRITES DANS LA NORME SUR LE MATERIEL BROUILLEUR; "APPAREILS NUMERIQUES", NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

Caution: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
Front: No obstructions and open spacing.
Sides/ Top/ Back: No obstructions should be placed in the areas shown by the dimensions below.
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.

Attention: Aeration correcte
Pour prevenir tout risque de decharge electrique ou d'incendie et eviter toute deterioration, installez l'appareil de la maniere suivante:
Avant: Bien degage de tout objet.
Cotes/dessus/dessous: Assurez-vous que rien ne bloque les espaces indiques sur le schema ci-dessous.
Dessous: Posez l'appareil sur une surface plane et horizontale. Veillez a ce que sa ventilation correcte puisse se faire en le placant sur un support d'au moins dix centimetres de hauteur.

Front Face   Side Côté

15cm   15cm   15cm
15cm   15cm   15cm
10cm

Precautions
• Install in a place which is level, dry and neither too hot nor too cold–between 5°C and 35°C.
• Install the System in a location with adequate ventilation to prevent internal heat buildup inside the System.
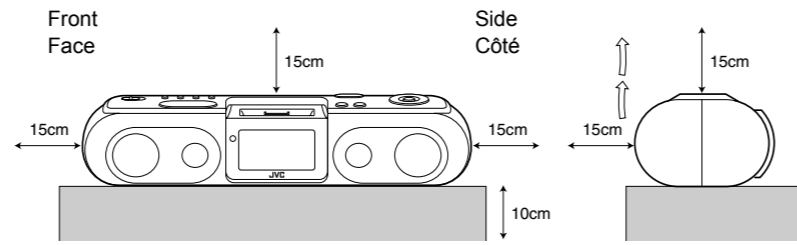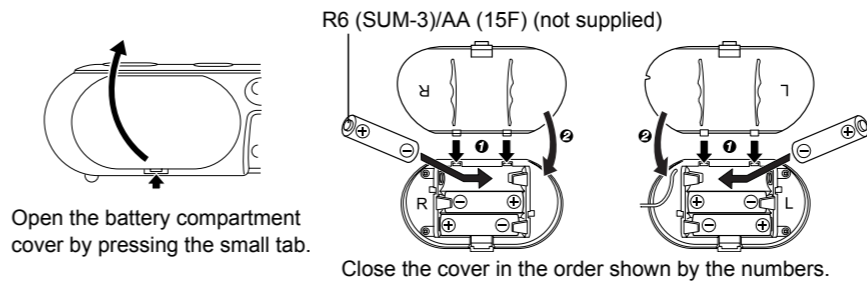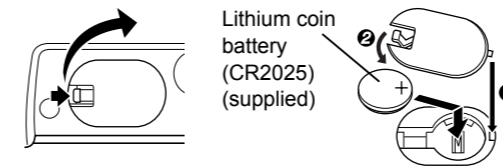
STOP! DO NOT install the System in a location near heat sources, or in a place subject to direct sunlight, excessive dust or vibration.

• Leave sufficient distance between the System and the TV.
• Keep the speakers away from the TV to avoid interference with TV.

🗑 [European Union only]
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Troubleshooting

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

In These Cases	Check the following points
Power does not come on.	• AC adaptor is not inserted securely. Plug in securely. • The batteries are exhausted.
No longer works.	Press the "RESET" button (see "Resetting the unit").
Cannot set the iPod.	• Is the selected attachment compatible to your iPod? Confirm the compatibility of iPod and attachments in "iPod Compatibility Chart". • Is the attachment properly mounted on the unit? Make sure to mount the attachment properly.
Cannot operate iPod.	• Is the iPod firmly connected to the connector plug of the unit? • Is the iPod properly functioning? Test the iPod functions in stand alone condition.
iPod cannot be charged.	• Is the iPod firmly connected to the connector plug of the unit? • Is the AC adaptor connected? The iPod cannot be charged while the Unit is operated on batteries. • For iPod 3rd Generation, set the "CHARGING SWITCH" to "FIREWIRE" (see "Charging the iPod").
Hard to listen to broadcasts because of noise.	The FM antenna is not properly extended and positioned.
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.
When the volume level is manually set higher than "08", the unit automatically lowers the level to "08".	The unit's battery runs low (The "---" (Low battery) appears on the display). Replace the batteries with new ones.

