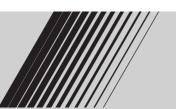
# JVC



## **POWERED WOOFER CD SYSTEM** RV-NB52B/RV-NB50

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





MP3/WMA

### For customer use:

Enter below the Model No. and Serial No. which are located either on the rear, bottom or side of the cabinet. Retain this information for future reference Model No. Serial No.



#### To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:

- No obstructions and open spacing. 2 Sides/Top/Back:
- No obstructions should be placed in the areas shown by the dimensions below.

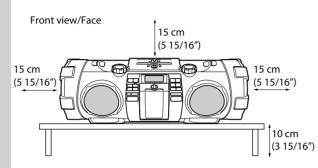
Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm (3 15/16") or more.

#### **Attention: Aération correcte**

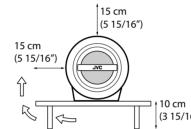
Caution: Proper Ventilation

Pour prévenir tout risque de décharge électrique ou d'incendie et éviter toute détérioration, installez l'apparei de la manière suivante:

- 1 Avant:
- Bien dégagé de tout objet.
- 2 Côtés/dessus/dessous Assurez-vous que rien ne bloque les espaces indiqués sur
- le schéma ci-dessous
- 3 Dessous Posez l'appareil sur une surface plane et horizontale. Veillez à ce que sa ventilation correcte puisse se faire en le plaçant sur un support d'au moins dix centimètres de







## TADOUTEDING/FILE-/IPOG/DINEAY

#### Playable discs/files

Discs | CDs with one of the marks below on the surface.

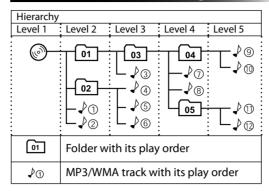
Files in audio CD format. MP3/WMA files on a finalized CD-R or CD-RW. MP3/WMA files in a USB device can also be played.

- MP3/WMA discs require a longer readout time than regular CDs. (It depends on the complexity of the folder/file configuration.)
- Some MP3/WMA files cannot be played back and will be skipped. This results from their
- recording processes and conditions. When making MP3/WMA discs, use ISO 9660
- Level 1 for the disc format. This unit 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
- file at a sampling rate of 44.1 kHz and at a bit rate of 128 kbps. Similarly each WMA file at a sampling rate of 44.1 kHz and at a bit rate of 96 kbps.
- Playback order of MP3/ WMA files may be different from the one you have intended when recording. If a folder does not contain
- MP3/WMA files, it is 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 a total of 511 tracks and folders on a disc, and 65536 files in up to 200 groups (maximum 500 files in a single group) on a USB device.

#### • The reflection factor of CD-RW is lower than that of For playing back: other CDs, possibly causing CD-RW to take longer

time to read In this manual, "file" and "track" are interchangeably used for MP3/WMA operations.

#### MP3/WMA folders/tracks configuration



## Important for USB mass storage class

#### For connecting/disconnecting:

- USB Memory and DAPs compatible with the USB mass storage class specifications are connectable.
- Always set the volume to the minimum level when
- connecting or disconnecting a USB device. • When connecting with a USB cable, use the USB 2.0
- cable less than 1 m (3.28 ft) in length. You cannot connect a computer to the USB
- MEMORY terminal of the unit.
- Connect one USB device to the unit at a time. Do not use a USB hub
- When the power is supplied through the AC outlet and USB is selected as the source, the USB device is charged through the USB MEMORY terminal, however some USB devices may not be charged.

- When connecting a USB device, refer also to its
- You can play back MP3/WMA files on a USB device (maximum data transfer rate: 2 Mbps). This unit may not play back some files even though their formats are listed above.
- While playing back a file in a USB device, do not disconnect the USB device. It may cause
- malfunction of both this unit and the device.
- 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. • This unit cannot recognize a USB mass storage class
- device whose rating exceeds 5V/500 mA. You cannot send any data to your USB device from
- Some USB devices may not be recognized or may not work properly.
- 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. 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.
- JVC bears no responsibility for any loss of data in the USB mass storage class device while using this
- \* 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.

