



JVC KD-S71R CD Receiver Instructions

[Home](#) » [JVC](#) » JVC KD-S71R CD Receiver Instructions 

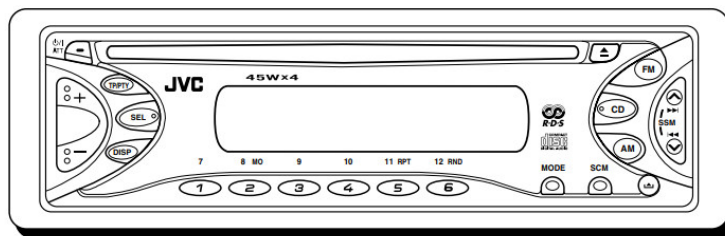
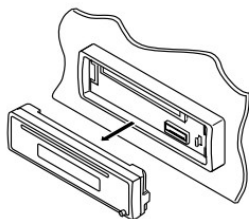
JVC

CD RECEIVER
KD-S73R/KD-S71R/
KD-S743R/KD-S741R

Contents

- 1 KD-S71R CD Receiver
- 2 Position And Reproduction Of Labels
- 3 How to reset your unit
- 4 LOCATION OF THE BUTTONS
- 5 BASIC OPERATIONS
- 6 RADIO OPERATIONS
- 7 RDS OPERATIONS
- 8 Searching your favorite programme
- 9 Other convenient RDS functions and adjustments
- 10 CD OPERATIONS
- 11 SOUND ADJUSTMENTS
- 12 OTHER MAIN FUNCTIONS
- 13 TROUBLESHOOTING
- 14 MAINTENANCE
- 15 SPECIFICATIONS
- 16 ELECTRICAL CONNECTIONS
- 17 Documents / Resources
 - 17.1 References

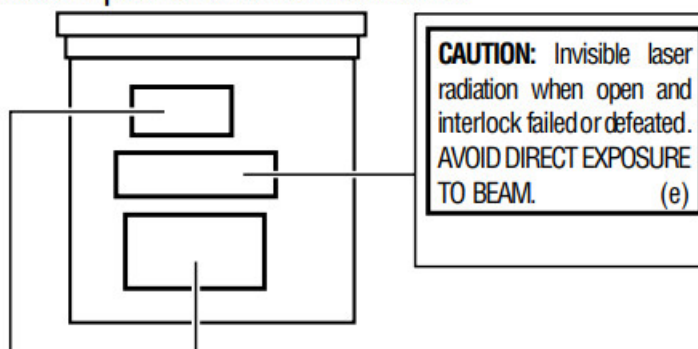
KD-S71R CD Receiver



For installation and connections, refer to the separate manual.

Position And Reproduction Of Labels

Bottom panel of the main unit



Name/Rating plate



Caution:

This product contains a laser component of higher laser class than Class 1.

IMPORTANT FOR LASER PRODUCTS

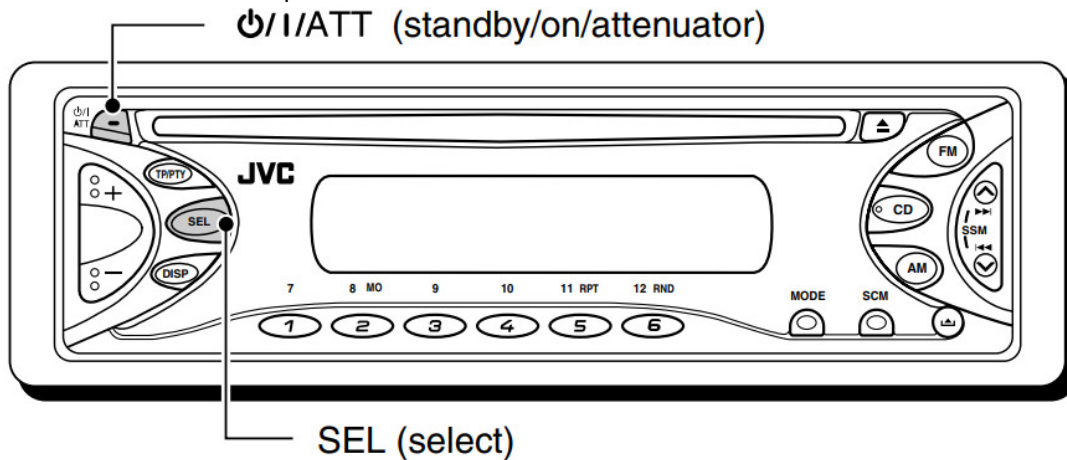
Precautions:

1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CAUTION:** Do not open the top cover. There are no user-serviceable parts inside. Leave all servicing to qualified service personnel.
4. **CAUTION:** This CD player uses invisible laser radiation and is equipped with safety switches to prevent radiation emission when unloading CDs. It is dangerous to defeat the safety switches.
5. **CAUTION:** Use of controls, adjustments or performance of procedures other than those specified herein may

result in hazardous radiation exposure.

How to reset your unit

While holding SEL (select), press (standby/on/attenuator) for more than 2 seconds.
This will reset the built-in microcomputer.



Notes:

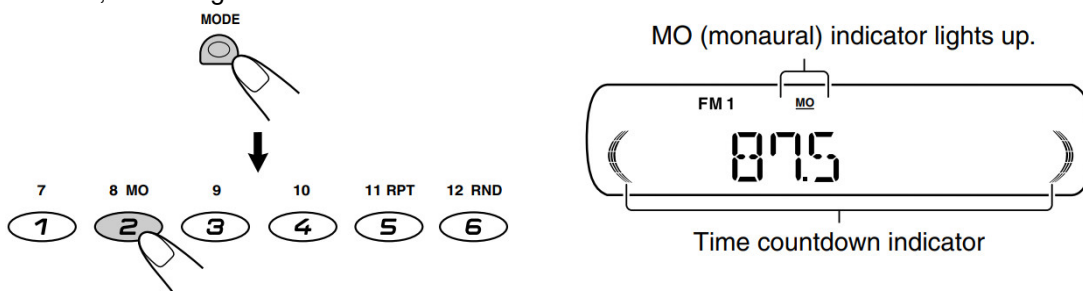
- Your preset adjustments—such as preset channels or sound adjustments—will also be erased.
- If a CD is in the unit, it will eject when you reset the unit. Be careful not to drop the CD.

Note:

For security reasons, a numbered ID card is provided with this unit, and the same ID number is imprinted on the unit's chassis. Keep the card in a safe place, as it will help the authorities to identify your unit if stolen. Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

How to use the MODE button

If you press MODE, the unit goes into functions mode and the number buttons work as different function buttons.



To use these buttons as number buttons again after pressing MODE, wait for 5 seconds without pressing any number button until the functions mode is cleared.

- Pressing MODE again also clears the functions mode.

BEFORE USE

*For safety....

- Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.
- Stop the car before performing any complicated operations.

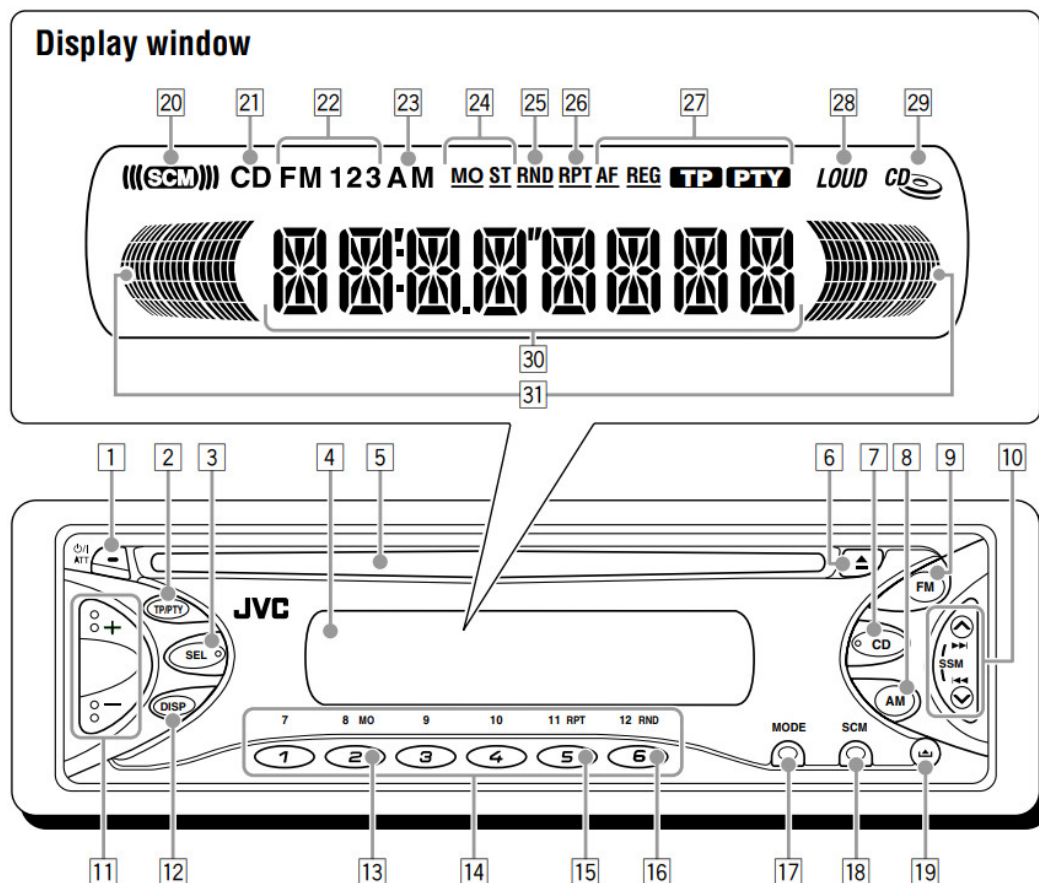
*Temperature inside the car....

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.



LOCATION OF THE BUTTONS

Control panel



1. (standby/on/attenuator) button
2. TP/PTY (traffic program/program type) button
3. SEL (select) button
4. Display window
5. Loading slot
6. (eject) button
7. CD button
8. AM button
9. FM button
10. buttons
• Also functions as SSM buttons when pressed together.
11. +/- buttons
12. DISP (display) button
13. MO (monaural) button
14. Number buttons
15. RPT (repeat) button
16. RND (random) button
17. MODE button

18. SCM (sound control memory) button

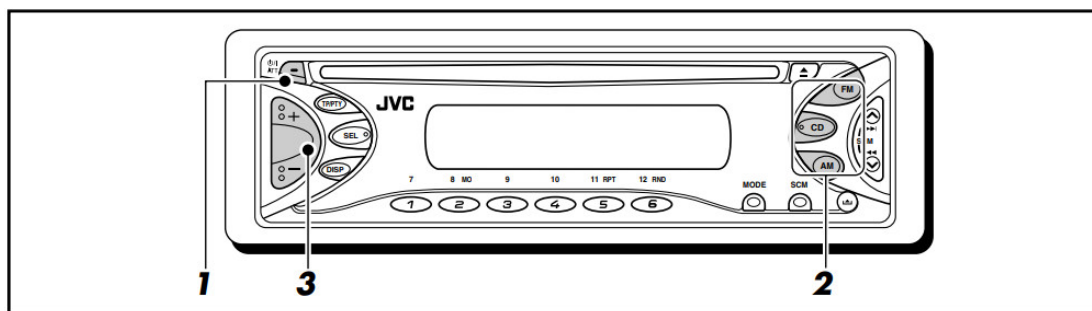
19. (control panel release) button

Display window

20. SCM (sound control memory) indicator
21. CD source indicator
22. FM band indicators (FM1, FM2, FM3)
23. AM band indicator
24. Tuner reception indicators MO (monaural), ST (stereo)
25. RND (random) indicator
26. RPT (repeat) indicator
27. RDS indicators AF, REG, TP, PTY
28. LOUD (loudness) indicator
29. CD-in indicator
30. Main display
31. Volume level indicator



BASIC OPERATIONS



Turning on the power

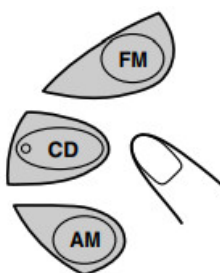
1. Turn on the power.



Note on One-Touch Operation:

When you select a source in step 2 below, the power automatically comes on. You do not have to press this button to turn on the power.

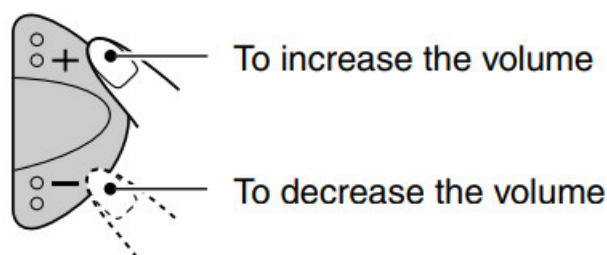
2. Select the source.



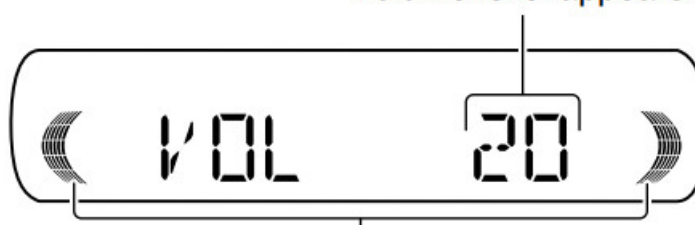
To operate the tuner (FM or AM), see pages 7 – 16.

To play a CD, see pages 17 – 19.

3. Adjust the volume.



Volume level appears.



Volume level indicator

4. Adjust the sound as you want. (See pages 20 and 21.)

To drop the volume in a moment

Press \odot /I/ATT briefly while listening to any source. "ATT" starts flashing on the display, and the volume level will drop in a moment.

To resume the previous volume level, press the button briefly again.

To turn off the power

Press and hold /ATT for more than one second.

“SEE YOU” appears, then the unit turns off.

- If you turn off the power while listening to a CD, CD play will start from where playback has been stopped previously, next time you turn on the power.

CAUTION on Volume Setting:

CDs produce very little noise compared with other sources. If the volume level is adjusted for the tuner, for example, the speakers may be damaged by the sudden increase in the output level.

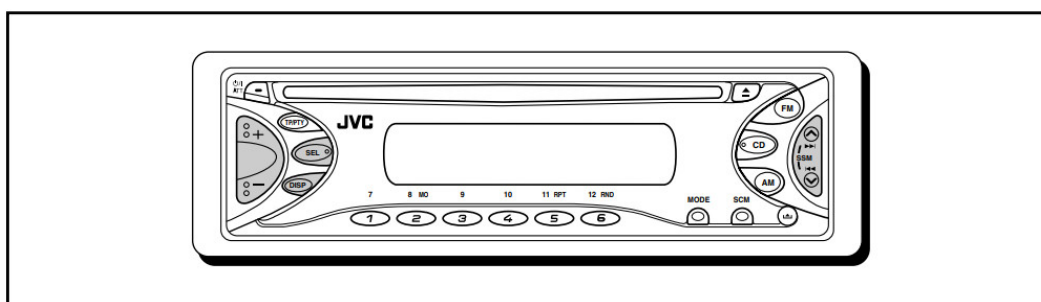
Therefore, lower the volume before playing a CD and adjust it as required during playback.

Only for KD-S73R and KD-S71R

This receiver is equipped with the steering wheel remote control function.

If your car is equipped with the steering wheel remote controller, you can operate this receiver using the controller.

- See the Installation/Connection Manual (separate volume) for connection to utilize this function.



Setting the clock

You can also set the clock system to either 24 hours or 12 hours.

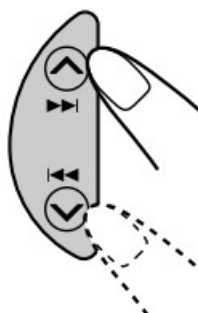
1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(PSM: see page 23.)



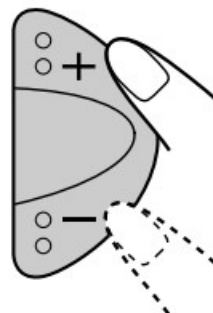
2. Set the hour.

1. Select “CLOCK H” (hour) if not shown on the display.
2. Adjust the hour.

1



2

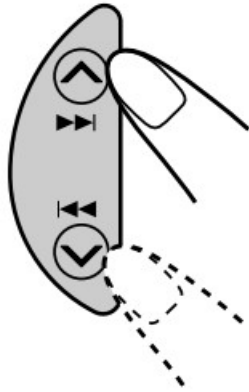


3. Set the minute.

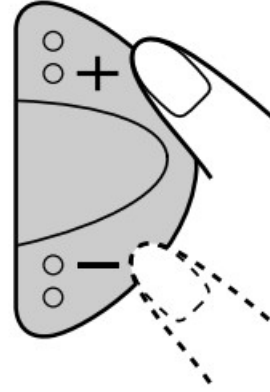
1. Select “CLOCK M” (minute).