● **Resetting the unit**
If "Troubleshooting" does not eliminate malfunctioning (failure to operate or display properly, etc.), press the "RESET" button on the rear of the unit with something having a sharp point, while the unit is turned on. After pressing "RESET" button, unplug the AC adaptor and wait a while before plugging it again.
• When using "RESET" button, make sure the lithium coin battery is loaded.
• While resetting the unit, the clock is also reset. Adjust the clock after resetting the unit.
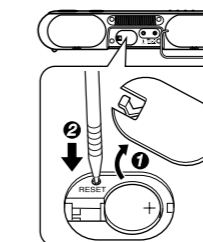
Specifications

Model		RA-P10
Type		Portable audio system
Amplifier	Power Output	4W x 2
		1kHz 10% THD, 6Ω
Input Sensitivity/ Impedance	AUX Input	250mV/47kΩ
FM Tuner	Tuning Range	87.5MHz - 108.0MHz
	Frequency Step	100kHz
	Preset Stations	20
Speaker		1way full range, diameter 35mm x2
Input Terminal		External DC IN (for AC adaptor)
		AUX IN (mini jack)
Power Source		DC9V ⎓ 1.5A (EXTERNAL DC IN)
		DC9V ⎓ (SIZE R6, AA BATTERY OR EQUIVALENT x6)
		DC3V ⎓ (CR2025, for the clock)
AC adaptor		Input : AC 110-240V〜, 50/60Hz
		Output : DC 9V ⎓ 1.5A
Dimensions (W x H x D)		(W) 331 mm x (H) 71 mm x (D) 98 mm
Weight (Without batteries)		0.7kg
Accessory		See Supplied Accessories

Specifications and appearance are subject to change without prior notice.

Basic and Common Operations

Press	Functions
SNOOZE/LIGHT	• Light the display screen for 5 seconds when the power is turned off. • Temporarily stop the alarm sound when the alarm is ringing (SNOOZE). (see "Stopping alarm sound")

Press	Functions
°C/°F	Switch the temperature display between Celsius/Fahrenheit.

iPod connector plug

See "How to set the time and use the alarm"   Remote control sensor

● Turn on or off the power

Press	Functions
⏻/I	Turns on or off the power

When the power is turned off at volume level "15" or higher, the unit automatically sets the volume level to "14" the next time it is turned on.

● Adjust the volume

Press	Functions
VOLUME ⊖ ⊕	Adjust the volume level from 00 to a maximum of 20. –: Turn down the volume. +: Turn up the volume.

Press	Functions
FM MODE/☼	• Switch on/off the backlight when the button is held down. • Switch FM stereo/monaural when FM is selected.
►►I I◄◄ ►/II	(see "Playing back from iPod" and "Listening to FM Broadcasts")

● Select a source

Press	Functions
SOURCE	Select a source iPod → FM → AUX

● Display Information

Date ----- MONTH DATE ALARM 🔊
18/88
Day of the week ----- DAY Mon Tue Wed Thu Fri Sat Sun
Temperature ----- TEMP °C °F 188
AUX FM 188.85 MHz STEREO MONO
----- Current time/alarm time

Sound source indicator	iPod/FM/AUX (blinks while muted)
When adjusting the volume	00 - 20
When FM radio is selected	P01 - P20 (channel) / 87.5 - 108.0 MHz (frequency)
When the source is set to iPod and the alarm is set to TIMER PLAY	iPod (slow blinking)
When the source is set to FM radio and the alarm is set to TIMER PLAY	87.5 - 108.0 MHz ↔ P01-P20
When battery power is low	- - -
When trying to set alarm to TIMER PLAY while selecting AUX	E r r

◆ Explanation of Icons

ALARM Off: current time / On: alarm time

🔊 Off: alarm off / On: alarm on / Blinking: alarm sounding (When "TIMER PLAY" is set)