#### Important for iPod devices

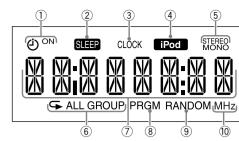
#### · Compatible iPod:

iPod model
Pod nano
Pod nano (2nd Generation)
Pod nano (3rd Generation)
Pod nano (4th Generation)
Pod mini
Pod mini (2nd Generation)
Pod (4th Generation)
Pod classic
Pod photo (4th Generation)
Pod video (5th Generation)
Pod touch
Pod touch (2nd Generation)

• 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 iPod. For information on operating iPod, see the iPod instruction manual.

iPod is a trademark of Apple Inc., registered in the U.S. and other countries. "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance

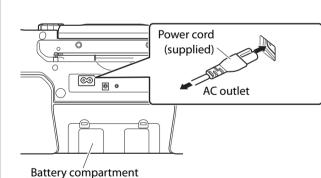
Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.



- Timer indicators
- (i) (timer), ON SLEEP indicator
- **CLOCK** indicator
- iPod indicator FM mode indicators
- STEREO, MONO Repeat indicators
- ←, ← ALL, ← GROUP
- Main display
- PRGM (program) indicator
- RANDOM indicator Frequency unit indicators

#### DDEDADATIA

#### Connecting the power cord



### NOTE

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LVT2062-001C[J/C]

0110YOMMDWBET

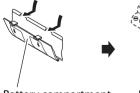
**EN** 

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

- Only use JVC power cord provided for this unit to avoid malfunction or
- Remove all the 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.

Unplug the AC power cord from the unit to supply the power through the batteries in the battery compartment; otherwise, the unit does not work.

## (Inserting batteries



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





## If the range or effectiveness of the remote control decreases, replace the

#### NOTE

- The power will not be supplied through the batteries when the power is supplied through the AC outlet on the unit.
- The battery is consumed more quickly than usual when operating the unit continuously or operating it in a cold place.
- When the power is supplied using the batteries, the display will be blank when the unit is turned off (at standby).
- When the power is supplied using the batteries, the unit is turned on by pressing U/I or source buttons on the main unit.

#### **CAUTION**

- To avoid battery leakage or explosion, handle batteries properly.
- 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.
- 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.

## REFERENCES

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

### Maintenance

#### **Handling discs**

 Remove the disc from its case by holding it at the edge while pressing the center hole

- 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.

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

## Cleaning the unit

- · Stains should be wiped off with a soft cloth. If the unit 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 unit may deteriorate in quality, become damaged or get its paint peeled off, be careful about the following:
- DO NOT wipe it hard.
- 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. Cleaning the CD pickup lens Keep the CD pickup lens clean, or the sound

may be degraded. Use a blower (available at a

camera store, etc.) to blow dust off the lens.

#### **Troubleshooting**

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

## General

## Power does not come on.

→ No power is supplied. Check the power cord connection or change the batteries. Adjustments or settings are suddenly canceled

#### before you finish. → There is a time limit. Repeat the procedure again. Unable to operate the unit or the unit does not

- work properly. → The built-in microprocessor may malfunction due to external electrical interference. Unplug the power cord, then plug it back in.
- ⇒Batteries are exhausted. Change the batteries. Unable to operate the unit from the remote
- control. → The path between the remote control and the

remote sensor on the unit is blocked.

#### → The batteries are exhausted. No sound is heard.

→ Headphones are connected.

#### While the power is supplied using the batteries, sound from the speakers is distorted or too quiet.

⇒ Batteries are exhausted. Change the batteries.

### **Disc/USB Mass Storage Class Device** Operations

#### The disc/USB device 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 unit)." It cannot be played. Check the files you want to play back.
- → The USB device is not connected properly.

