

FM/MW/LW Compact Disc Player

Operating Instructions _____

GB

For installation and connections, see the supplied installation/connections manual.



CDX-M610

Welcome !

Thank you for purchasing the Sony Compact Disc Player. This unit lets you enjoy a variety of features using the following controller accessories:

Supplied accessory

Card remote commander
RM-X96

Optional accessory

Rotary commander RM-X4S

In addition to the CD playback and radio operations, you can expand your system by connecting optional CD/MD units*¹.

When you operate this unit or a connected optional CD unit with the CD TEXT function, the CD TEXT information will appear in the display when you playback a CD TEXT disc*².

*¹ You can connect CD changers, MD changers, CD players, or MD players.

*² A CD TEXT disc is an audio CD that includes information such as the disc name, artist name and track names.


This information is recorded on the disc.

Precautions



CLASS 1
LASER PRODUCT

This label is located on the bottom of the chassis.



CAUTION—INVISIBLE LASER RADIATION WHEN OPEN
DO NOT STARE INTO BEAM OR
VIEW DIRECTLY WITH OPTICAL INSTRUMENTS

This label is located on the drive unit's internal chassis.

- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the unit to cool off before operating it.
- If no power is being supplied to the unit, check the connections first. If everything is in order, check the fuse.
- If your car is equipped with a power aerial, it will extend automatically while the unit is operating.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

Moisture Condensation

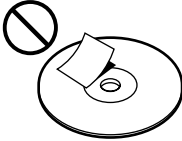
On a rainy day or in a very damp area, moisture may condense on the lenses inside the unit. Should this occur, the unit will not operate properly. In such a case, remove the disc and wait for about an hour until the moisture has evaporated.

Notes on discs (CDs)

A dirty or defective disc may cause sound dropouts while playing. To enjoy optimum sound, handle the disc as follows. Handle the disc by its edge. To keep the disc clean, do not touch the surface.



Do not stick paper or tape on the disc.



Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave them in a car parked in direct sunlight where there can be a considerable rise in temperature inside the car.



Before playing, clean the discs with an optional cleaning cloth. Wipe each disc from the centre out.



Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analog discs.

Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.

You cannot play 8cm CDs.

Notes on discs

If you use the discs explained below, the sticky residue can cause the CD to stop spinning and may cause malfunction or ruin your discs.

Do not use second-hand or rental CDs that have a sticky residue on the surface (for example, from peeled-off stickers or from ink, or glue leaking from under the stickers).

There is paste residue.
Ink is sticky.



Do not use rental CDs with old labels that are beginning to peel off.

Stickers that are beginning to peel away, leaving a sticky residue.



Do not use your CDs with labels or stickers attached.

Labels are attached.



Notes on CD-R/CD-RW discs

- You can play CD-Rs (recordable CDs) on this unit. However depending on the conditions of the recording equipment or the CD-R disc itself, some CD-Rs cannot be played on this unit.



This mark denotes that a disc is not for audio use.



- You cannot play a CD-R that is not finalized (Finalization is necessary for a recorded CD-R disc to be played on the audio CD player).
- You cannot play CD-RWs (rewritable CDs) on this player.

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Other Functions

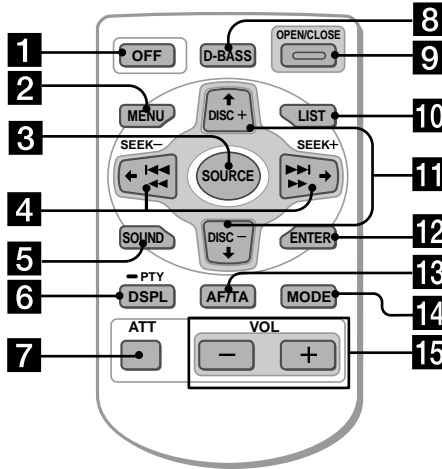
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Location of controls

Card remote commander



Refer to the pages listed for details.