Z^Z Blinks while snoozing (the alarm is paused)

STEREO "STEREO" is displayed when an FM stereo broadcast is received.
MONO "MONO" is displayed when the monaural is selected. (see "Listening to FM Broadcasts ")

• Current time: Blinking / Other Clock Display: Lighting

How to set the time and use the alarm

Switch/Press	Functions
OFF ALARM TIMER PLAY	Switch the alarm on/off. OFF: turn off the alarm (BUZZER/ TIMER PLAY). BUZZER: alarm on (buzzer sound) TIMER PLAY: alarm on (iPod/FM radio)
SET	• Switch between current time and alarm time. • Press and hold this button to select the current time/alarm time setting mode.
DOWN UP	Change the values for the time setting.

Setting the Clock

1 Switch to current time display with the "SET" button.
2 Press and hold the "SET" button. → The year display starts flashing.
3 While flashing, set each item with the "DOWN"/"UP" buttons.
4 Press the SET button.
• When the "SET" button is pressed, the flashing items will change in the following order.

Year → Month → Day → 12/24-hour time → Hour → Min. → time display

• The time is set when switching to time display from Minutes.

NOTES
• The time can be set both when the power is on and off.
• To modify the setting, start again from step 1.

Setting the alarm (ALARM-BUZZER)

1 Switch to alarm time display with the "SET" button. → "ALARM" icon appears on the display.
2 Press and hold the "SET" button. → The hour display starts flashing.
3 While flashing, set each item with the "DOWN"/"UP" buttons.
• When the "SET" button is pressed, the flashing items will change in the following order.

Hour → Min. → TIMER PLAY time (10 to 30) → time display

• It is not necessary to set the "TIMER PLAY" time at this point.

4 Switch the "ALARM" switch to "BUZZER".
• To check the set time, switch the display to alarm time by pressing the "SET" button.
• The buzzer sounds for three minutes.

Selecting iPod or FM radio for the alarm sound (ALARM-TIMER PLAY)

1 Set the alarm time.
(See steps 1 to 3 of "To set the alarm (ALARM-BUZZER)")

Hour → Min. → TIMER PLAY time (10 to 30) → time display

• You can set the duration of time between timer-on and timer-off from 10 minutes to 30 minutes in TIMER PLAY time.
2 If the power is off, turn the unit power on.
3 Confirm that you can hear the iPod or FM radio.
• Set to an appropriate volume.
4 Switch the "ALARM" switch to "TIMER PLAY". The selected source is blinking on the display.

CAUTION:
• "AUX" cannot be selected as a source. Select another source.
• The "TIMER PLAY" does not work when the Unit power is turned off.

Stopping alarm sound

◆ To pause the alarm (snooze)
Press the "SNOOZE/LIGHT" button while the alarm in sounding, when the alarm is set with either "ALARM-BUZZER" or "ALARM-TIMER PLAY".
The alarm sound is temporarily stopped, and started again 5 minutes later. You can repeat this up to 10 times.

◆ To stop the alarm (BUZZER/ TIMER PLAY)
• Switch the "ALARM" switch to "OFF".

Playing back from other equipment

Connecting other equipment

Connect an external device to the AUX jack on the rear of the unit using a stereo mini plug cord (not supplied) .

To audio output such as CD/MD/digital audio player, etc.

AUX

NOTE
• Always set volume to the minimum level when connecting or disconnecting the other equipment.

Listening to external devices

1 Turn the unit power on.
2 Select "AUX" with the "SOURCE" button.
3 Start playback on the external device.
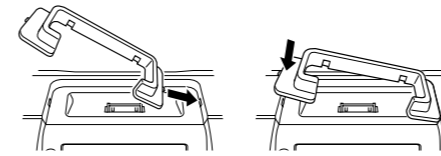4 Adjust the volume.