2. Adjust the minute.

1



2

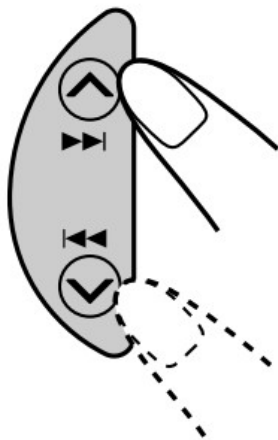


4. Set the clock system.

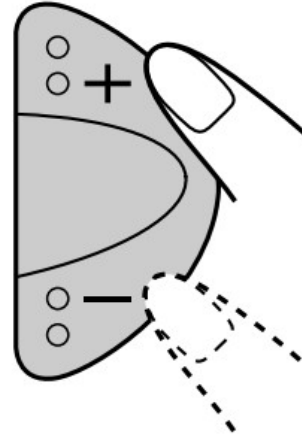
1. Select "24H/12H."

2. Select "24H" or "12H."

1



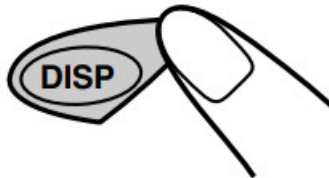
2



5. Finish the setting.



To check the current clock time or change the display mode



Press DISP (display) repeatedly.

Each time you press the button, the display mode changes as follows:

- During tuner operation:

Frequency ↔ Clock

Note:

For the indication change during RDS operation, see page 15.

- During CD operation:

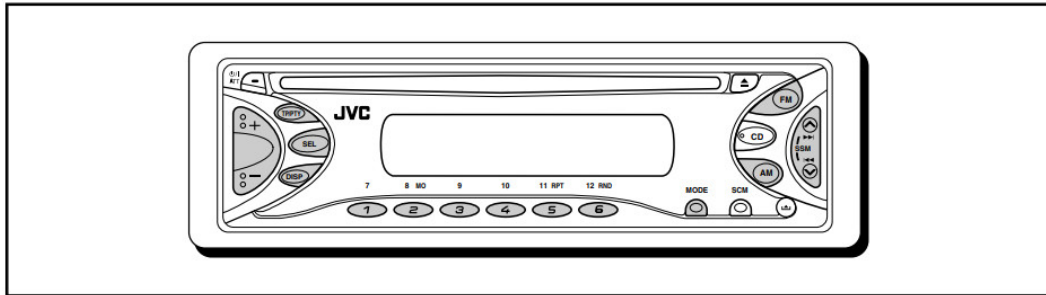
Elapsed playing time ↔ Clock

- During power off:

The power turns on and the clock time is shown for 5 seconds, then the power turns off.



RADIO OPERATIONS

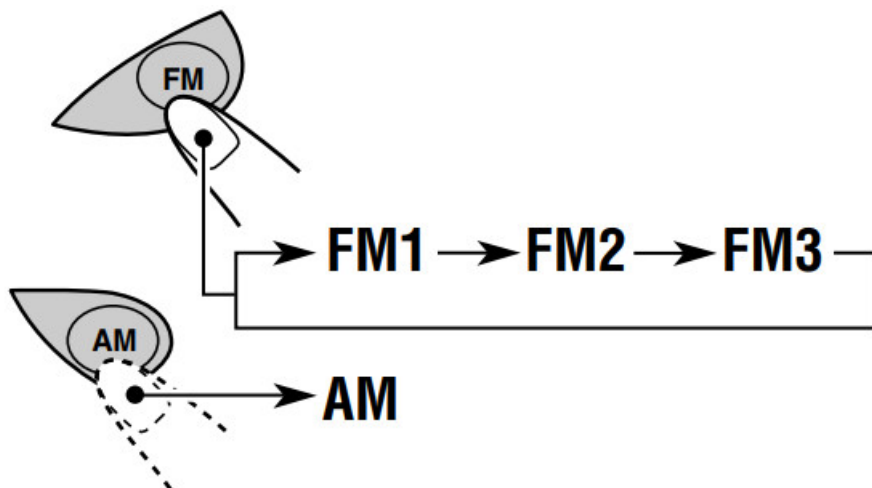


Listening to the radio

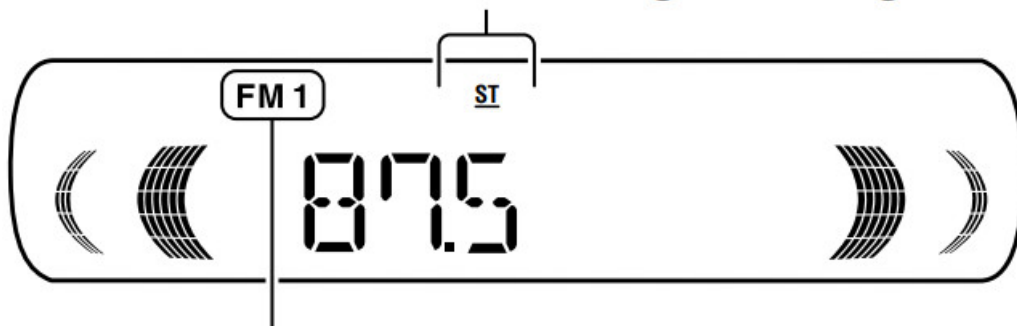
You can use either automatic searching or manual searching to tune in to a particular station.

Searching a station automatically: Auto search

1. Select the band (FM1 – 3, AM).



Lights up when receiving an FM stereo broadcast with sufficient signal strength.

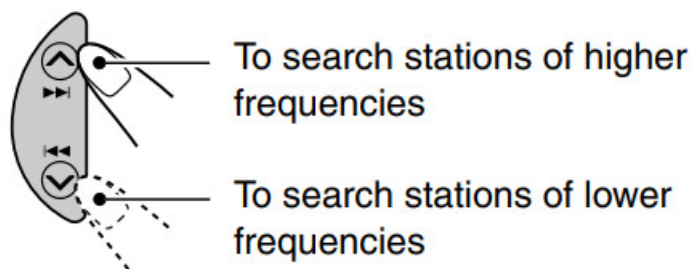


Selected band appears.

Note:

This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast.

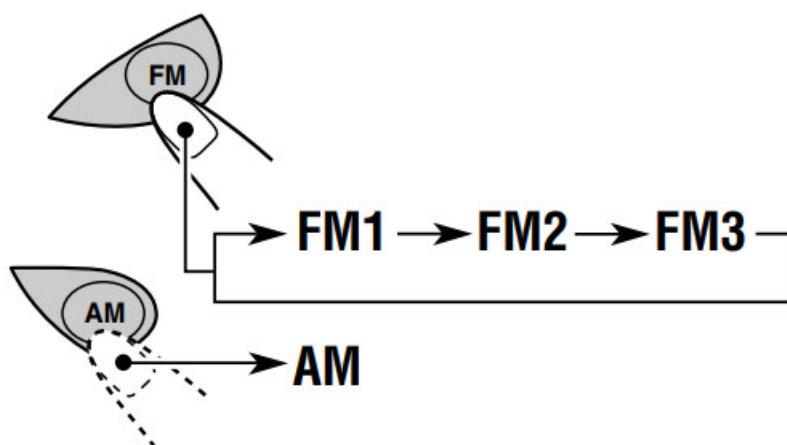
2. Start searching a station.



To stop searching before a station is received, press the same button you have pressed for searching.

Searching a station manually: Manual search

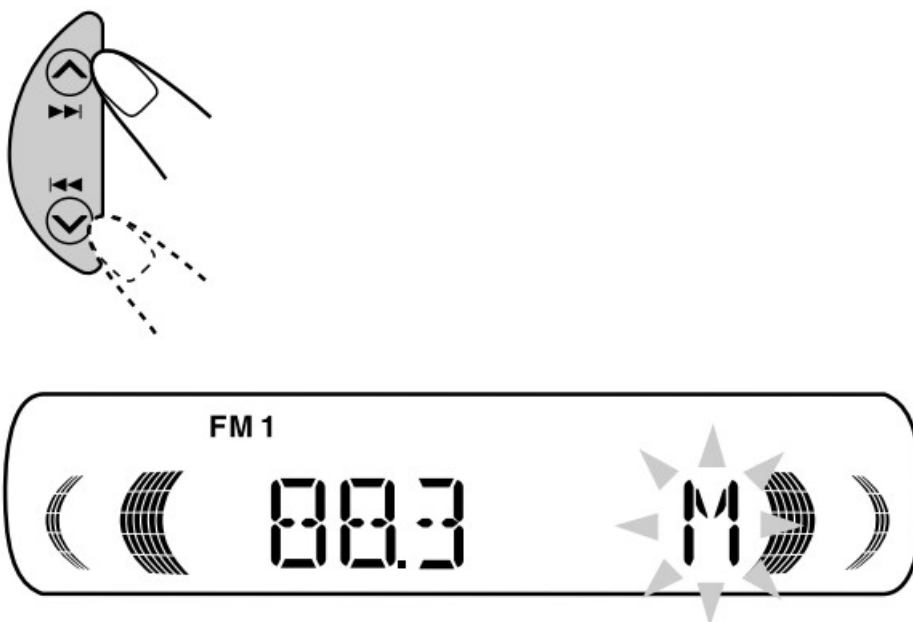
1. Select the band (FM1 – 3, AM).



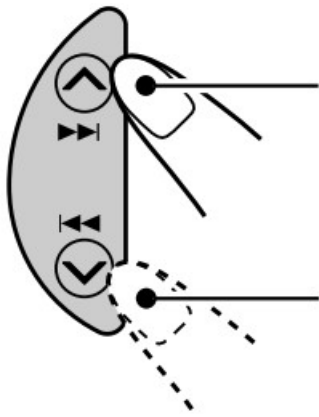
Note:

This receiver has three FM bands (FM1, FM2, FM3). You can use any one of them to listen to an FM broadcast

2. Press and hold **▲ ►► or ◀◀ ▼** until "M" (manual) starts flashing on the display.



3. Tune in to a station you want while "M" (manual) is flashing.



To tune in to stations of higher frequencies

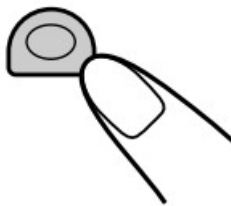
To tune in to stations of lower frequencies

- If you release your finger from the button, the manual mode will automatically turn off after 5 seconds.
- If you hold down the button, the frequency keeps changing (in 50 kHz intervals for FM and 9 kHz intervals for AM—MW/LW) until you release the button.

When an FM stereo broadcast is hard to receive:

1. Press MODE to enter the functions mode while listening to an FM stereo broadcast.

MODE

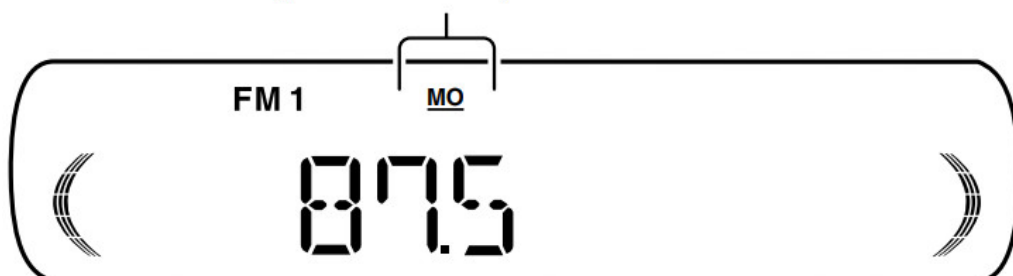


2. Press MO (monaural), while still in the functions mode, so that the MO indicator lights up on the display. Each time you press the button, the MO indicator lights up and goes off alternately.

8 MO



MO (monaural) indicator



When the MO indicator is lit on the display, the sound you hear becomes monaural but the reception will be improved.

Storing stations in memory

You can use one of the following two methods to store broadcasting stations in memory.

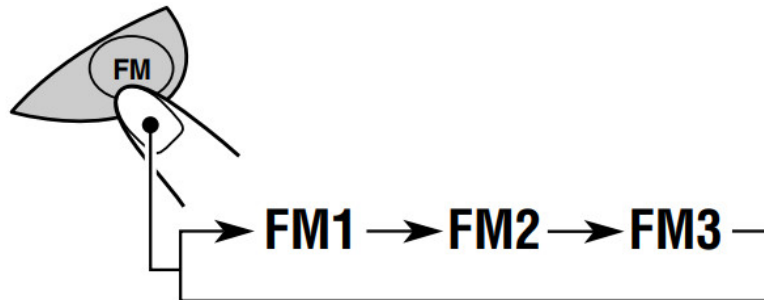
- Automatic preset of FM stations: SSM (Strongstation Sequential Memory)

- Manual preset of both FM and AM stations

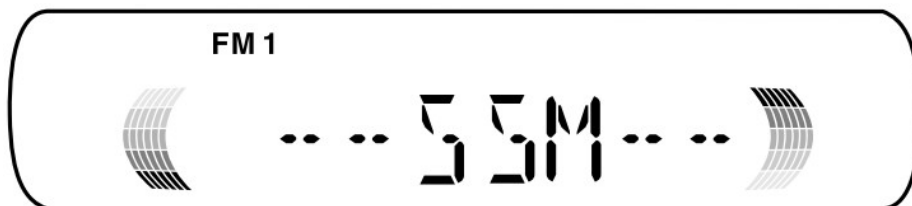
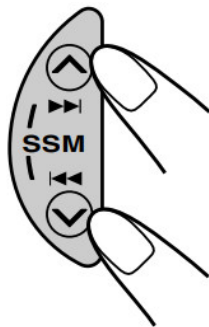
FM station automatic preset: SSM

You can preset 6 local FM stations in each FM band (FM1, FM2, and FM3).

1. Select the FM band (FM1 – 3) you want to store FM stations into.



2. Press and hold both buttons for more than 2 seconds.



“- SSM -” appears, then disappears when automatic preset is over.

Local FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2, or FM3).

These stations are preset in the number buttons—No.1 (lowest frequency) to No.6 (highest frequency).

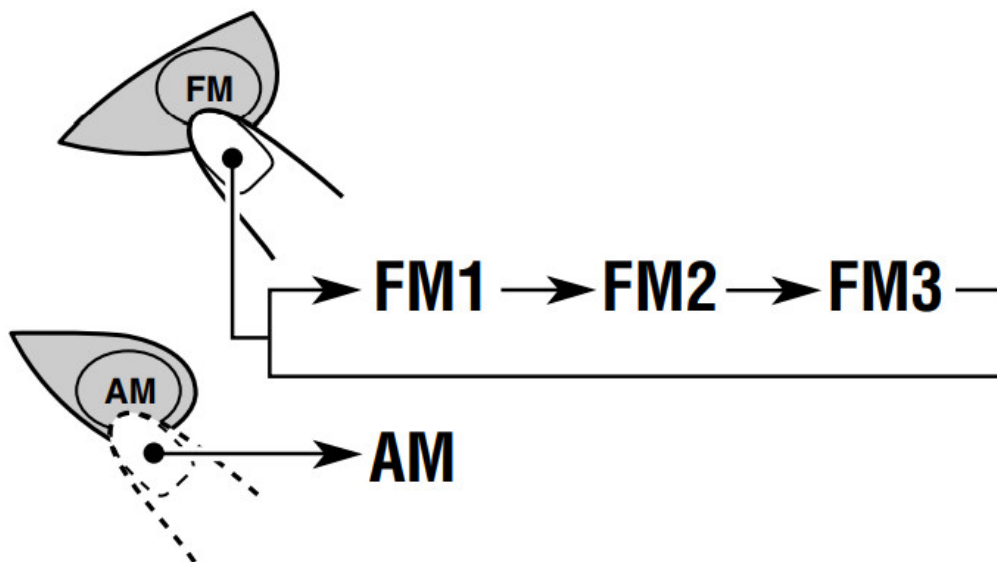
When automatic preset is over, the station stored in number button 1 will be automatically tuned in.

Manual preset

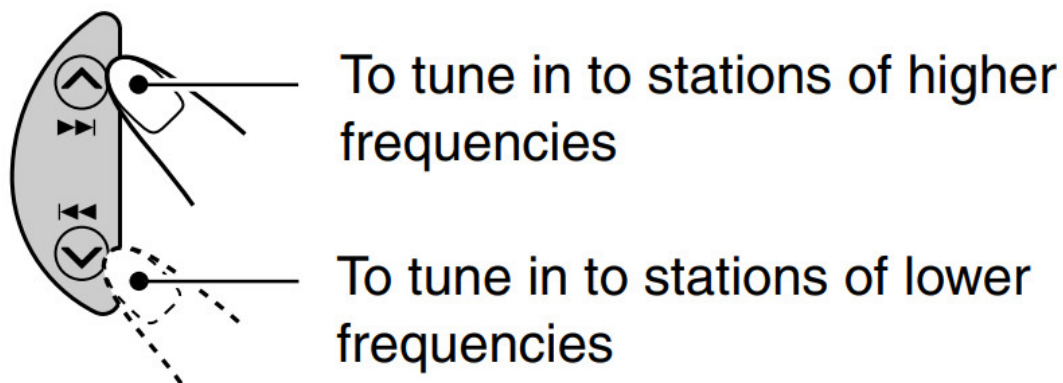
You can preset up to 6 stations in each band (FM1, FM2, FM3, and AM) manually.

Ex.: Storing FM station of 88.3 MHz into the preset number 1 of the FM1 band.