#### MP3/WMA groups and tracks are not played back as you expect. → Playing order is determined when the groups

and tracks were recorded. It depends on the

#### writing application. The disc/USB device sound is discontinuous.

#### →The disc is scratched or dirty. → MP3/WMA files have not been properly copied onto the USB device.

#### Sounds from USB device are interrupted. Noise and static electricity may stop the sound. In this case, disconnect and connect the USB

device again after turning off the unit.

## iPod Operations

#### iPod does not play, but "CONNECT" appears on the display.

#### → The iPod battery is low or exhausted. Charge the iPod battery

#### **Radio Operations**

## Hard to listen to broadcasts because of noise.

→ 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

## Timer Operations

### Daily Timer does not work.

→ The unit has been turned on when the on-time comes. Timer starts working only when the unit is turned off.

108.0 MHz

 $16 \Omega$ 

 $7 \Omega$ 

13 cm (5 1/8")

Speaker impedance:

cone x 2

FM telescopic

#### Disc player CD capacity: 1CD Signal-to-noise ratio: 85 dB

90 dB Dynamic range: FM tuning range: 87.5 MHz -

### Antenna:

General

Speakers: • Full range: 8 cm (3 3/16") cone x 2 Speaker impedance:

## · Super woofer:

Output power:

40 W Playable files: • USB: MP3, WMA

· Dock for iPod:

Output terminal:

• DC IN:

· Compatible device: Mass storage class • Output power: DC 5 V === 500 mA DC 5 V === 500 mA DC 12 V, 2 A

PHONES (φ3.5) x 1

Power supply: AC 120 V  $\sim$ , 60 Hz DC 15 V (R20 (SUM-1)/D (13D)-size batteries x 10) External DC 12 V

consumption: AC 120 V  $\sim$ , 60 Hz: 28 W (at operation) 1 W (on standby)

External DC 12 V 2 A (power on mode) 666 mm (26 1/4") x **Dimensions:** 231 mm (9 1/8") x 240 mm (9 1/2") (W/H/D)

Approx. 6.8 kg (15.0 lbs)

(without batteries stored in the battery compartment) Accessories Power cord x 1 Remote control x

Mass:

Stopper x 2 Design and specifications are subject to change

Buckle x 2

Shoulder belt x 1

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## A Listening to an iPod device

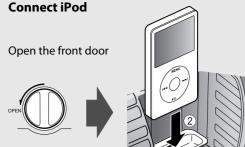
You can operate iPod through the unit.

- Before connecting iPod to the unit, check its type and software version. (See playable iPod devices on the other side of this sheet.)
- Note that any data cannot be sent to iPod from the unit.

#### CAUTIONS

- JVC is not responsible for any loss of or damage to iPod that might result from the use of this product.
- When you connect iPod to the unit, make sure the connection on this unit is fully inserted into
- Do not carry the unit 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 Remove iPod from the unit when you do not use
- While playing back a track from iPod, do not disconnect the iPod. Doing so may cause
- malfunction of both this unit and iPod. Always set the volume to the minimum level
- when connecting or disconnecting iPod.
- Do not leave the front door open. Do not press down on the front door when it is

open, as the unit could fall and possibly cause



Dock adapter

(supplied with

iPod or sold

separately)

To detach the dock adapter

the slot.

· Be careful not to injure your fingertips or

damage the terminal of the dock.

**Start Playback** 

The unit turns on.

1. Press 心儿.

Main unit

ዕ/I

Pull up the dock adapter

sharp pointed tool using

Remote control

ψ/I

with your fingernail or

To pause, press iPod ►/II.

2. Press iPod ►/II.

Main unit

3. Adjust the volume.

**►**/II

 To cancel pause, press iPod ►/II again. Playback continues from the point where it was paused.

To select a track, press I → or ► I

iPod is turned on and starts playing.

iPod ▶/II again to start playback.