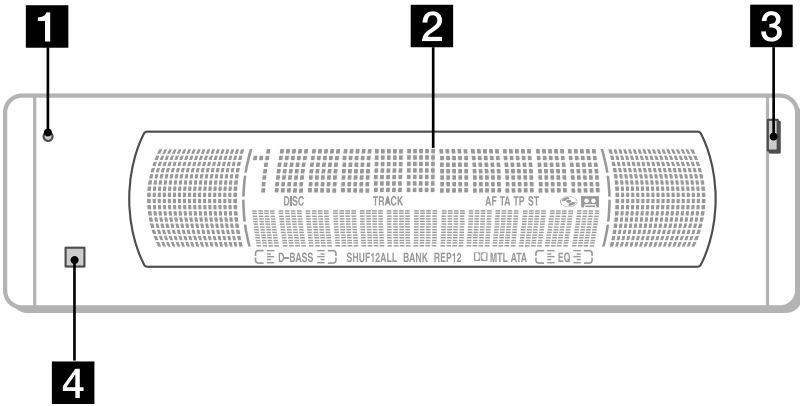
- 1** OFF button 8, 10
- 2** MENU button 9, 11, 12, 13, 14, 15, 16, 17, 19, 21, 23, 25, 27, 31, 32
- 3** SOURCE (TUNER/CD/MD) button 8, 10, 11, 14, 16, 17, 24, 32
- 4** ←/→ (SEEK/AMS -/+) buttons 9, 11, 12, 13, 15, 17, 19, 21, 23, 24, 25, 27, 30, 32
Automatic Music Sensor (◀◀/▶▶) 11
Manual Search (◀◀/▶▶) 11
Seek 17
- 5** SOUND button 30
- 6** DSPL/PTY (display mode change/programme type) button 10, 11, 13, 22, 27
- 7** ATT (attenuate) button 30
- 8** D-BASS button 32
- 9** OPEN/CLOSE button 10
- 10** LIST button 13, 14, 26

- 11** ↑/↓ (PRST/DISC +/-) buttons 9, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 25, 26, 27, 31, 32
During CD/MD playback:
Disc change 11
During radio reception:
Preset stations select 17
- 12** ENTER button 9, 11, 13, 14, 15, 16, 17, 19, 21, 22, 23, 25, 26, 27, 31, 32
- 13** AF/TA button 18, 19, 20, 21
- 14** MODE button 10, 14, 16, 17, 24
During CD/MD playback:
CD/MD unit select 10, 14
During radio reception:
BAND select 16, 17
- 15** VOL (Volume adjust) buttons 20

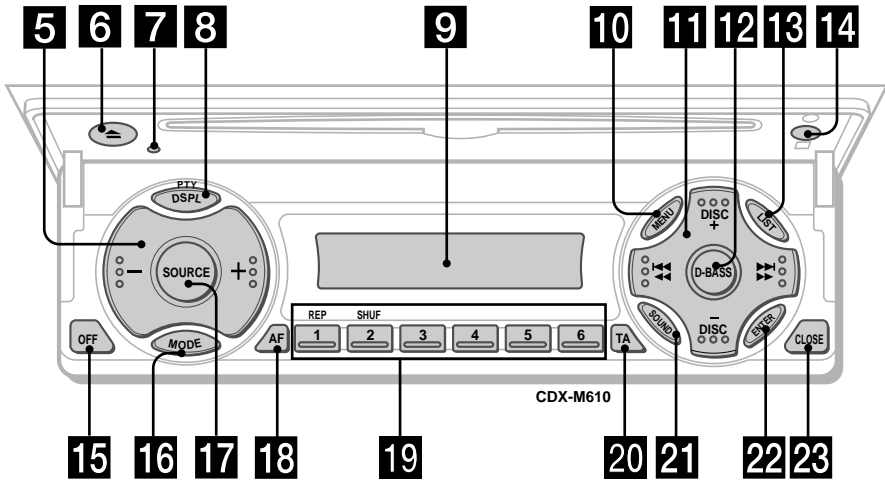
A unit turned off by pressing **OFF** for two seconds cannot be operated with the card remote commander unless **SOURCE** on the unit is pressed or a CD is inserted to activate the unit first.