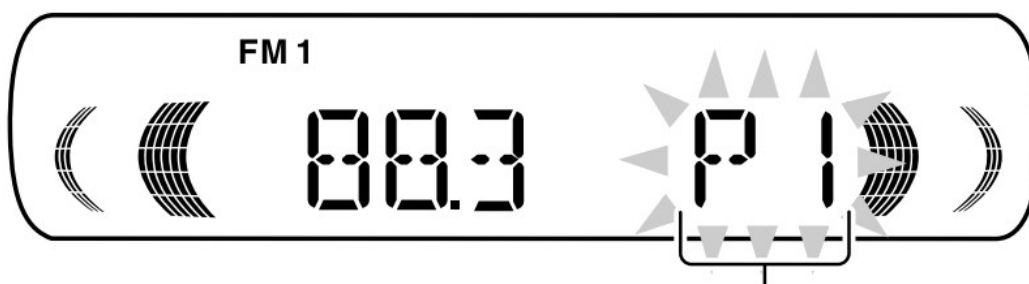
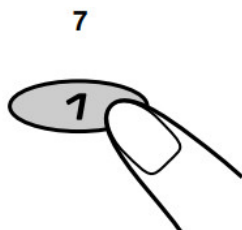
1. Select the band (FM1 – 3, AM) you want to store stations into (in this example, FM1).



2. Tune in to a station (in this example of 88.3 MHz).



3. Press and hold the number button (in this example, 1) for more than 2 seconds.



“P1” flashes for a few seconds.

4. Repeat the above procedure to store other stations into other preset numbers.

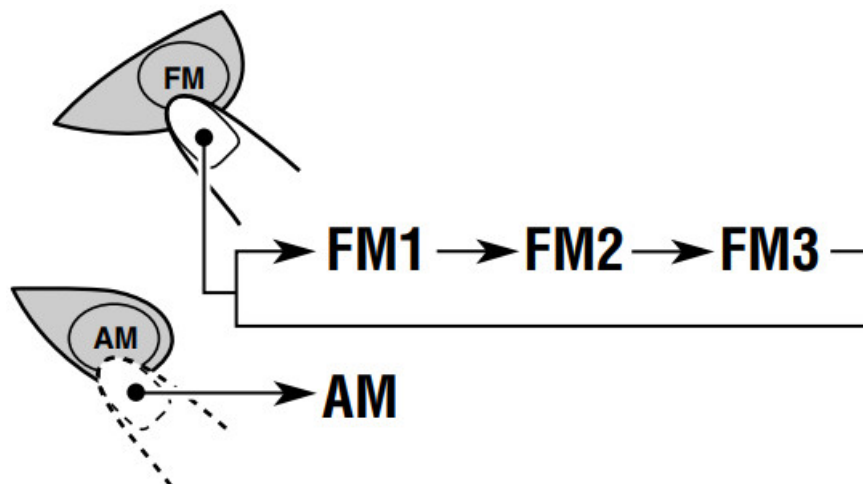
Notes:

- A previously preset station is erased when a new station is stored in the same preset number.
- Preset stations are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the stations again.

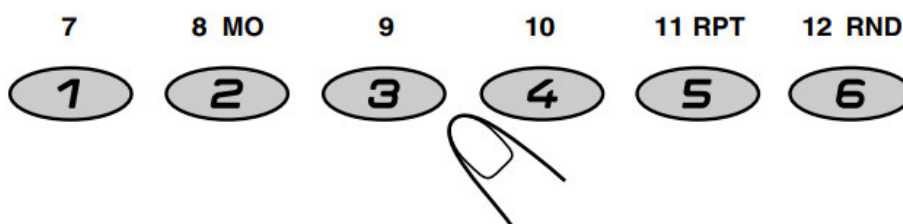
Tuning in to a preset station

You can easily tune in to a preset station. Remember that you must store stations first. If you have not stored them yet, see “Storing stations in memory” on pages 8 and 9.

1. Select the band (FM1 – 3, AM).



2. Select the number (1 – 6) for the preset station you want.



RDS OPERATIONS

What you can do with RDS

RDS (Radio Data System) allows FM stations to send an additional signal along with their regular programme signals. For example, the stations send their station names, as well as information about what type of programme they broadcast, such as sports or music, etc. Another advantage of RDS function is called “Enhanced Other Networks.” By using the Enhanced Other Networks data sent from a station, you can tune in to a different station of a different network broadcasting your favorite programme or traffic announcement while listening to another programme or to another source such as CD.

By receiving the RDS data, this unit can do the following:

- Tracing the same programme automatically (Network-Tracking Reception)
- Standby Reception of TA (Traffic Announcement) or your favorite programme
- PTY (Programme Type) search
- Programme search
- And some other functions

Tracing the same programme automatically (Network-Tracking Reception)

When driving in an area where FM reception is not good, the tuner built in this unit automatically tunes in to another RDS station, broadcasting the same programme with stronger signals. So, you can continue to listen to the same programme in its finest reception, no matter where you drive. (See the illustration on page 16.)

Two types of the RDS data are used to make Network-Tracking Reception work correctly—PI (Programme Identification) and AF (Alternative Frequency).

Without receiving these data correctly from the RDS station you are listening to, NetworkTracking Reception will not operate.

To use Network-Tracking Reception

You can select the different modes of networktracking reception to continue listening to the same programme in its finest reception.

When shipped from the factory, “AF” is selected.

- AF: Network-Tracking Reception is activated with Regionalization set to “off.”

With this setting, the unit switches to another station within the same network when the receiving signals from the current station become weak. (In this mode, the programme may differ from the one currently received.)

The AF indicator lights up but the REG indicator does not.

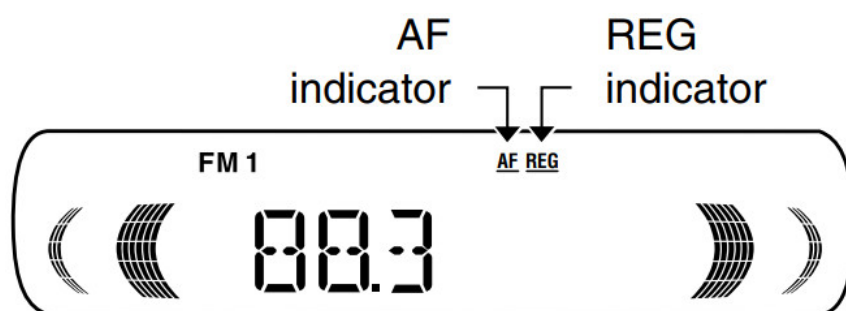
- AF REG: Network-Tracking Reception is activated with Regionalization set to “on.”

With this setting, the unit switches to another station, within the same network, broadcasting the same programme when the receiving signals from the current station become weak.

Both the AF indicator and the REG indicators light up.

- OFF: Network-Tracking Reception is deactivated.

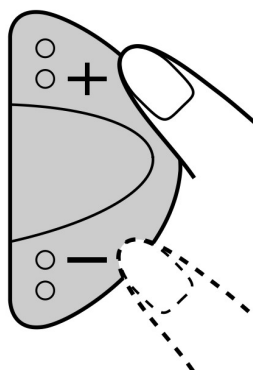
Neither the AF indicator nor the REG indicator lights up.



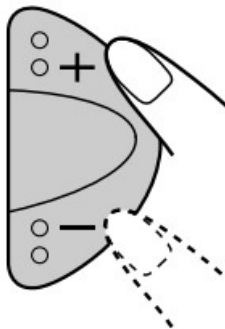
1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(PSM: see page 23.)



2. Select “AF-REG” (alternative frequency/regionalization reception) if not shown on the display.



3. Select the desired mode—"AF," "AF REG," or "OFF."



4. Finish the setting.

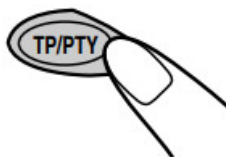


Using TA Standby Reception

TA Standby Reception allows the unit to switch temporarily to Traffic Announcement (TA) from the current source (another FM station or CD).

- TA Standby Reception will not work if you are listening to an AM station.

Press TP/PTY to activate TA Standby Reception.



When the current source is FM, the TP indicator either lights up or flashes.

- If the TP indicator lights up, TA Standby Reception is activated.
If a station starts broadcasting a traffic announcement, "TRAFFIC" appears on the display, and this unit automatically tunes in to the station. The volume changes to the preset TA volume level (see page 15) and the traffic announcement can be heard.
- If the TP indicator flashes, TA Standby Reception is not yet activated since the station being received does not provide the signals used for TA Standby Reception. To activate TA Standby Reception, you need to tune in to another station providing these signals.

Press **▲** **▶▶** or **◀◀** **▼** to search for such a station.

When a station providing these signals is tuned in, the TP indicator stops flashing and remains lit. Now TA Standby Reception is activated.

When the current source is other than FM,
the TP indicator lights up.

If a station starts broadcasting a traffic announcement, "TRAFFIC" appears on the display, and this unit automatically changes the source and tunes in to the station.

To deactivate the TA Standby Reception, press TP/PTY again.

Using PTY Standby Reception

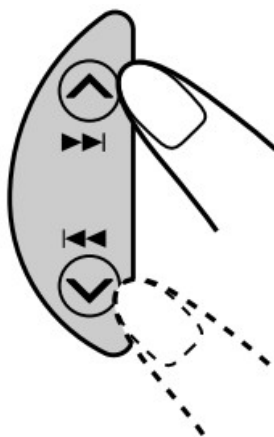
PTY Standby Reception allows the unit to switch temporarily to your favorite programme (PTY: Programme Type) from the current source (another FM station or CD).

- PTY Standby Reception will not work if you are listening to an AM station.
You can select your favorite programme type for PTY Standby Reception.
When shipped from the factory, PTY Standby Reception is turned off. (“OFF” is selected for PTY Standby Reception.)

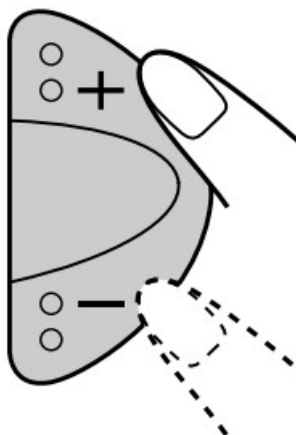
1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(PSM: see page 23.)



2. Select “PTY STBY” (standby) if not shown on the display.



3. Select one of the twenty-nine PTY codes. (See page 16.)
Selected code name appears on the display and is stored into memory.



4. Finish the setting.



Searching your favorite programme

You can search any one of the PTY codes. In addition, you can store your 6 favorite programme types in the

number buttons.

When shipped from the factory, the following 6 programme types have been stored in the number buttons (1 to 6).

To store your favorite programme types, see below.

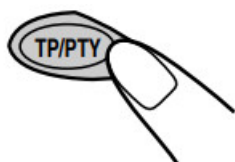
To search your favorite programme type, see page 14.

1	2	3
POP M	ROCK M	EASY M

4	5	6
CLASSICS	AFFAIRS	VARIED

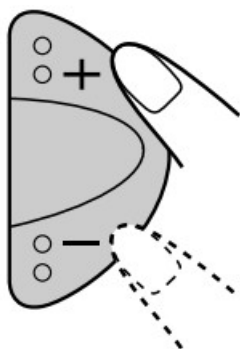
To store your favorite programme types

1. Press and hold TP/PTY for more than 2 seconds while listening to an FM station.



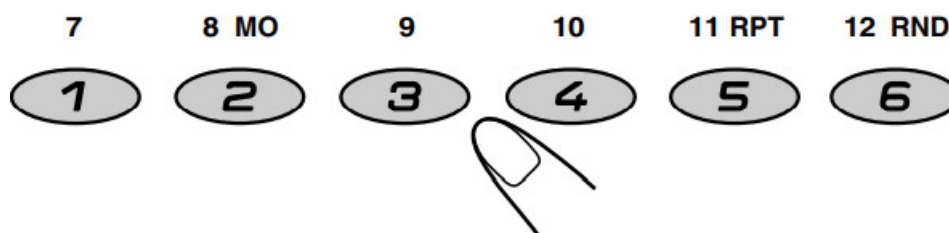
The last selected PTY code appears.

2. Select one of the twenty-nine PTY codes. (See page 16.)



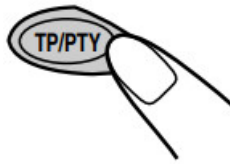
Selected code name appears on the display.

3. Press and hold the number button for more than 2 seconds to store the PTY code selected into the preset number you want.



"MEMORY" and the selected code name alternate on the display.

4. Press and hold TP/PTY for more than 2 seconds to exit from this mode.



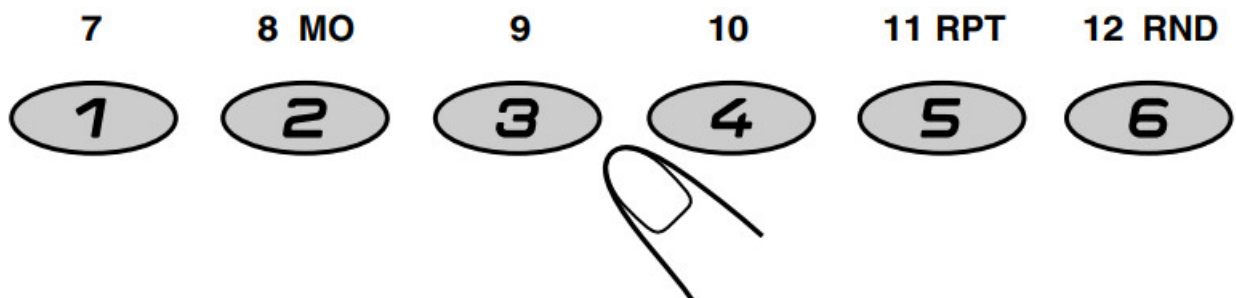
To search your favorite programme type

1. Press and hold TP/PTY for more than 2 seconds while listening to an FM station.

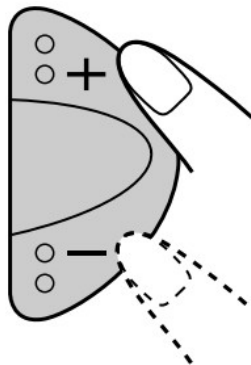


The last selected PTY code appears.

2. To select one of your favorite programme type

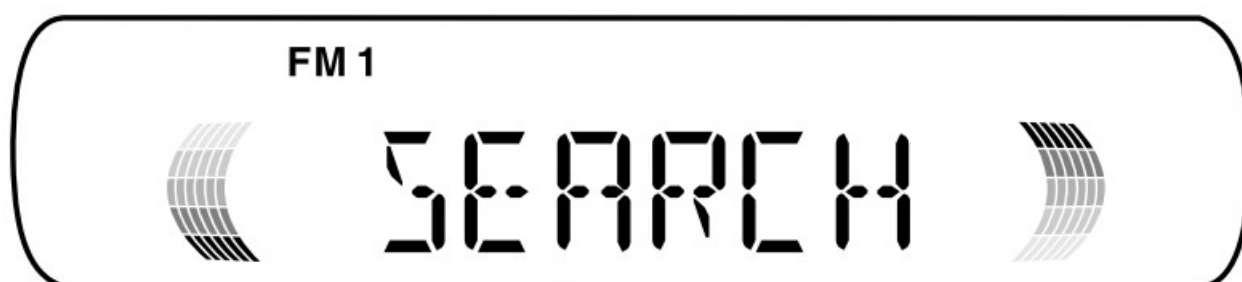
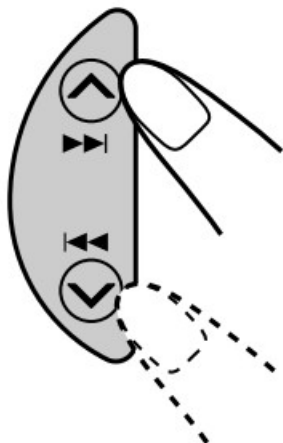


or To select any one of the twenty-nine PTY-codes



Ex.: When "ROCK M" is selected

3 Press   or   to start PTY search for your favorite programme.



- If there is a station broadcasting a programme of the same PTY code as you selected, that station is tuned in.
- If there is no station broadcasting a programme of the same PTY code as you selected, the station will not change.

Note:

In some areas, the PTY search will not work correctly.

Other convenient RDS functions and adjustments





Automatic selection of the station when using the number buttons

Usually when you press the number button, the preset station is tuned in.

However, when the preset station is an RDS station, something different will happen. If the signals from that preset station are not sufficient for good reception, this unit, using the AF data, tunes in to another frequency broadcasting the same programme as the original preset station is broadcasting. (Programme search)

- The unit takes some time to tune in to another station using Programme search.

To activate Programme search, follow the procedure below.

1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(See page 23.)
2. Press   or   to select "P(Programme)-SEARCH."
3. Press + to select "ON." Now Programme search is activated.
4. Press SEL (select) to finish the setting.

To cancel Programme search, repeat the same procedure and select "OFF" in step 3 by pressing –.