When you selected another source press

Remote control

iPod •/II

Main unit Remote control **I**■■ **▶**▶I [44/44] **▶►/►►I**)

- Press ►►I once to skip to the beginning of the next track.
- Press I to skip to the beginning of the track being played. Press I◀◀ twice quickly to skip to the beginning of the previous track.

To fast forward/reverse, press and hold I◄◀ or ▶▶I during playback.

### NOTE

When iPod is selected as the source...

- "CONNECT" appears on the display of the unit when iPod connected.
- "NOiPod" appears on the display of the unit when iPod is not connected.

#### iPod menu operation (Remote control only)

- 1 Press MENU to display the menu.
- 2 Press GROUP UP or GROUP DOWN to select a menu item, then press SET to confirm it.

To go back to the previous menu, press MENU.

Refer also to the instruction manual for iPod for

#### Turning off iPod

- Press and hold iPod ▶/II for about 2 seconds. · Selecting another source also turns off iPod.
- Turning off the unit may not turn off iPod depending on the current source.

#### About the battery charge of iPod

• When the unit is connected to the AC outlet: The iPod battery is always charged.

D

When the unit is operated on batteries: The iPod battery is not charged even if the unit is turned on.

## **B** Playing back a disc/USB device

USB

Remote control

memory

USB cord

Remote control

000

### Display during playback Playback number

To stop playback, Press ■.

3. Adjust the volume.

Main unit Remote contro **(** 

#### To pause, press CD ►/II or USB ►/II.

To cancel pause, press ►/II again. Playback continues from the point where it was paused.

#### To select a track, press I → or ► I

Main unit Remote control ▶▶ (144/44) (►►/►►I)

- Press ►►I once to skip to the beginning of the next track. Press I to skip to the beginning of the track
- being played. Press I twice quickly to skip to the beginning of the previous track.

Adjusting the volume

Main unit

(On the right)

Adjusting the super woofer volume

Main unit

(On the left)

You can adjust the volume level

between MIN 01 and 30 MAX.

To locate a track directly, press number

- To directly play track 5, press 5. • To directly play track 15, press +10
- To directly play track 20, press +10 once, then press 10
- To directly play track 25, press +10, +10 then press 5.
- +10, +10 then press 10.
- once, then press 9.
- To directly play track 120, press +100, +10 then 10.
- +10, +10 then 5.

#### To fast forward/reverse, press and hold I◀◀ or ▶▶I during playback.

To select a group (for MP3/WMA), press GROUP UP or GROUP DOWN. (Remote



control only)

- · Press GROUP UP to skip to the next
- Press GROUP DOWN to skip to the previous group.

Turning off the sound temporarily

To restore the sound, press MUTING again

Sound modes can be selected to enhance the

Each time you press the button, the sound

including popular and vocal music.

**CLEAR:** Set to this position for crisp and clear

Remote control

Press SOUND MODE to select the sound

Remote control

or adjust the volume

type of music being played.

Sound mode

#### ψ/I 2. Press FM Remote control Main unit FM FM

The unit turns on.

1. Press 🖖 🗓

Main unit

ዕ/I

Main unit

3. Select the station. Remote control

Remote control

Press and hold I◄◄ or ►►I to change the

### sufficient signal strength is tuned in. Presetting stations (Remote control only)

frequency automatically until a station of

**C** Listening to

FM stations

### 1. Tune in to a station you want to preset.

- Finish the following steps while the
- Press the number button to select a

## preset number you want to store.

To select P-5, press 5. To select P-15, press +10 then 5. To select P-20, press +10 once then press 10. To select P-25, press +10,+10 then press 5.

4. Press SET to store the station.

To listen to the preset stations, press number buttons to select the preset number.

#### Improving the FM reception

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

(MONO) mode.

Remote control

Main unit

To restore stereo reception, press FM MODE

Adjust the FM telescopic antenna's length, angle and direction until the best reception is

Be sure to turn down the volume before connecting or putting on the headphones.