Playing back from iPod

Setting the iPod on the unit

1 Select the attachment compatible to your iPod (see "iPod Compatibility Chart").
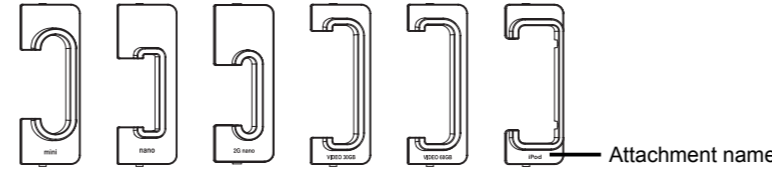
Attachment name

2 Match the attachment tab to the hole in the unit, and insert the attachment to the unit.

3 Connect the iPod to the connector plug of the unit.
• Always set volume to the minimum level when connecting or disconnecting iPod.
• When you connect your iPod to the unit, make sure you insert it all the way.
• When disconnecting the iPod, make sure that the System is turned off.

● iPod Compatibility Chart

iPod model	4 GB mini 1st Generation 4 GB mini 2nd Generation 6 GB mini 2nd Generation	iPod nano 1GB/2GB/4GB	iPod nano 2nd Generation 2GB/4GB/8GB	iPod video 5th Generation 30GB	iPod video 5th Generation 60GB/80GB
Attachment names	mini	nano	2G nano	VIDEO 30GB	VIDEO 60GB

iPod model	iPod 3rd Generation 10GB/15GB/20GB iPod 4th Generation 20GB iPod photo 4th Generation 20GB/30GB	iPod 3rd Generation 30GB/40GB iPod 4th Generation 40GB iPod photo 4th Generation 40GB/60GB
Rubber pad	A type (Large)	B type(Small)
Attachment name	iPod	Combine this attachment with the rubber pads. Select the rubber pad size which matches your iPod model.

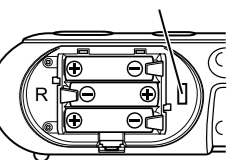• Select the appropriate attachment for your iPod model.

Listening to the iPod

1 Connect the iPod to the unit.
2 Turn the unit power on.
3 Select "iPod" with the "SOURCE" button.
When iPod is selected as sound source, it automatically starts playback.

Press		Functions
Unit	Remote control	
►/II	►/II	Playback/Pause Press and hold this button to switch the iPod to sleep mode.
►►I	►►I	Next song / fast forward (press and hold)
I◄◄	I◄◄	Previous song (Press this button during playback to jump back to the beginning of the track.) / fast rewind (press and hold)

Charging the iPod

The iPod is charged while it is set on the unit when the Unit power is on.
• Connect the AC adaptor to the Unit. The iPod battery is not charged while the Unit is operated on the battery power supply.
• The iPod is charged regardless of the sound source selected on the Unit.
• See the iPod instruction manual about charging times.
• The "CHARGING SWITCH" is located inside of battery compartment on the rear of the Unit.
Set the "CHARGING SWITCH" to "FIREWIRE" for 10GB/15GB/20GB/30GB/40GB iPod 3rd Generation. For all other models, you can set the switch to either "FIREWIRE" or "USB" to charge the iPod.

CHARGING SWITCH

● How to combine the rubber pads with the attachment
There are two types of rubber pad : "A type (Large)" and "B type (Small)".
Select the appropriate rubber pads for your iPod model.

A type (Large)   B type(Small)