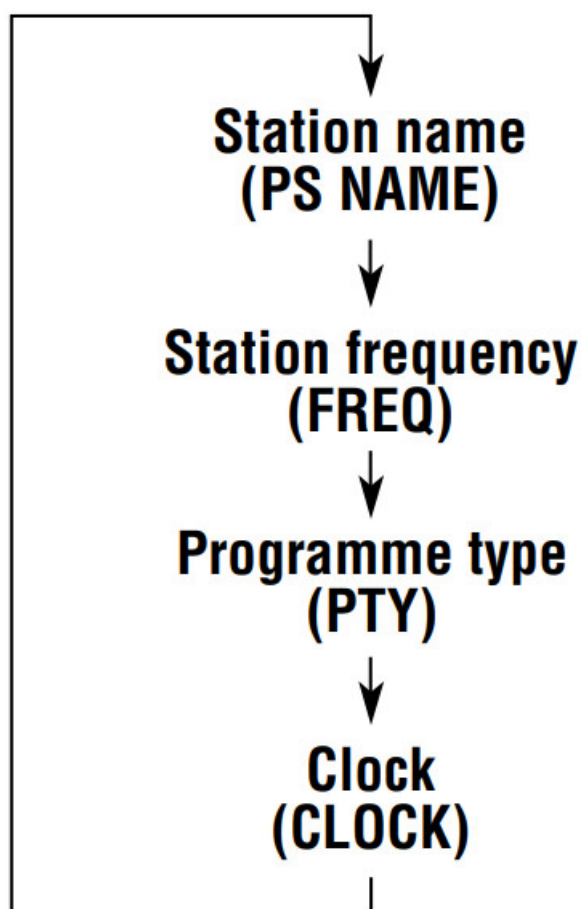
Changing the display mode while listening to an FM station

You can change the initial indication on the display to station name (PS NAME), station frequency (FREQ), or clock time (CLOCK) while listening to an FM RDS station.

1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(See page 23.)
2. Press **▲** **▶▶** or **◀◀** **▼** to select "DISPMODE" (display mode).
3. Press + or – to set to the desired indication ("PS NAME," "FREQ," or "CLOCK").
4. Press SEL (select) to finish the setting.

Note:

By pressing DISP (display), you can change the display while listening to an FM RDS station. Each time you press the button, the following information appears on the display:



- Then, the display goes back to the original indication in several seconds.





Setting the TA volume level

You can preset the volume level for TA Standby Reception. When a traffic programme is received, the volume level automatically changes to the preset level.

1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(See page 23.)
2. Press **▲** **▶▶** or **◀◀** **▼** to select "TA VOL" (volume).
3. Press + or – to set to the desired volume. You can set it from "VOL 00" to "VOL 50."
4. Press SEL (select) to finish the setting.

Automatic clock adjustment

When shipped from the factory, the clock built in this unit is set to be readjusted automatically using the CT (Clock Time) data in the RDS signal. If you do not want to use automatic clock adjustment, follow the procedure below.

1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(See page 23.)
2. Press   or   to select "AUTO ADJ" (adjustment).
3. Press – to select "OFF." Now automatic clock adjustment is canceled.
4. Press SEL (select) to finish the setting.

To reactivate clock adjustment, repeat the same procedure and select "ON" in step 3 by pressing +.

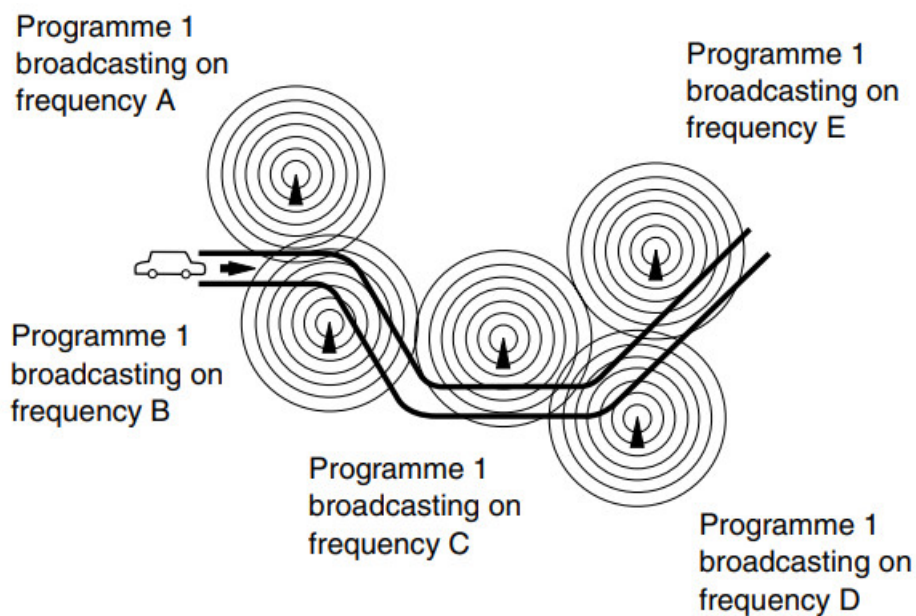
Note:

You must stay tuned to the same station for more than 2 minutes after setting "AUTO ADJ" to "ON." Otherwise, the clock time will not be adjusted. (This is because the unit takes up to 2 minutes to capture the CT data in the RDS signal.)

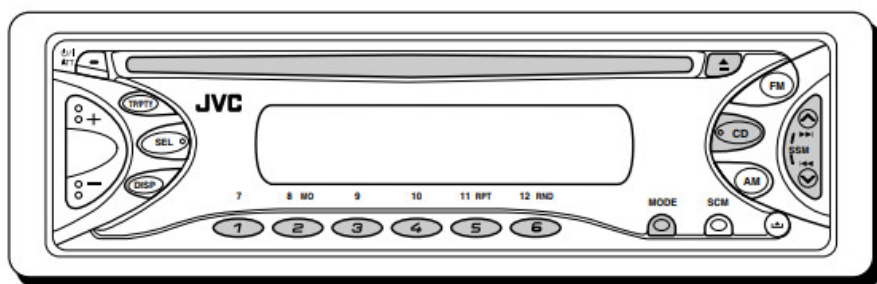
PTY codes

NEWS:	News
AFFAIRS:	Topical programmes expanding on current news or affairs
INFO:	Programmes which impart advice on a wide variety of topics
SPORT:	Sport events
EDUCATE:	Educational programmes
DRAMA:	Radio plays
CULTURE:	Programmes on national or regional culture
SCIENCE:	Programmes on natural science and technology
VARIED:	Other programmes like comedies or ceremonies
POP M:	Pop music
ROCK M:	Rock music
EASY M:	Easy-listening music
LIGHT M:	Light music
CLASSICS:	Classical music
OTHER M:	Other music
WEATHER:	Weather information
FINANCE:	Reports on commerce, trading, the Stock Market, etc.
CHILDREN:	Entertainment programmes for children
SOCIAL:	Programmes on social activities
RELIGION:	Programmes dealing with any aspect of belief or faith, or the nature of existence or ethics
PHONE IN:	Programmes where people can express their views either by phone or in a public forum
TRAVEL:	Programmes about travel destinations, package tours, and travel ideas and opportunities
LEISURE:	Programmes concerned with recreational activities such as gardening, cooking, fishing, etc .
JAZZ:	Jazz music
COUNTRY:	Country music
NATION M:	Current popular music from another nation or region, in that country's language
OLDIES:	Classic pop music
FOLK M:	Folk music
DOCUMENT:	Programmes dealing with factual matters, presented in an investigative style

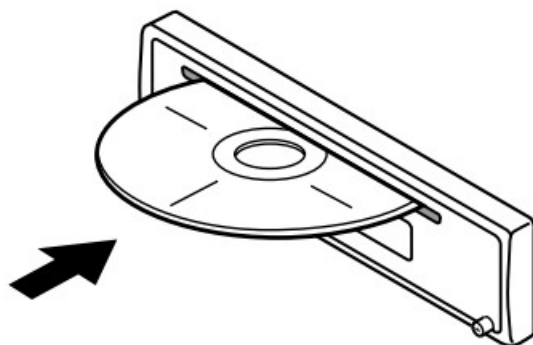
The same programme can be received on different frequencies.



CD OPERATIONS



Playing a CD
Insert a CD into the loading slot.

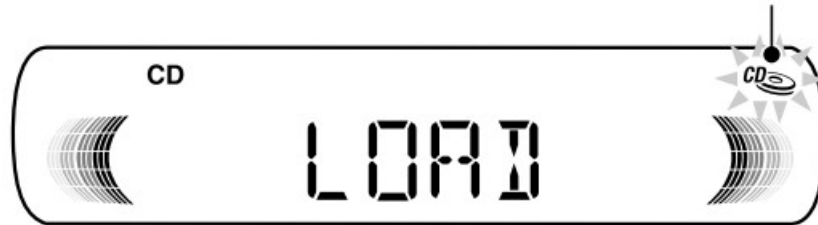


The unit turns on, draws the CD and starts playback automatically.

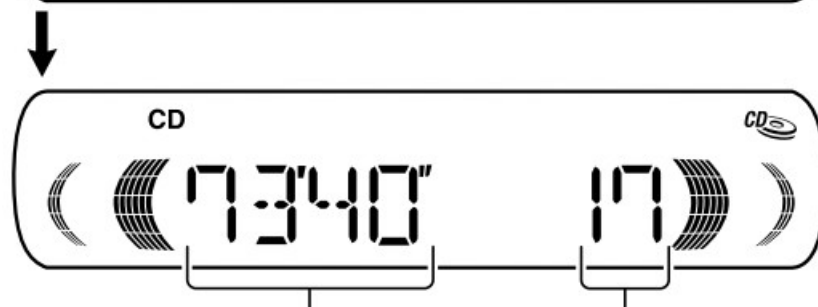
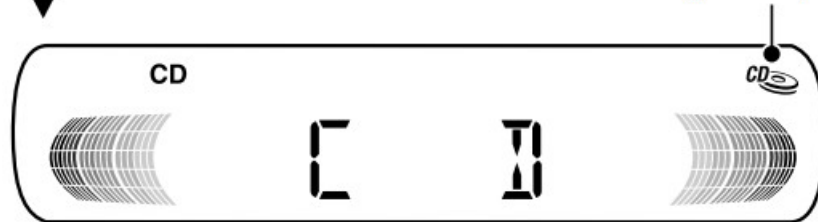
Note on One-Touch Operation:

When a CD is already in the loading slot, pressing CD turns on the unit and starts playback automatically. The CD-in indicator flashes.

The CD-in indicator flashes.



The CD-in indicator lights up.



↓ Total playing time of the inserted disc Total track number of the inserted disc



Elapsed playing time Current track

All tracks will be played repeatedly until you stop playback.

Note:

When a CD is inserted upside down, "EJECT" appears on the display and the CD automatically ejects.

To stop play and eject the CD

Press .

CD play stops and the CD automatically ejects from the loading slot. The source changes to the tuner (you will hear the last received station).

- If you change the source, CD play also stops (without ejecting the CD).
Next time you select "CD" as the source, CD play starts from where playback has been stopped previously.

Notes:

- If the ejected CD is not removed for about 15 seconds, the CD is automatically inserted again into the loading slot to protect it from dust. (CD play will not start this time.)
- You can eject the CD even when the unit is turned off.

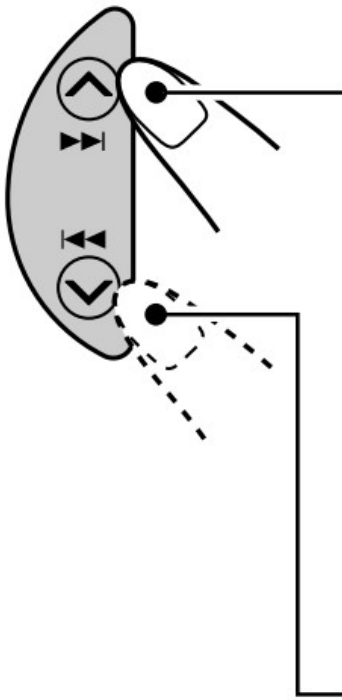
About mistracking:

Mistracking may result from driving on extremely rough roads. This does not damage the unit and the CD, but will be annoying.

We recommend that you stop CD play while driving on such rough roads.

Locating a track or a particular portion on a CD

To fast-forward or reverse the track



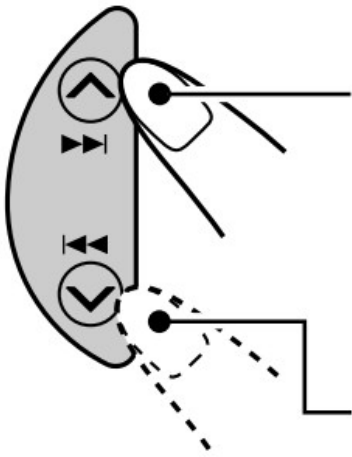
Press **⏭** briefly, while playing a CD, to go ahead to the beginning of the next track.


Each time you press the button consecutively, the beginning of the next tracks is located and played back.


Press **⏮** briefly, while playing a CD, to go back to the beginning of the current track.

Each time you press the button consecutively, the beginning of the previous tracks is located and played back.

To go to the next or previous tracks

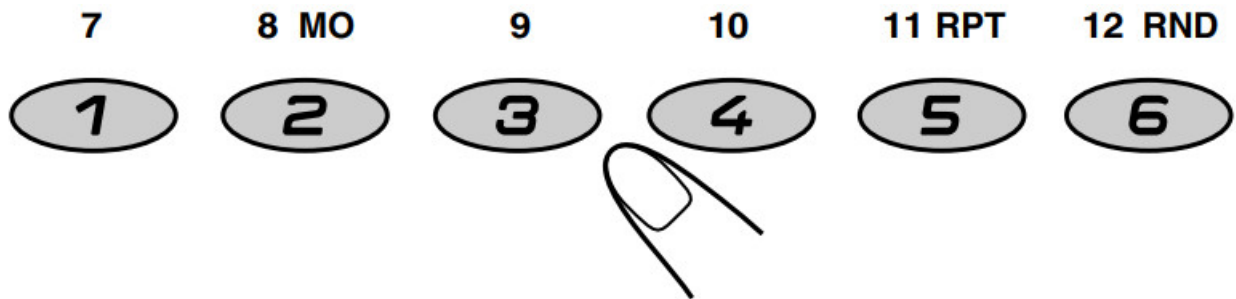


Press and hold , while playing a CD, to fast-forward the track.

Press and hold , while playing a CD, to reverse the track.

To go to a particular track directly

Press the number button corresponding to the track number to start its playback.



- To select a track number from 1 – 6: Press 1 (7) – 6 (12) briefly.
- To select a track number from 7 – 12: Press and hold 1 (7) – 6 (12) for more than one second.

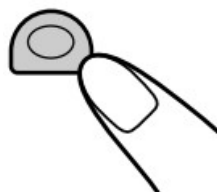
Selecting CD playback modes

To play back tracks at random (Random Play)

You can play back all tracks on the CD at random.

1.

MODE



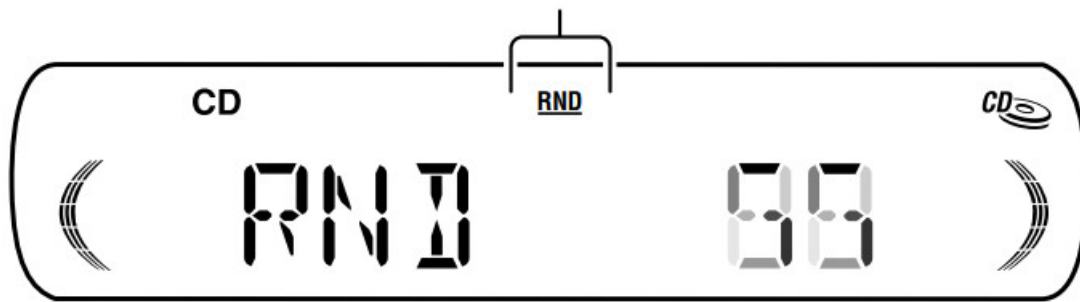
Press MODE to enter the functions mode while playing a CD.

12 RND



2. Press RND (random), while still in the functions mode, so that the RND indicator lights up on the display. Each time you press the button, CD random play mode turns on and off alternately.

RND indicator



When random play is turned on, the RND indicator lights up on the display. A track randomly selected starts playing.

To play back tracks repeatedly (Repeat Play)

You can play back the current track repeatedly.

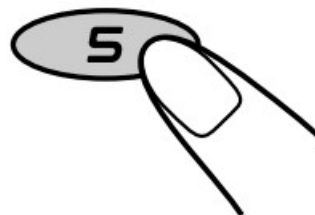
1.

MODE



Press MODE to enter the functions mode while playing a CD.

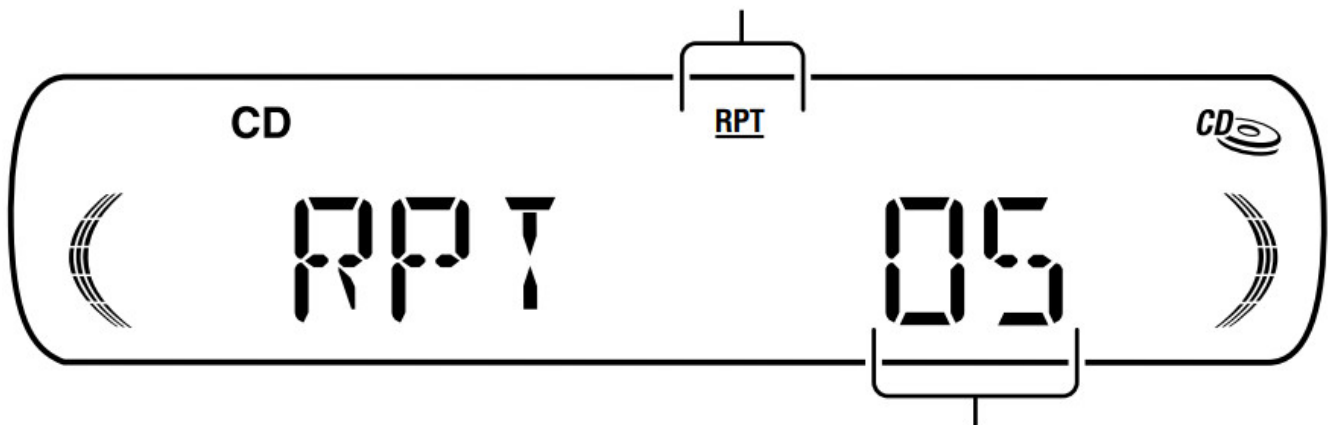
11 RPT



2. Press RPT (repeat), while still in the functions mode, so that the RPT indicator lights up on the display.

Each time you press the button, CD repeat play mode turns on and off alternately.