 Sound adjustments other than the super woofer volume level also affect the sound



#### When the power is supplied through the AC outlet for the first time after the purchase, the CLOCK NOTE indicator and "AM 12:00" flash on the display. Set the clock before using the sleep and daily timers.

Using the timer (Remote control only)

1. Press CLOCK/TIMER.



an injury.

2. Press |◄◄/◄◄ or ▶►/▶▶| to adjust the hour



Setting the Clock

• When you press and hold the button, the hour digit changes continuously.

3. Press SET.



The minutes digits start flashing on the display.

### 4. Press |◄◄/◄◄ or ▶▶/▶▶| to adjust the · When you press and hold the button, the

- minute digit changes continuously. • If you want to change the hour setting, press CANCEL
- 5. Press SET.

Finish setting the clock.

### To display the clock, press DISPLAY.

• Each time you press the button, the clock and normal indicator changes alternately.

- About one hour after you disconnect the AC power cord, the set time will be reset.
- If the power supplied using batteries, the clock does not appear on the display when the unit is turned off.

### Setting the Sleep Timer

1. Press SLEEP.



Each time you press the button, the shut-off time (in minute) changes as follows:

 $10 \rightarrow 20 \rightarrow 30 \rightarrow 60 \rightarrow 90 \rightarrow 120 \rightarrow OFF \rightarrow$ 

(back to the beginning) The unit is now set to turn off after the minutes you set have elapsed.

To check the remaining time until the unit shuts **off**, press SLEEP once.

To cancel the sleep timer, press SLEEP repeatedly to select "OFF."

4. Press the number buttons to select the track

#### Setting the Daily Timer

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

### NOTE

Tune into a station, load a disc, or connect a USB device/iPod to the unit, and make sure that the source works properly beforehand.

1. Press CLOCK/TIMER.

## 2. Press |◄◄/◄◄ or ▶►/▶▶| to adjust the

· When you press and hold the button,



the hour digit changes continuously. 3. Press SET.

## The minutes digits start flashing on the

- the minute digit changes continuously · If you want to change the hour setting,



hour

press CANCEL.

## 4. Press | ◀◀/ ◀◀ or ▶▶/▶▶| to adjust the

When you press and hold the button,

#### Press SET. Finish setting on-time

6. Press |◄◄/◄◄ or ▶►/▶▶| to select the source. 7. Press |◄◄/◄◄ or ▶►/▶►| to adjust the

volume. See the instruction about adjusting volume.

#### 8. Press SET. (i) ON lights.

- 9. Press U/I to turn off the unit. The daily timer works only when the unit is on
- When the on-time comes, the unit sets the volume gradually to the preset level.

## To correct a misentry during the process, press

Load a disc or connect a USB device.

**USB** device

Start Playback

The unit turns on.

2. Press CD ►/II or USB ►/II.

B

//

A

В

Starts reading the disc or USB device and

CD Or USB ►/II

1. Press 🖖/L

Main unit

ዕ/I

playback.

You can return to the previous step.

To change the set timer info when O ON is lit, press CLOCK/TIMER twice. You can start setting from step 2.

### To turn off the daily timer, press CANCEL.

· While the timer is being set, the timer indicator

• If you don't operate the unit for more than 1 hour,

(**(i**)) lights up. • While the timer is working, the timer indicator (ON) flashes.

the unit will turn off.

E



You can adjust the volume level between 1 and 6.



Remote control

DO NOT turn off (standby) the unit with the volume set to an extremely high level; otherwise, the sudden blast of sound can damage your hearing, speakers and headphones when you turn on the unit or start playback.

#### SOUND MODE Remote control Sound mode selection:

mode.

**BEAT:** Set to this position for music with a heavy beat, such as rock and disco music. **POP:** Set to this position for light music

mode changes as follows

Main unit

sounding music. **FLAT:** (no effect): Set to this position not to apply any sound mode.