Insert the rubber pads narrow-end first.
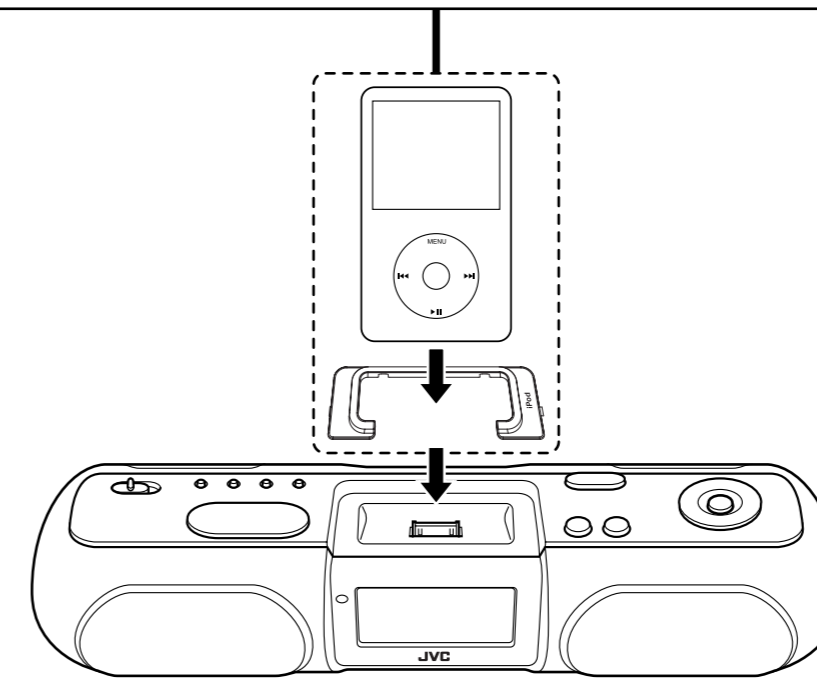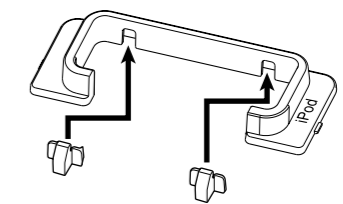
NOTES
• The connector plug is protected with a cover when it is first purchased. Please remove the cover before operating the unit.
• Do not carry the System with iPod connected. You might drop it down or it might cause damages to the connector part.
• Do not touch or hit the iPod terminal pins or the connector pins directly. It might cause damages to the connector part.
• If the iPod does not play correctly, please update your iPod software to the latest version. - For details about updating your iPod, check on the Apple web site <http://www.apple.com>.
• iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.
• JVC is not responsible for any loss of or damage to iPod that might result from the use of this product.
• Sound distortion may occur when playing back audio sources with high recording levels. When distortion occurs, it is recommended to turn off the equalizer of the iPod. For information on operating the iPod, see the iPod instruction manual.

Listening to FM Broadcasts

Press		Functions
Unit	Remote control	
FM MODE/☼	FM MODE	Switch FM stereo/monaural. When there is too much static in an FM stereo broadcast, you can reduce the static by switching to monaural reception. Press again to switch back to stereo reception. If the broadcast is not FM stereo, the sound becomes monaural, even if FM stereo is selected.
►/II	—	• Switch channel display / frequency display. Channel display is automatically switched to frequency display after approx. 3 seconds. FM 87.5 STEREO MHz (Frequency display) FM P01 STEREO MHz (Channel display) • To register a channel, press and hold this button. (see "Presetting Stations")
►►I I◄◄	+ −	Select a channel from P01 to P20. (The unit button can be used when channel display is selected.)
►►I I◄◄	►►I I◄◄	Change frequencies to tune in to FM radio station. (The unit button can be used when frequency display is selected.) • Press and hold to search broadcast stations automatically. The search is finished when the signal is received. Press again while searching to quit search.

Listening to FM radio

Stretch out the wire antenna located on the rear of the unit before using.

1 Turn the Unit power on.
2 Select "FM" with the "SOURCE" button.
3 Select a station with the "I◄◄"/"►►I" button.

Presetting Stations

1 Select "FM" with the "SOURCE" button, and switch to channel display with "►/II" button.
2 Use the "I◄◄"/"►►I" button to select the channel number (P01 to P20) to be registered.
3 Press and hold the "►/II" button. → The channel number starts flashing.

FM P01

4 Use the "I◄◄"/"►►I" button to select the frequency (87.5 MHz to 108.0 MHz) of the station that you wish to register.
5 Press the "►/II" button → The selected frequency will be registered.

FM 87.5 MHz

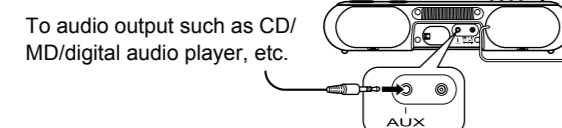• To confirm registration, select the registered channel number (P01 to P20), and press "►/II" button to display frequency.