RPT indicator



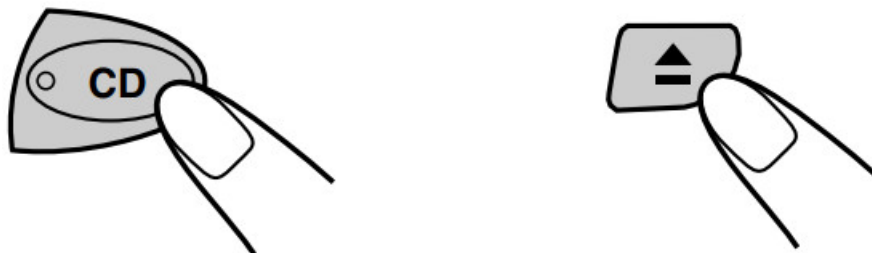
Track number of the
currently playing track

When repeat play is turned on, the RPT indicator lights up on the display. The current track starts playing repeatedly.

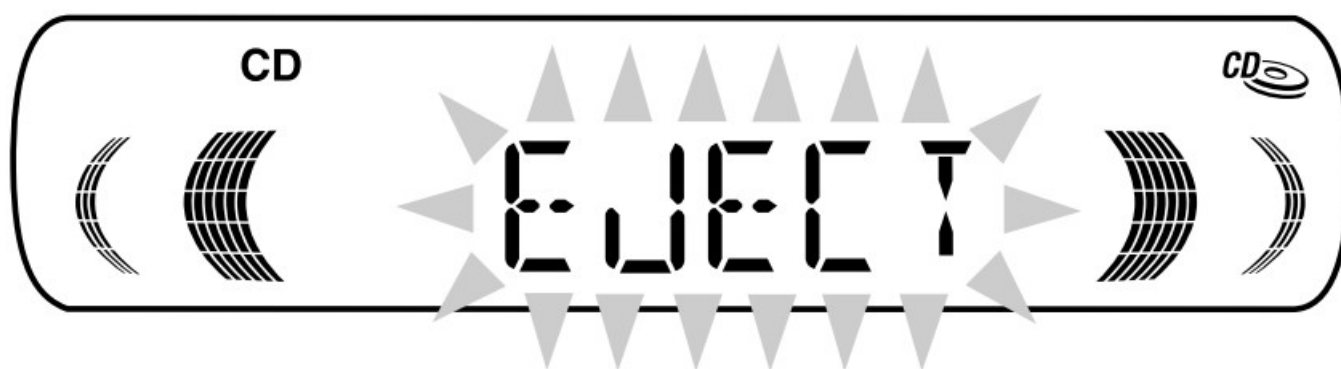
Prohibiting CD ejection

You can prohibit CD ejection and can lock a CD in the loading slot.

While pressing CD, press and hold ▲ for more than 2 seconds.

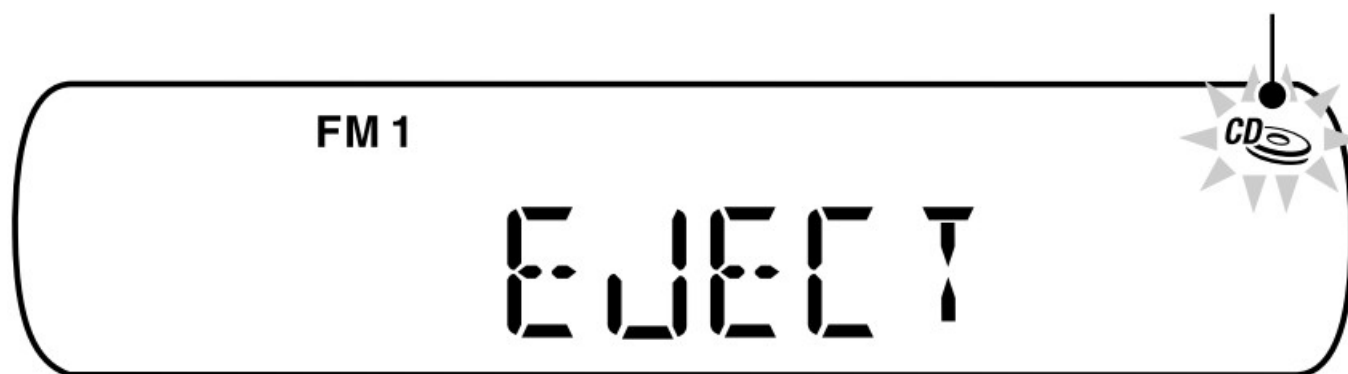


“EJECT” flashes on the display for about 5 seconds, and the CD is locked and cannot be ejected.



To cancel the prohibition and unlock the CD, press 0 again for more than 2 seconds, while pressing CD. “EJECT” appears on the display, and the CD ejects from the loading slot.

The CD-in indicator flashes.



SOUND ADJUSTMENTS

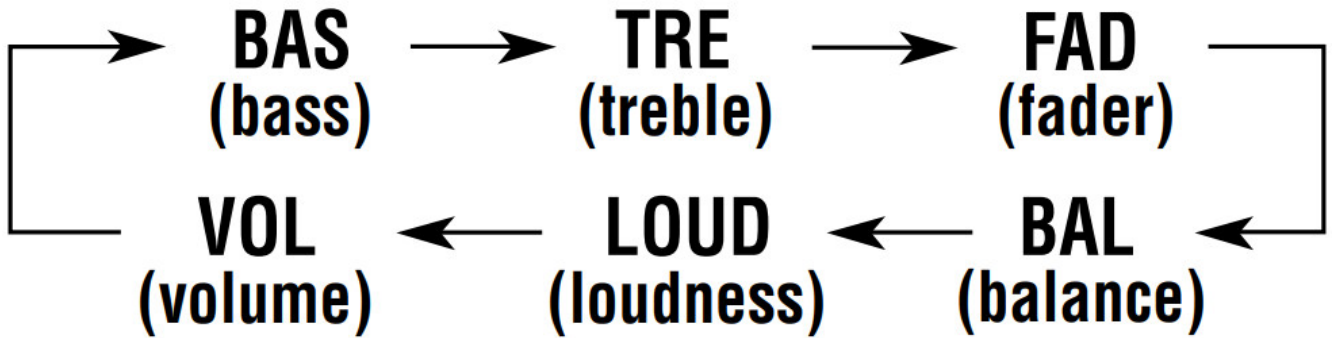
Adjusting the sound

You can adjust the sound characteristics to your preference.

1. Select the item you want to adjust.



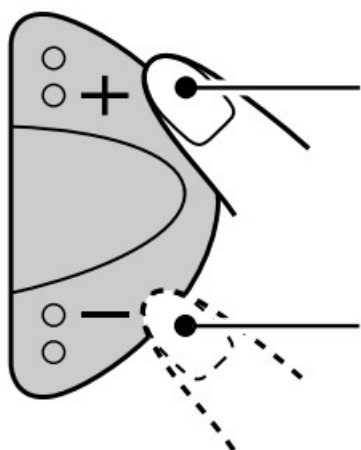
Each time you press the button, the adjustable items change as follows:



Indication	To do:	Range
BAS	Adjust the bass.	–06 (min.) +06 (max.)
TRE	Adjust the treble.	–06 (min.) +06 (max.)
FAD*	Adjust the front and rear speaker balance.	R06 (Rear only) F06 (Front only)
BAL	Adjust the left and right speaker balance.	L06 (Left only) R06 (Right only)
LOUD	Boost low and high frequencies to produce a well- balanced sound at low volume level.	LOUD ON LOUD OFF
VOL	Adjust the volume.	00 (min.) 50 (max.)

* If you are using a two-speaker system, set the fader level to “00.”

2. Adjust the setting.



To increase the level or turn on the loudness

To decrease the level or turn off the loudness



Ex.: When you adjust “TRE” (treble)

Note:

Normally, the + and – buttons work as the volume control buttons. So you do not have to select “VOL” to adjust the volume level.

Selecting preset sound modes

You can select a preset sound adjustment suitable to the music genre.

Select the sound mode you want.

SCM



Each time you press the button, the sound mode changes as follows:



Ex.: When you select “BEAT”

Indication	For:	Preset values		
		BAS	TRE	LOUD
SCM OFF	(Flat sound)	00	00	OFF
BEAT	Rock or disco music	+02	00	ON
SOFT	Quiet background music	+01	−03	OFF
POP	Light music	+04	+01	OFF

Notes:

- You can adjust each sound mode to your preference, and store it in memory.
If you want to adjust and store your original sound mode, see “Storing your own sound adjustments” below.
- To adjust the bass and treble reinforcement levels or to turn on/off the loudness function, see page 20.

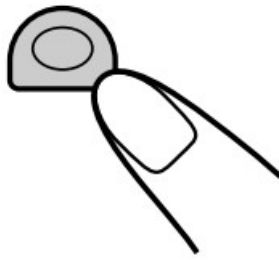
Storing your own sound adjustments

You can adjust the sound modes (BEAT, SOFT, POP) to your preference and store your own adjustments in memory.

- There is a time limit in doing the following procedure. If the setting is canceled before you finish, start from step 1 again.

1. Call up the sound mode you want to adjust.

SCM

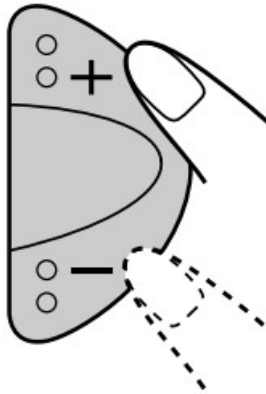


• See page 20 for details.

2. Select “BAS” (bass), “TRE” (treble), or “LOUD” (loudness).



3. Adjust the bass or treble, or turn the loudness function on/off (LOUD ON/ LOUD OFF).



4. Repeat steps 2 and 3 to adjust the other items.

5. Press and hold SCM until the sound mode you have selected in step 1 flashes on the display.

SCM



Your adjustment made for the selected sound mode is stored in memory.

6. Repeat the same procedure to store other sound modes.

To reset each sound mode to the factory settings, repeat the same procedure and reassign the preset values listed in the table on the left column.



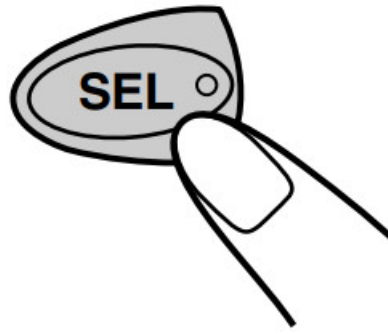
OTHER MAIN FUNCTIONS

Selecting the level display

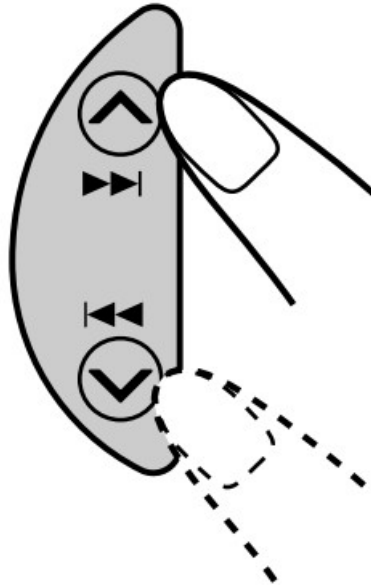
You can select the level display according to your preference.

When shipped from the factory, “VOL 2” is selected.

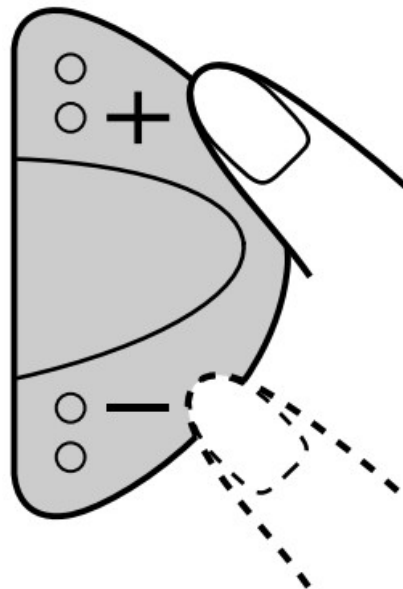
1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(See page 23.)



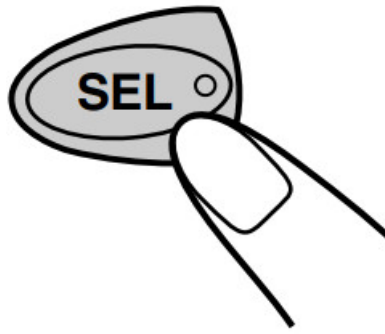
2. Select "LEVEL."



3. Select the desired mode—"VOL 1," "VOL 2," or "OFF."



- VOL 1: Shows the volume level indicator.
 - VOL 2: Alternates "VOL 1" setting and illumination display.
 - OFF: Erases the volume level indicator.
4. Finish the setting.



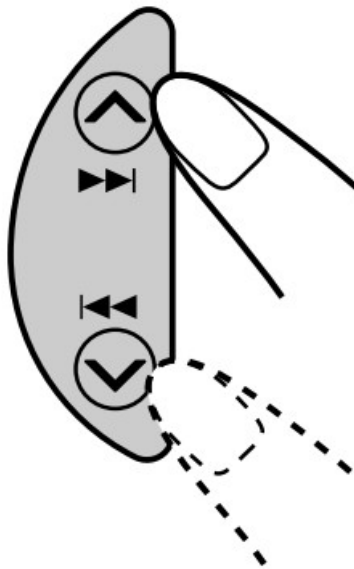
Selecting the telephone muting

This mode is used when a cellular phone system is connected. Depending on the phone system used, select either "MUTING 1" or "MUTING 2," whichever mutes the sounds from this unit. When shipped from the factory, this mode is deactivated.

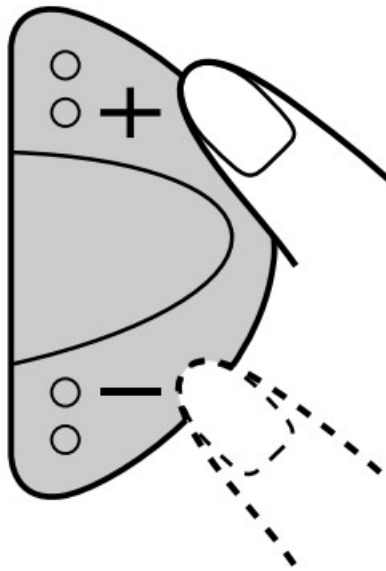
1. Press and hold SEL (select) for more than 2 seconds so that one of the PSM items appears on the display.
(See page 23.)



2. Select "TEL" (telephone muting).



3. Select the desired mode—"MUTING 1," "MUTING 2," or "OFF."

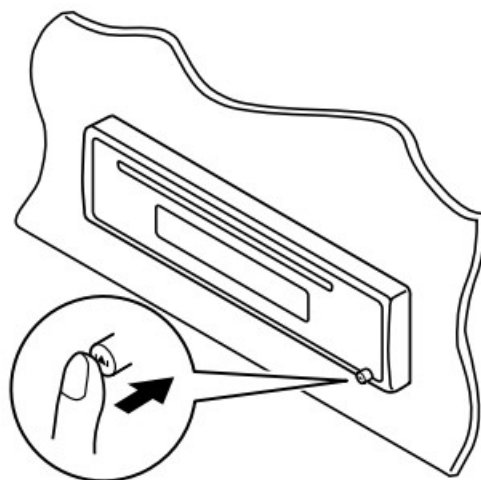


- **MUTING 1:** Select this if this setting can mute the sounds.
- **MUTING 2:** Select this if this setting can mute the sounds.
- **OFF:** Cancels the telephone muting.

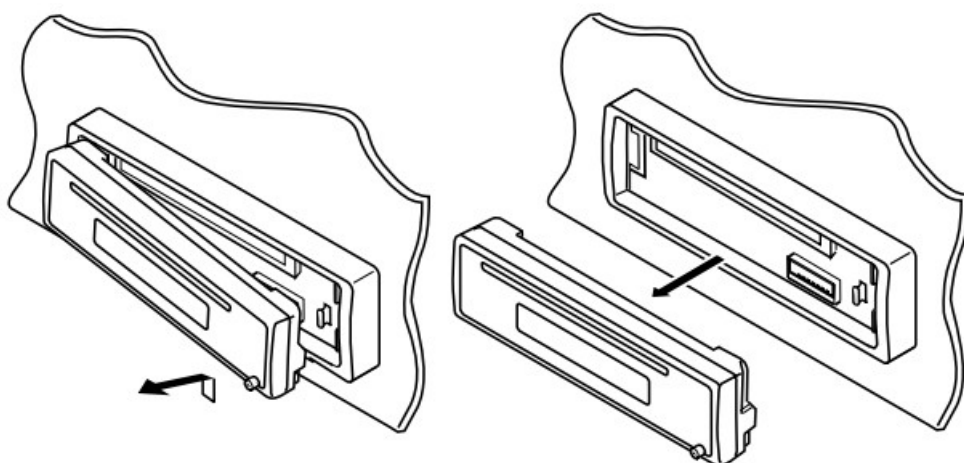
4. Finish the setting.