· Connecting the headphones deactivates the speakers.

through the headphones.



## Program Playback

USB devise in any desired order including the same

5. Repeat step 4 to select other tracks for the

stopped.

making a program. See B Playing back a disc/USB device.



- 6. Press CD ►/II or USB ►/II. Playback starts. While making a program, you cannot specify a While stopped: group number to select a track.

the programmed order. To add a track to the end of the program, press the number buttons to select the track.

in the program is erased.

The tracks are played in random order once. The I◄◄/◄◄ button works only to go back to

#### You can play all the tracks, on the disc or USB You can repeat a track or tracks on the disc or USB devise in random order. devise as many times as you like.

**Press REPEAT.** See B Playing back a disc/USB device.

changes as follows:

beginning • **SALL**: Repeats all the tracks on the disc. • In program mode or random mode, only **→**ALL

• **\( \Gamma\)**: Repeats the current track.

can be selected.

### For MP3/WMA files: to the beginning)

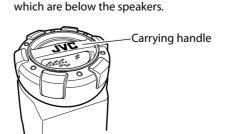
• 🗲 ALL: Repeats all the tracks on the disc or USB devise. In program mode or

repeats all the tracks in a Repeats the current track.

## E Carrying this unit

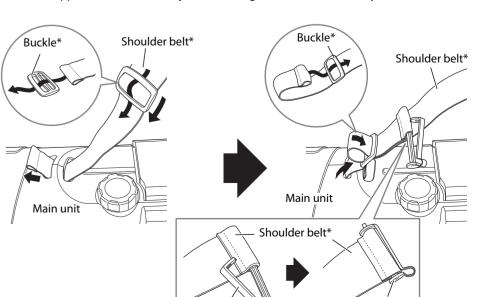
Using the carrying handles

the unit. If you carry the unit by only one handle, because of the length of the unit, the end may drag on the ground and be damaged as a result. Do not insert any foreign objects into them



· Disconnect all the cords from the unit.

### Using the shoulder belt



Remove a disc, USB device or iPod from

\* Supplied for this unit.

To directly play track 40, press +10,

• To directly play track 109, press +100

• To directly play track 125, press +100,

## You can preset 30 FM stations manually.



indication on the display is flashing.

Number buttons:

FM MODE

### Adjusting the antenna

obtained.

### **Using Headphones**

## Convenient playback (Remote control only)

## You can program up to 30 tracks from a disc or a

NOTE You can only make a program when playback is

Load a disc or connect a USB device before

3. Press PLAY MODE to select PROGRAM.



1. Press CD ►/II or USB ►/II.

## or USB

#### • To cancel the last track in the program, press CANCEL once.

#### To confirm the programmed tracks, press $| \blacktriangleleft \triangleleft / \blacktriangleleft |$ or $\triangleright \triangleright / \triangleright \triangleright |$ repeatedly; the tracks in the program will successively appears on the display in

To delete the tracks in the program, press CANCEL repeatedly. • Each time you press the button, the last track

• Turning off the power also clears the program.

To exit from the program play, press PLAY MODE

repeatedly until the "PRGM" indicator goes off.

#### Load a disc or connect a USB device before random play.

random playback.

While paused:

1. Press CD ►/II or USB ►/II.

Random Playback

2. Press PLAY MODE to select RANDOM.

3. Press CD ►/II or USB ►/II.

the beginning of the current track during the

**To exit from random mode**, press PLAY MODE

repeatedly until the "RANDOM" indicator goes off.

## Repeat Playback

Each time you press the button, the play mode

 $\rightarrow$  ALL  $\rightarrow$   $\rightarrow$  canceled  $\rightarrow$  (back to the

To exit from the repeat mode, press REPEAT repeatedly until the repeat indicator goes off.

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#### random mode, only **→**ALL can be selected. GROUP: In normal play mode,

### NOTE

the unit.

#### · The unit is not waterproof or dust proof.

**D** Adjusting the sound

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