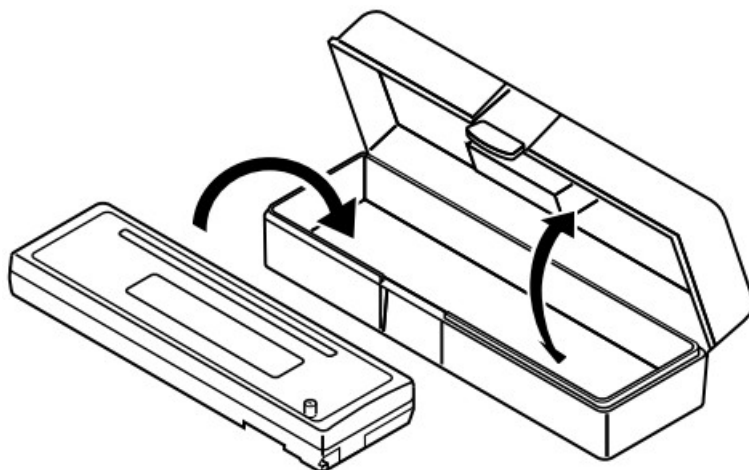
Preferred Setting Mode (PSM) items



2. Lift and pull the control panel out of the unit.

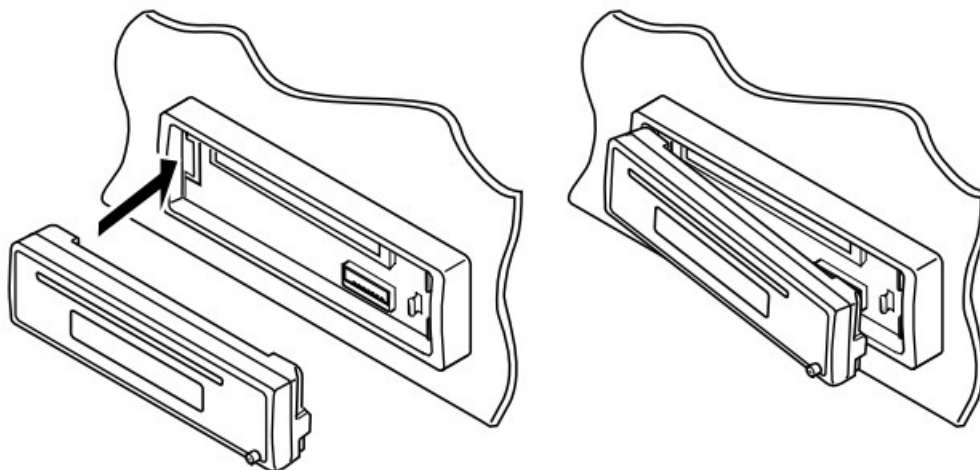


3. Put the detached control panel into the provided case.

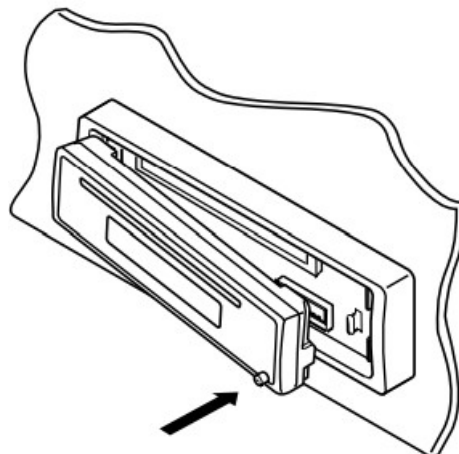


Attaching the control panel

1. Insert the left side of the control panel into the groove on the panel holder.



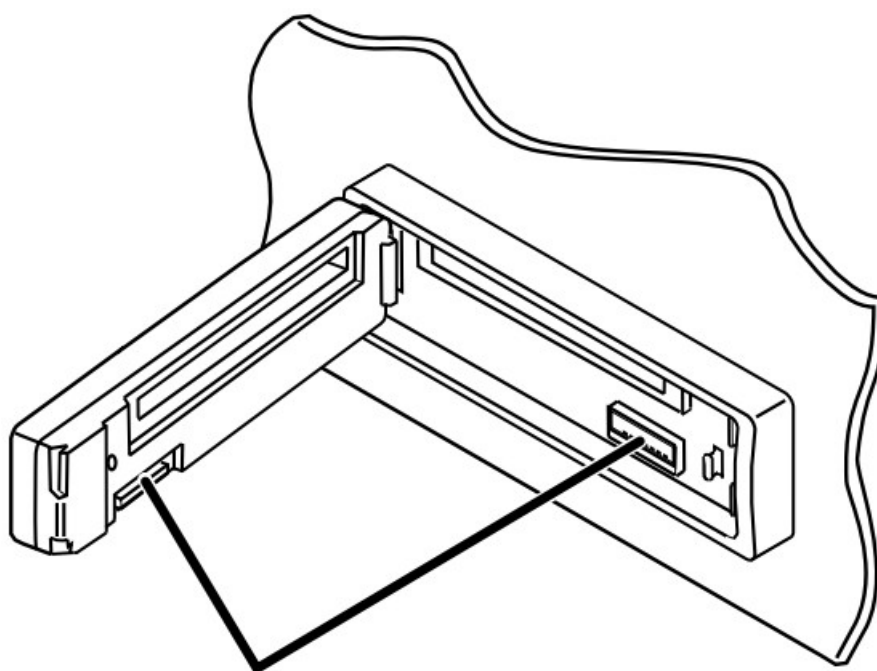
2. Press the right side of the control panel to fix it to the panel holder.



Note on cleaning the connectors:

If you frequently detach the control panel, the connectors will deteriorate.




To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors.



Connectors

TROUBLESHOOTING

What appears to be trouble is not always serious. Check the following points before calling a service center.

Symptoms		Causes	Remedies
General	<ul style="list-style-type: none"> Sound cannot be heard from the speakers. 	The volume level is set to the minimum level.	Adjust it to the optimum level.
		Connections are incorrect.	Check the cords and connections.
	<ul style="list-style-type: none"> This unit does not work at all. 	The built-in microcomputer may have functioned incorrectly due to noise, etc.	While holding SEL (select), press  for more than 2 seconds to reset the unit. (The clock setting and preset stations stored in memory are erased.) (See page 2.)
FM/AM	<ul style="list-style-type: none"> SSM (Strong-station Sequential Memory) automatic preset does not work. 	Signals are too weak.	Store stations manually.
	<ul style="list-style-type: none"> Static noise while listening to the radio. 	The antenna is not connected firmly.	Connect the antenna firmly.
CD Playback	<ul style="list-style-type: none"> CD automatically ejects. 	CD is inserted upside down.	Insert the CD correctly.
	<ul style="list-style-type: none"> CD-R/CD-RW cannot be played back. Tracks on the CD-R/CD-RW cannot be skipped. 	CD-R/CD-RW is not finalized.	<ul style="list-style-type: none"> Insert a finalized CD-R/CD-RW. Finalize the CD-R/CD-RW with the component which you used for recording.
	<ul style="list-style-type: none"> CD can be neither played back nor ejected. 	CD is locked.	Unlock the CD. (See page 19.)
		The CD player may function incorrectly.	While holding  , press  for more than 2 seconds. Be careful not to drop the CD when it is ejected.
	<ul style="list-style-type: none"> CD sound is sometimes interrupted. 	You are driving on rough roads.	Stop playback while driving on rough roads.
		CD is scratched.	Change the CD.
		Connections are incorrect.	Check the cords and connections.
	<ul style="list-style-type: none"> "NO DISC" appears on the display. 	No CD in the loading slot.	Insert a CD into the loading slot.
		CD is inserted incorrectly.	Insert the CD correctly.

MAINTENANCE

Handling discs

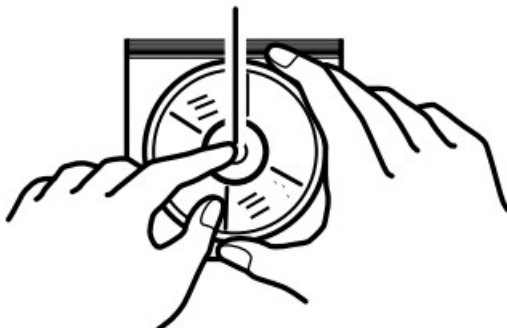
This unit has been designed to reproduce CDs, CD-Rs (Recordable), and CD-RWs (Rewritable).

- This unit is not compatible with MP3 discs.

How to handle CDs

When removing a CD from its case, press down the center holder of the case and lift the CD out, holding it by the edges.

Center holder



- Always hold the CD by the edges. Do not touch its recording surface.

When storing a CD into its case, gently insert the CD around the center holder (with the printed surface facing up).

- Make sure to store CDs into the cases after use.

To keep CDs clean

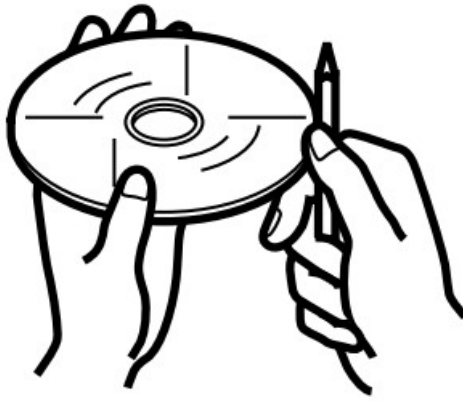
A dirty CD may not play correctly. If a CD does become dirty, wipe it with a soft cloth in a straight line from center to edge.



To play new CDs

New CDs may have some rough spots around the inner and outer edges. If such a CD is used, this unit may reject the CD.

To remove these rough spots, rub the edges with a pencil or ball-point pen, etc.



Moisture condensation

Moisture may condense on the lens inside the CD player in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car. Should this occur, the CD player may malfunction. In this case, eject the CD and leave the unit turned on for a few hours until the moisture evaporates.

When playing a CD-R or CD-RW

Before playing back CD-Rs or CD-RWs, read their instructions or cautions carefully.

- Use only “finalized” CD-Rs or CD-RWs.
- Some CD-Rs or CD-RWs may not play back on this unit because of their disc characteristics, and for the following reasons:
 - Discs are dirty or scratched.
 - Moisture condensation on the lens inside the unit.
 - The pickup lens inside the unit is dirty.
- CD-RWs may require a longer readout time since the reflectance of CD-RWs is lower than that of regular CDs.
- CD-Rs or CD-RWs are susceptible to high temperatures or high humidity, so do not leave them inside your car.
- Do not use following CD-Rs or CD-RWs:
 - Discs with stickers, labels, or protective seal stuck to the surface.
 - Discs on which labels can be directly printed by an ink jet printer.

Using these discs under high temperatures or high humidity may cause malfunctions or damage to discs. For example,

- Stickers or labels may shrink and warp a disc.
- Stickers or labels may peel off so discs cannot be ejected.
- Print on discs may get sticky.

Read instructions or cautions about labels and printable discs carefully.

CAUTIONS:

- Do not insert 8 cm CDs (single CDs) into the loading slot. (Such CDs cannot be ejected.)
- Do not insert any CD of unusual shape—like a heart or flower; otherwise, it will cause a malfunction.
- Do not expose CDs to direct sunlight or any heat source or place them in a place subject to high temperature and humidity. Do not leave them in a car.
- Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean CDs.

Warped
disc



Sticker



Sticker
residue

Disc



Stick-on
label

SPECIFICATIONS

AUDIO AMPLIFIER SECTION

Maximum Power Output:

Front: 45 W per channel

Rear: 45 W per channel

Continuous Power Output (RMS):

Front: 17 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.

Rear: 17 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.

Load Impedance: 4 Ω (4 Ω to 8 Ω allowance)

Tone Control Range: Bass: ± 10 dB at 100 Hz

Treble: ± 10 dB at 10 kHz

Frequency Response: 40 Hz to 20 000 Hz

Signal-to-Noise Ratio: 70 dB

Line-Out Level/Impedance: 2.0 V/20 k Ω load (full scale)

Output Impedance: 1 k Ω

TUNER SECTION

Frequency Range:

FM: 87.5 MHz to 108.0 MHz

AM: (MW) 522 kHz to 1 620 kHz (LW) 144 kHz to 279 kHz [FM Tuner] **Usable Sensitivity:** 11.3 dBf (1.0 μ V/75 Ω)

50 dB Quieting Sensitivity: 16.3 dBf (1.8 μ V/75 Ω)

Alternate Channel Selectivity (400 kHz): 65 dB

Frequency Response: 40 Hz to 15 000 Hz

Stereo Separation: 30 dB

Capture Ratio: 1.5 dB [MW Tuner] Sensitivity: 20 μ V

Selectivity: 35 dB [LW Tuner] Sensitivity: 50 μ V

CD PLAYER SECTION

Type: Compact disc player

Signal Detection System: Non-contact optical pickup (semiconductor laser)

Number of channels: 2 channels (stereo)

Frequency Response: 5 Hz to 20 000 Hz

Dynamic Range: 96 dB

Signal-to-Noise Ratio: 98 dB

Wow and Flutter: Less than measurable limit

GENERAL

Power Requirement:

Operating Voltage: DC 14.4 V (11 V to 16 V allowance)

Grounding System: Negative ground

Allowable Operating Temperature: 0°C to +40°C

Dimensions (W \times H \times D):

Installation Size (approx.): 182 mm \times 52 mm \times 150 mm

Panel Size (approx.): 188 mm \times 58 mm \times 11 mm

Mass (approx.): 1.3 kg (excluding accessories)

Design and specifications are subject to change without notice.

Having TROUBLE with operation?

Please reset your unit

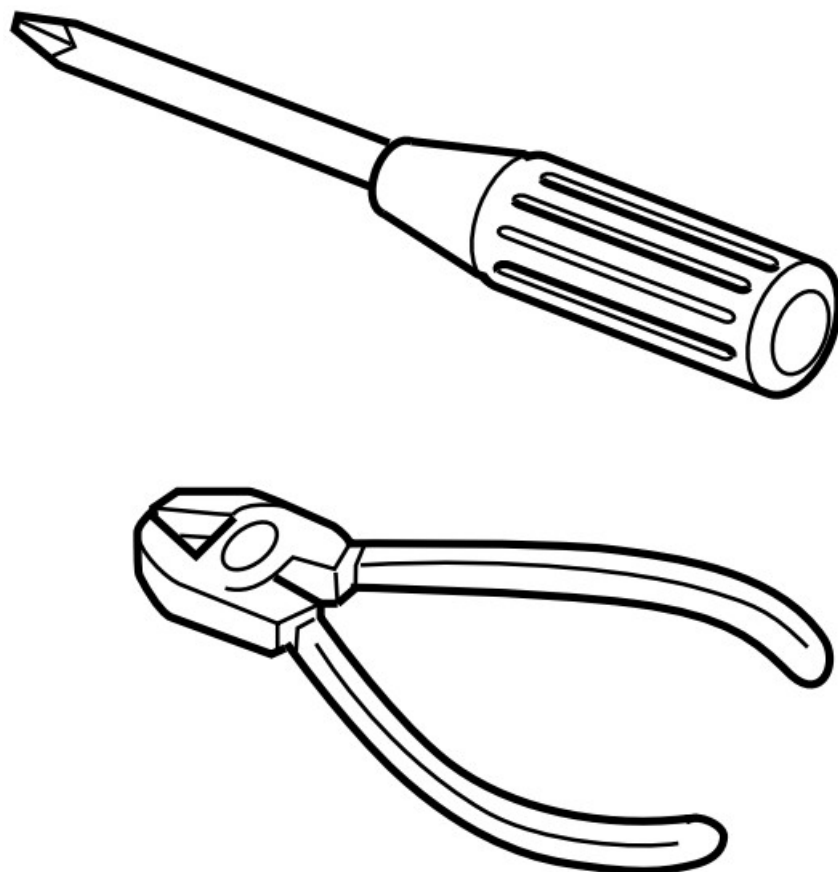
Refer to page of How to reset your unit

KD-S73R/KD-S71R/

KD-S743R/KD-S741R

Installation/Connection Manual

GET0118-004A [E/EX]



- This unit is designed to operate on 12 V DC, NEGATIVE ground electrical systems.

INSTALLATION (IN-DASH MOUNTING)

- The following illustration shows a typical installation.

However, you should make adjustments corresponding to your specific car. If you have any questions or require information regarding installation kits, consult your JVC IN-CAR ENTERTAINMENT dealer or a company supplying kits.

1. Before mounting: Press (control panel release button) to detach the control panel if already attached.

* When shipped from the factory, the control panel is packed in the hard case.

2. Remove the trim plate.
3. Remove the sleeve after disengaging the sleeve locks.

1 Stand the unit.

Note: When you stand the unit, be careful not to damage the fuse on the rear.

2 Insert the 2 handles between the unit and the sleeve, as illustrated, to disengage the sleeve locks.

3 Remove the sleeve.

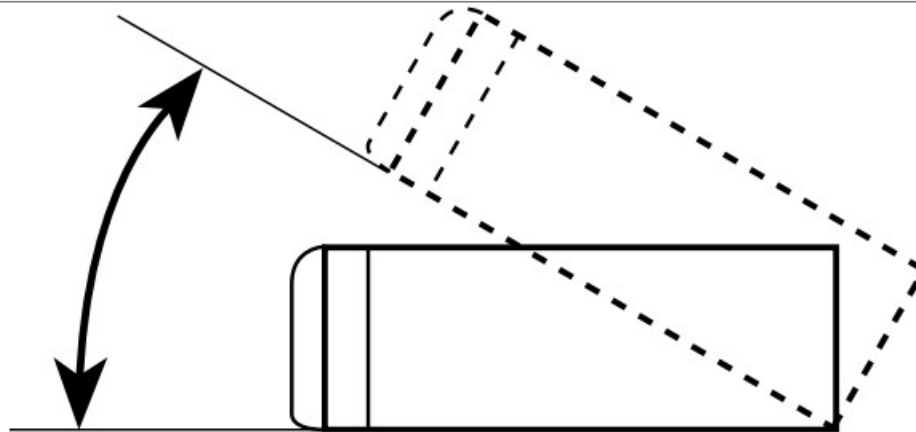
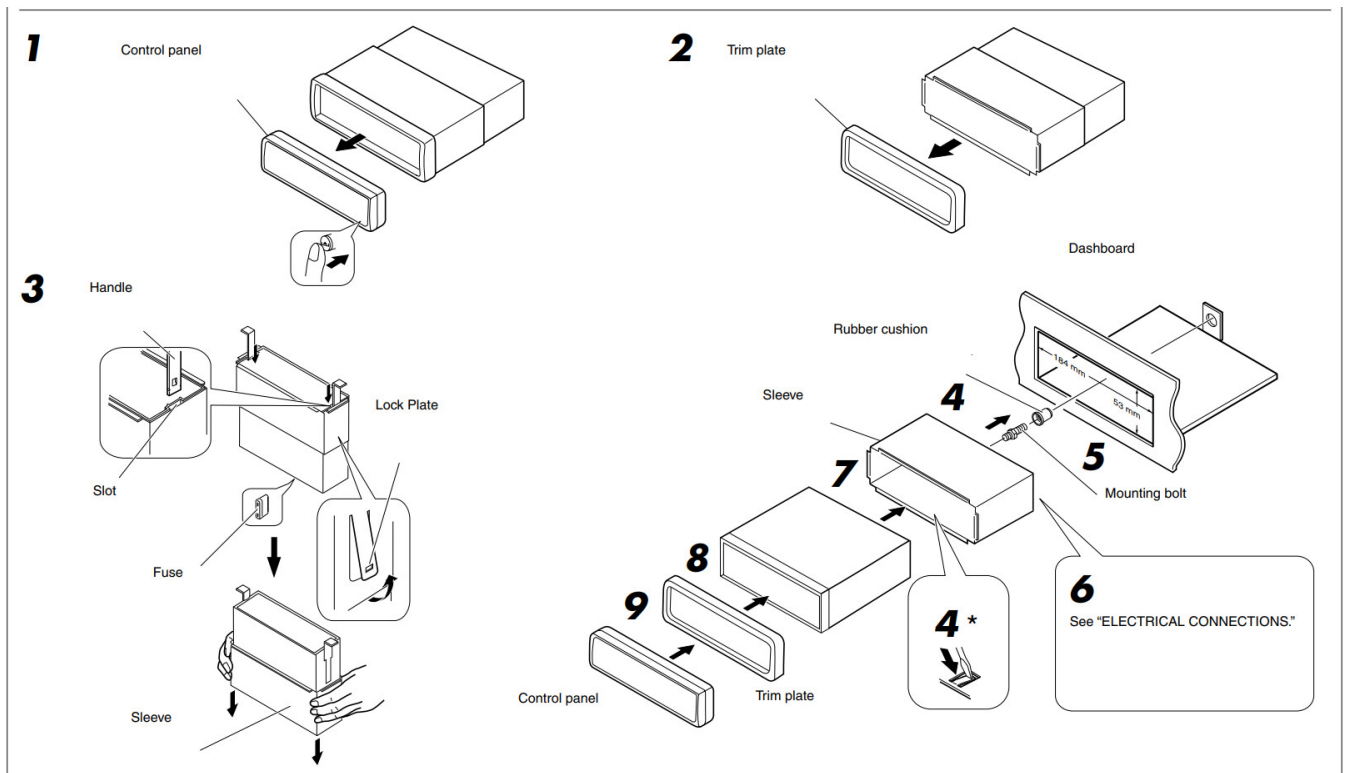
Note: Be sure to keep the handles for future use after installing the unit.

4. Install the sleeve into the dashboard.

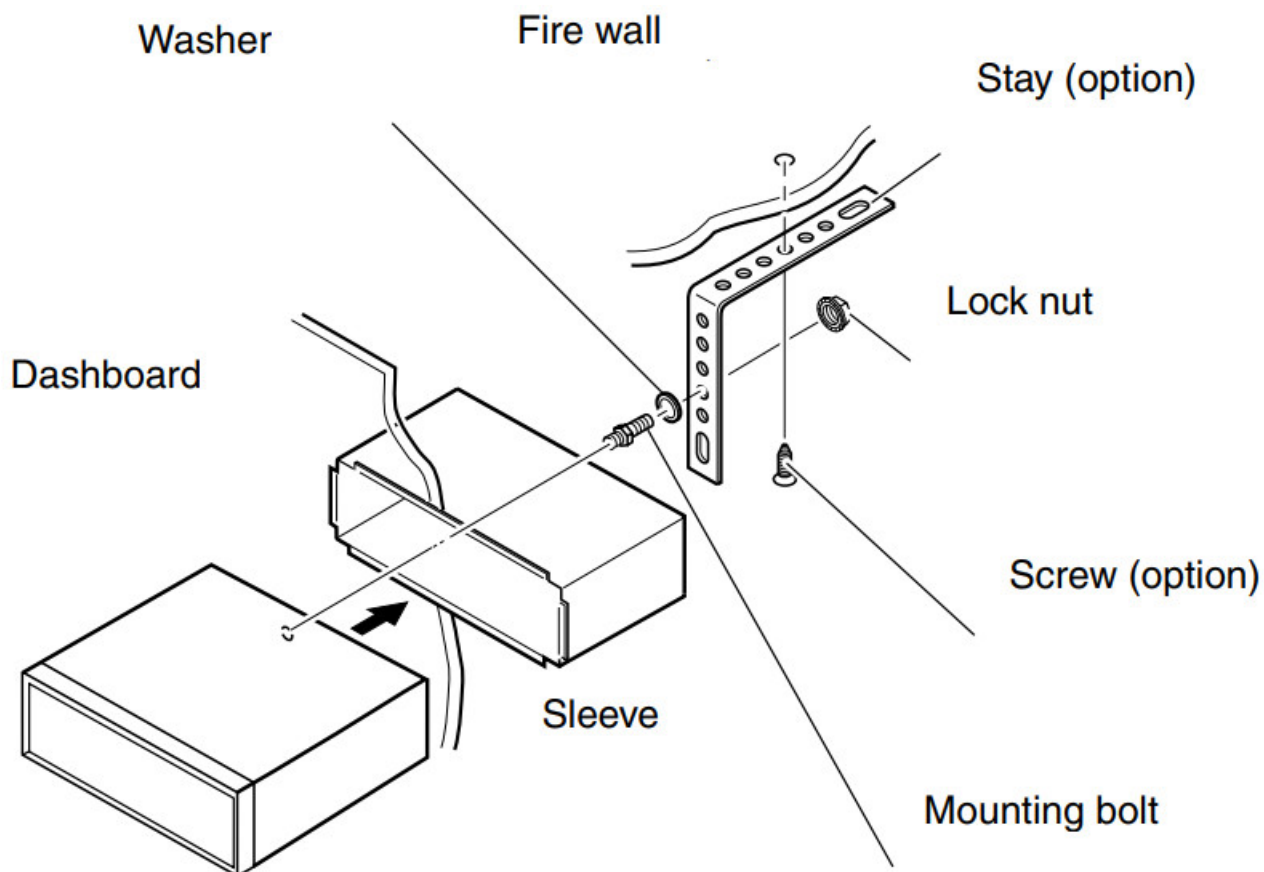
* After the sleeve is correctly installed into the dashboard, bend the appropriate tabs to hold the sleeve firmly in place, as illustrated.

5. Fix the mounting bolt to the rear of the unit's body and place the rubber cushion over the end of the bolt.
6. Do the required electrical connections.

7. Slide the unit into the sleeve until it is locked.
8. Attach the trim plate.
9. Attach the control panel.



- When using the optional stay

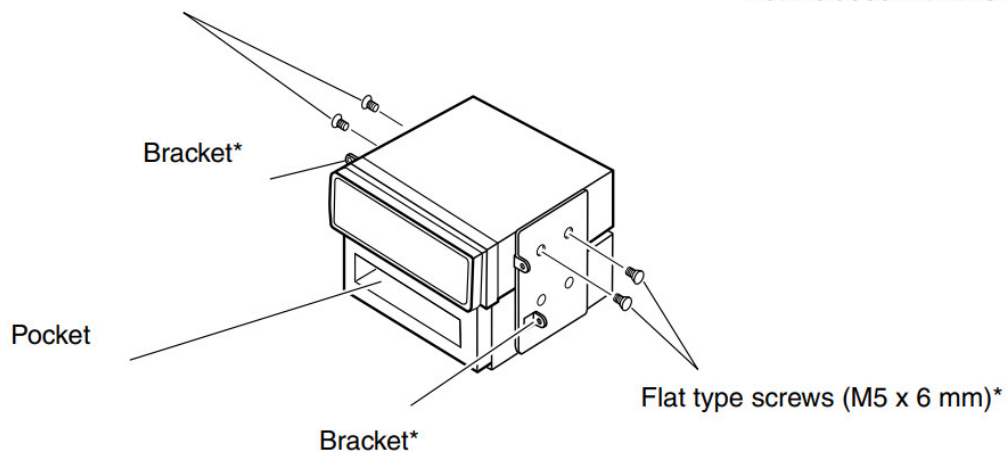


- When installing the unit without using the sleeve

In a Toyota for example, first remove the car radio and install the unit in its place.

Flat type screws (M5 x 6 mm)*

* Not included with this unit.



Note : When installing the unit on the mounting bracket, make sure to use the 6 mm-long screws. If longer screws are used, they could damage the unit.

Removing the unit

- Before removing the unit, release the rear section.

1 Remove the control panel.

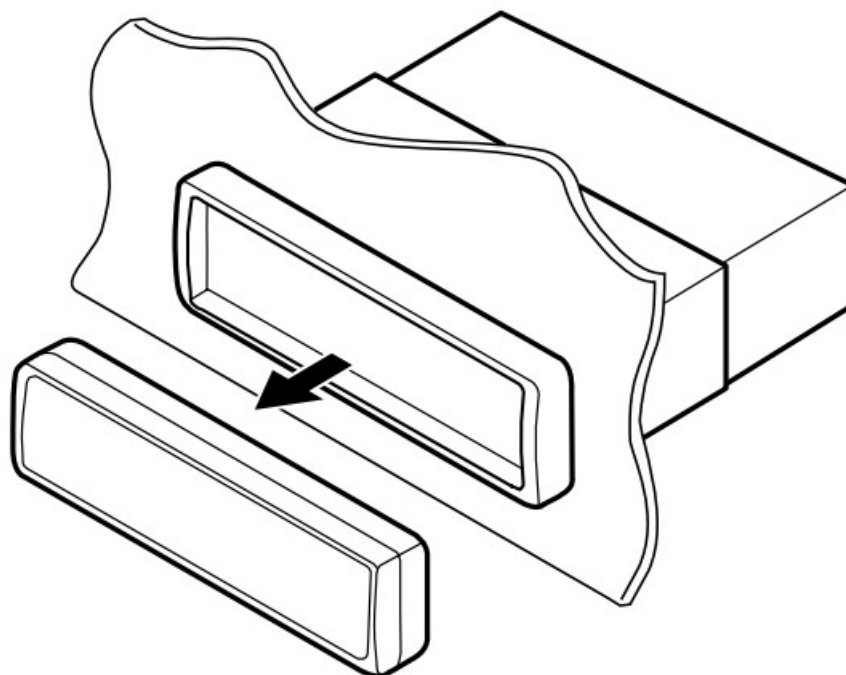
2 Remove the trim plate.

3 Insert the 2 handles into the slots, as shown.

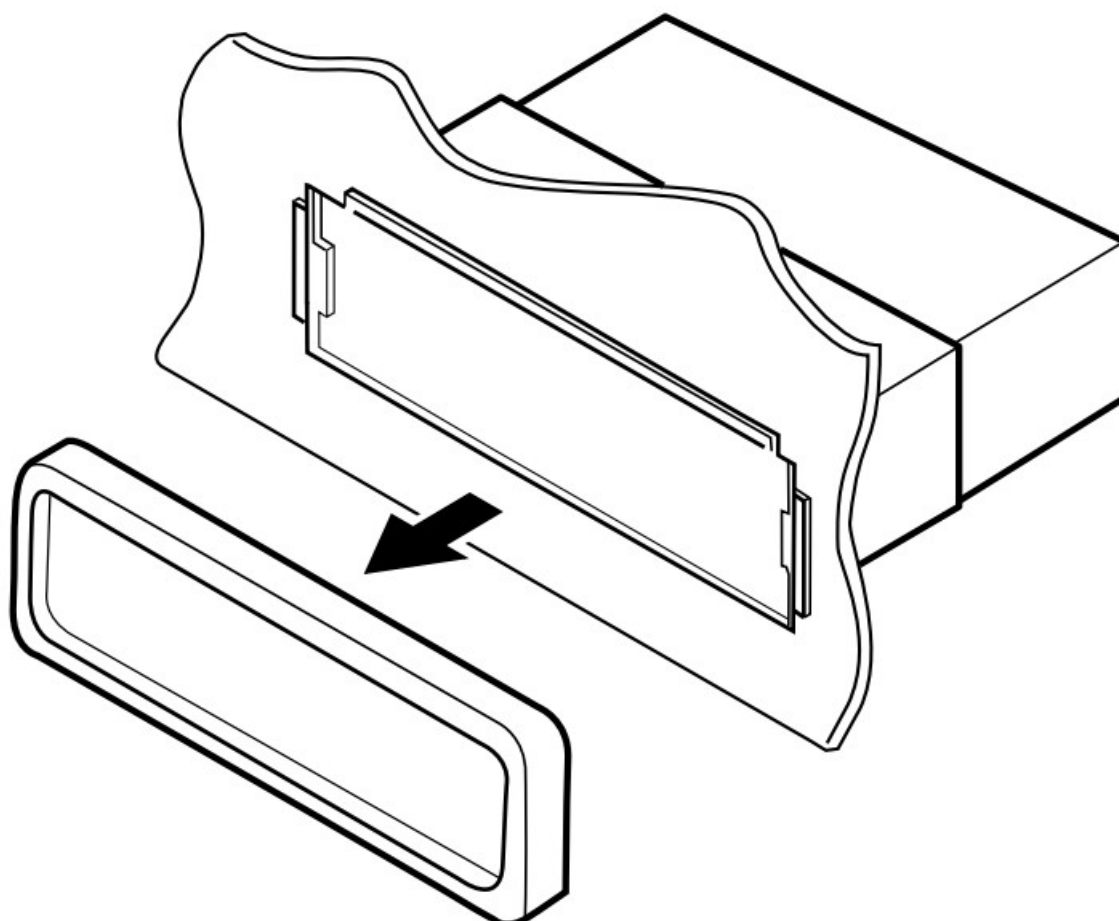
Then, while gently pulling the handles away from each other, slide out the unit. (Be sure to keep the handles

after installing it.)

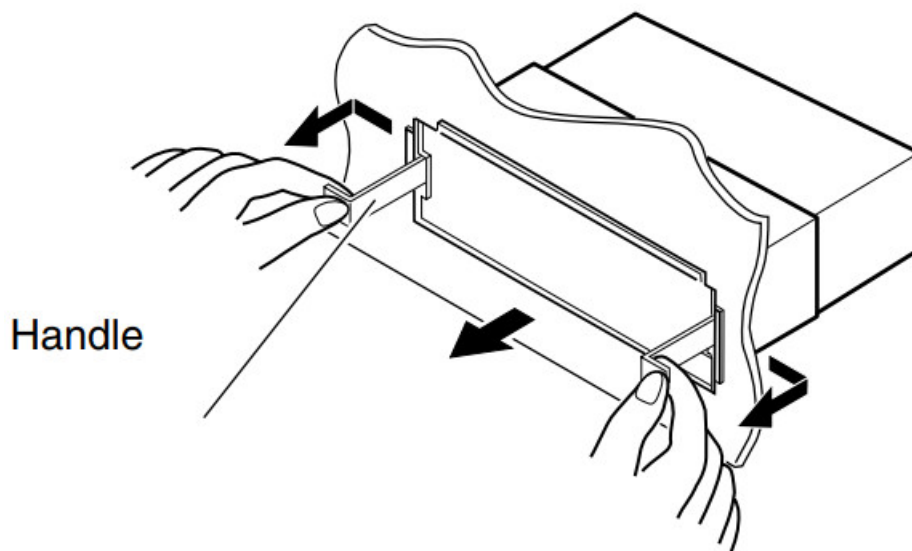
1. Control panel



2. Trim plate

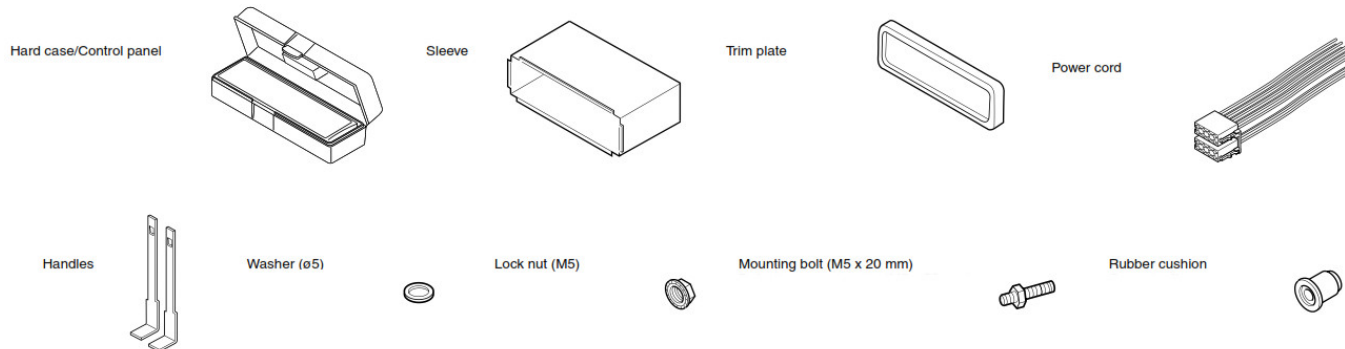


3. Handle



Parts list for installation and connection

The following parts are provided with this unit.
After checking them, please set them correctly.



TROUBLESHOOTING

- The fuse blows.
- Are the red and black leads connected correctly?
- Power cannot be turned on.
- Is the yellow lead connected?
- No sound from the speakers.
- Is the speaker output lead short-circuited?
- Sound is distorted.
- Is the speaker output lead grounded?
- Are the “–” terminals of L and R speakers grounded in common?
- Unit becomes hot.
- Is the speaker output lead grounded?
- Are the “–” terminals of L and R speakers grounded in common?

ELECTRICAL CONNECTIONS

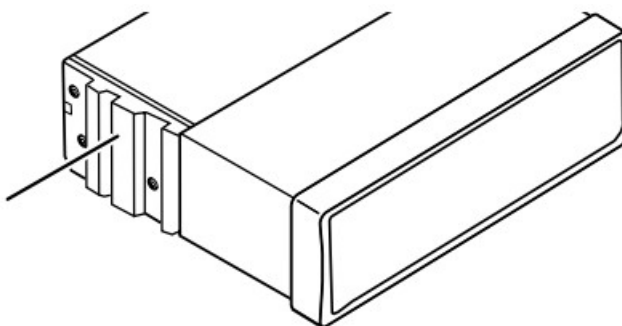
To prevent short circuits, we recommend that you disconnect the battery's negative terminal and make all electrical connections before installing the unit. If you are not sure how to install this unit correctly, have it installed by a qualified technician.

Note:

This unit is designed to operate on 12 V DC, NEGATIVE ground electrical systems. If your vehicle does not have this system, a voltage inverter is required, which can be purchased at JVC IN-CAR ENTERTAINMENT dealers.

- Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC INCAR ENTERTAINMENT dealer.
- If noise is a problem...
This unit incorporates a noise filter in the power circuit. However, with some vehicles, clicking or other unwanted noise may occur. If this happens, connect the unit's rear ground terminal (see connection diagram) to the car's chassis using shorter and thicker cords, such as copper braiding or gauge wire. If noise still persists, consult your JVC IN-CAR ENTERTAINMENT dealer.
- Maximum input of the speakers should be more than 45 W at the rear and 45 W at the front, with an impedance of 4 Ω to 8 Ω .
- Be sure to ground this unit to the car's chassis.
- The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.

Heat sink



A Typical Connections

Before connecting: Check the wiring in the vehicle carefully. Incorrect connection may cause serious damage to this unit.

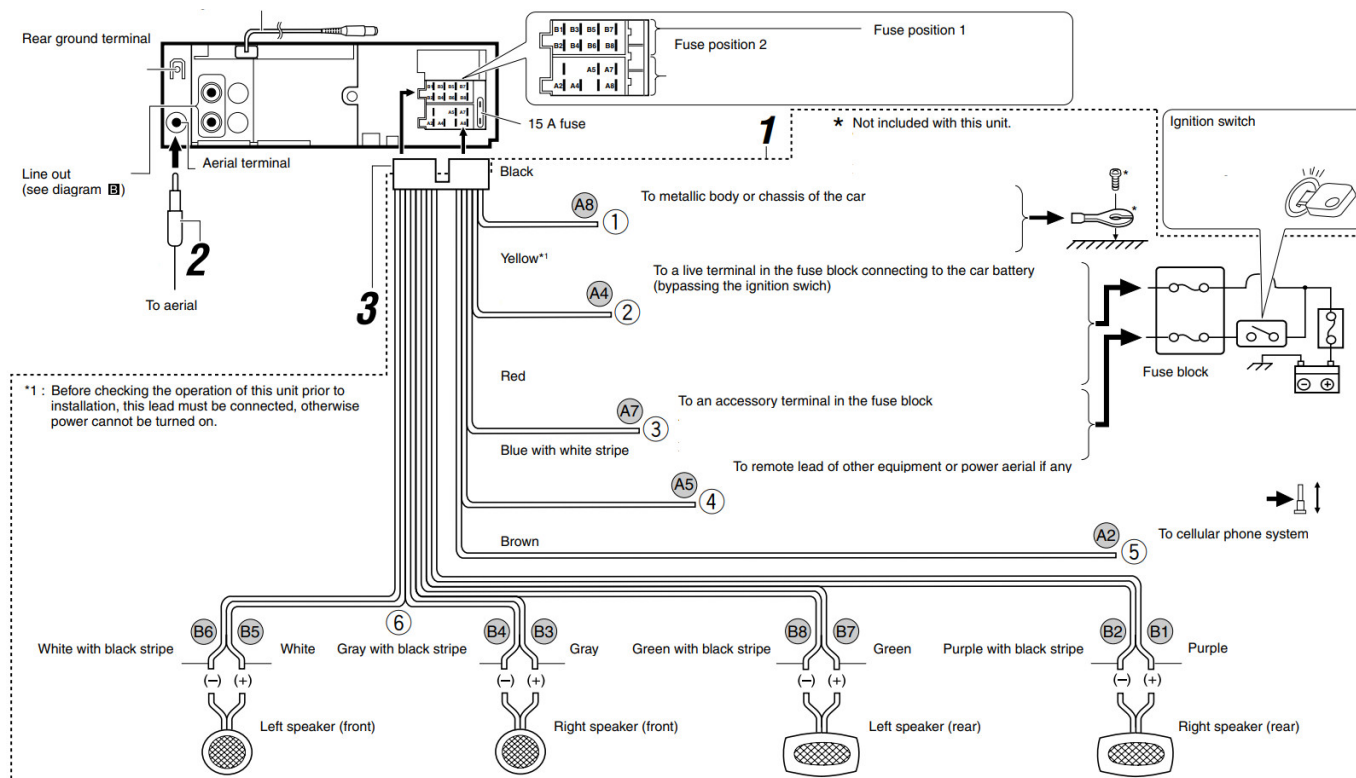
The leads of the power cord and those of the connector from the car body may be different in color.

1. Connect the colored leads of the power cord to the car battery, speakers and power aerial (if any) in the following sequence.
 - 1 Black: ground
 - 2 Yellow: to car battery (constant 12 V)
 - 3 Red: to an accessory terminal
 - 4 Blue with white stripe: to remote lead of other equipment or power aerial if any (200 mA max.)
 - 5 Brown: to cellular phone system (For details, refer to the instructions of the cellular phone.)
 - 6 Others: to speakers
2. Connect the aerial cord.
3. Finally connect the wiring harness to the unit.

Note: If your vehicle does not have any accessory terminal, move the fuse from the fuse position 1 (initial position) to fuse position 2, and connect the red lead (A7) to the positive (+) battery terminal.

- The yellow lead (A4) is not used in this case.

To steering wheel remote controller—Only for KD-S73R/KD-S71R (see diagram **C**)



PRECAUTIONS on power supply and speaker connections:

- DO NOT connect the speaker leads of the power cord to the car battery; otherwise, the unit will be seriously damaged.
 - Connect the black lead (ground), yellow lead (to car battery, constant 12 V), and red lead (to an accessory terminal) correctly.
 - BEFORE connecting the speaker leads of the power cord to the speakers, check the speaker wiring in your car.
 - If the speaker wiring in your car is as illustrated in Fig. 1 and Fig. 2 below, DO NOT connect the unit using that original speaker wiring. If you do, the unit will be seriously damaged.
- Redo the speaker wiring so that you can connect the unit to the speakers as illustrated in Fig. 3.
- If the speaker wiring in your car is as illustrated in Fig. 3, you can connect the unit using the original speaker wiring in your car.
 - If you are not sure of the speaker wiring of your car, consult your car dealer.

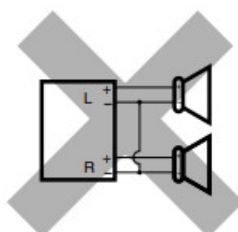


Fig. 1

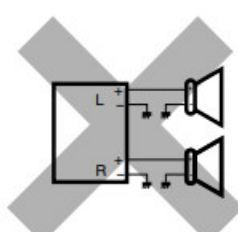


Fig. 2

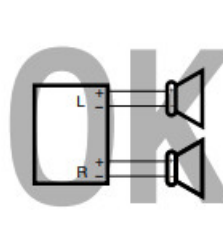
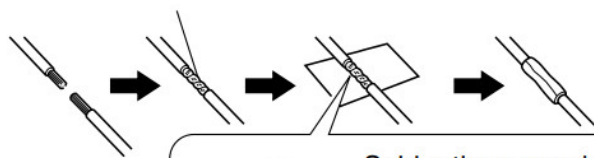


Fig. 3

Connecting the leads

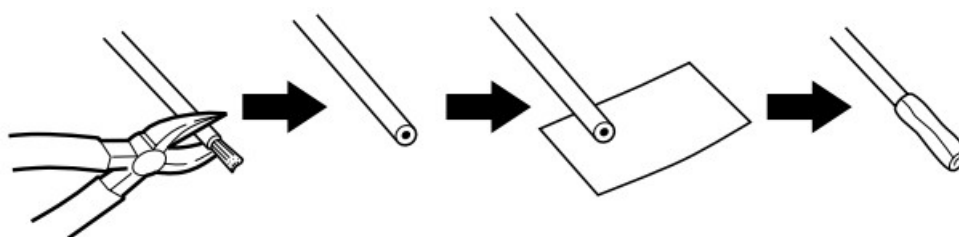
Twist the core wires when connecting.



Solder the core wires to connect them securely.

CAUTION

- To prevent short-circuit, cover the terminals of the UNUSED leads with insulating tape.

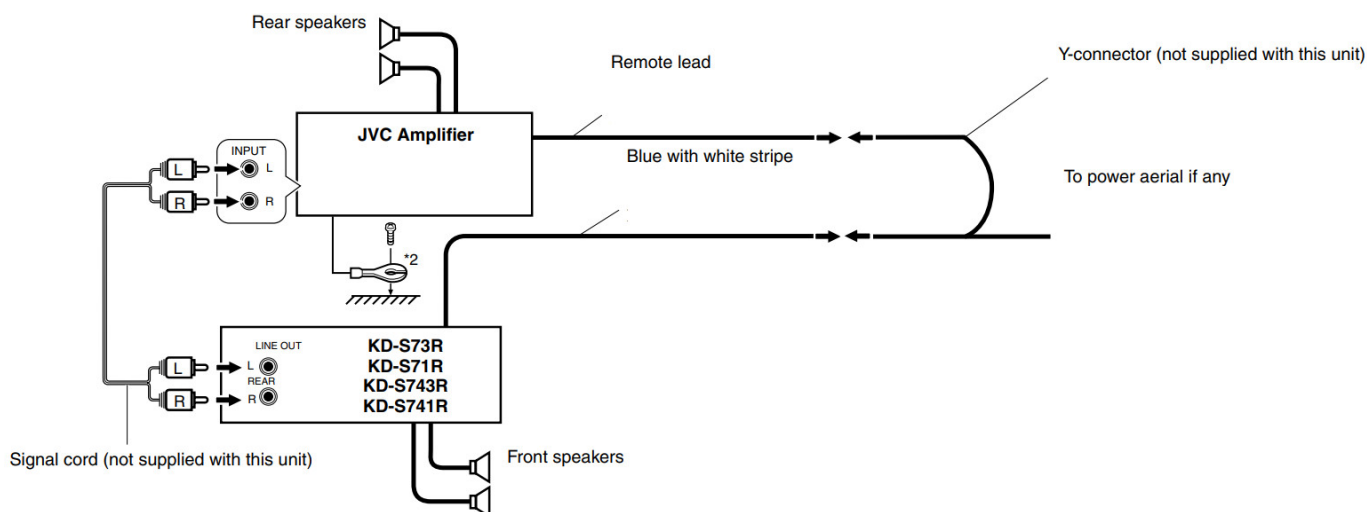


B Connections Adding Other Equipment

Amplifier

You can connect an amplifier to upgrade your car stereo system.

- Connect the remote lead (blue with white stripe) to the remote lead of the other equipment so that it can be controlled through this unit.
- Connect this unit's line-out terminals to the amplifier's line-in terminals.
- Disconnect the speakers from this unit, connect them to the amplifier. Leave the speaker leads of this unit unused. (Cover the terminals of these unused leads with insulating tape, as illustrated above.)

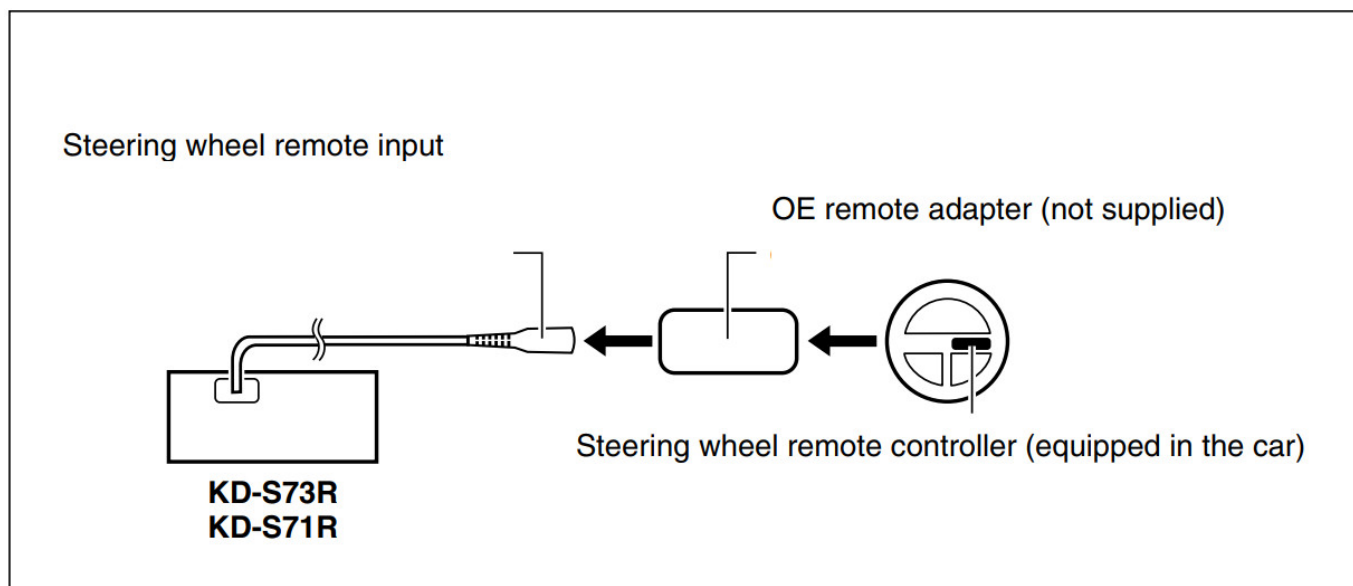


Firmly attach the ground wire to the metallic body or to the chassis of the car—to the place not coated with paint (if coated with paint, remove the paint before attaching the wire). Failure to do so may cause damage to the unit.

C Connecting to the steering wheel remote controller

Only for KD-S73R/KD-S71R


If your car is equipped with the steering wheel remote controller, you can operate this receiver using the controller. To do it, a JVC's OE remote adapter (not supplied) which matches with your car is required. Consult your JVC IN-CAR ENTERTAINMENT dealer for details.



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References

- [User Manual, users guide, operation instruction](#)
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- [User Manual](#)