Location of controls

Security side



Operation side



The corresponding buttons of the unit control the same functions as those on the card remote commander.

- 1 7** Reset button 8
- 2** Main display window
- 3** OPEN button 34
- 4 14** Receptor for the card remote commander
- 5** Volume adjust buttons
- 6** ▲ (eject) button 10
- 8** DSPL/PTY (display mode change/ programme type) button
- 9** Sub display window
- 10** MENU button
- 11** DISC/PRST +/- (cursor up/down) buttons
SEEK/AMS -/+ (cursor left/right) buttons
16
- 12** D-BASS button
- 13** LIST button
- 15** OFF button*
- 16** MODE button
- 17** SOURCE (TUNER/CD/MD) button
- 18** AF button 18, 19, 21
- 19** Number buttons
During radio reception:
Preset number select
16, 17, 19, 21, 24, 26
During CD/MD playback:
① REP 12
② SHUF 12
- 20** TA button 19, 20, 21
- 21** SOUND button
- 22** ENTER button
- 23** CLOSE button

* **Warning when installing in a car without ACC (accessory) position on the ignition key switch**

Be sure to press **OFF** on the unit for two seconds to turn off the clock display after turning off the engine.

When you press **OFF** only momentarily, the clock display does not turn off and this causes battery wear.

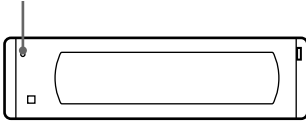
Getting Started

Resetting the unit

Before operating the unit for the first time or after replacing the car battery, you must reset the unit.

Press the reset button with a pointed object, such as a ballpoint pen.

Reset button



Note

Pressing the reset button will erase the clock setting and some memorised functions.

Security release settings

Do the following initial settings before you operate the unit for the first time, after replacing the car battery, or after resetting the unit.

Be sure to make these settings, otherwise the front panel remains disabled and you will be unable to operate the unit.

- 1 Press the reset button.**
"Code in" appears.
- 2 Press the buttons on the card remote commander, and send the security code.**
Please refer to the supplied insert for details on the security code buttons.
When the code has been confirmed, the display changes to clock, and you can operate the unit normally.

Notes

- When you leave the car, take the card remote control with you.
- If you forget the security code, consult your Sony Service Center. Be sure to bring the card remote control with you.

Turning the unit on/off

Turning on the unit

Press **(SOURCE)** or insert a CD in the unit. For details on operation, refer to page 10 (CD/MD) and page 16 (radio).

Turning off the unit

Press **(OFF)** to stop CD/MD playback or radio MW/LW reception (the key illumination and display remains on.)

Press **(OFF)** for two seconds to completely turn off the unit.

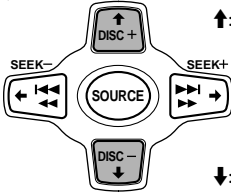
Note

If your car has no ACC position on the ignition key switch, be sure to turn the unit off by pressing **(OFF)** for two seconds to avoid car battery wear.

How to use the menu

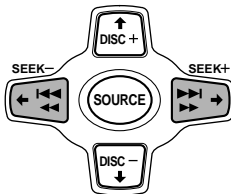
This unit is operated by selecting items from a menu.

To select, first enter the menu mode and choose \uparrow/\downarrow (up/down), or choose \leftarrow/\rightarrow (left/right).



\uparrow : to select upwards

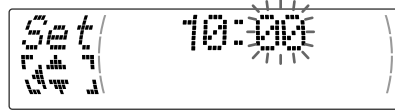
\downarrow : to select downwards



\leftarrow :
to select
leftwards

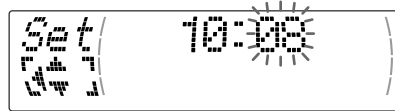
\rightarrow :
to select
rightwards

3 Press \rightarrow .



The minute indication flashes.

4 Press \uparrow or \downarrow to set the minute.



2 Press (ENTER).



The clock starts.

Tip

You can set the clock automatically with the RDS feature (page 23).

Note

In the initial setting, the clock indication appears while the unit is turned off.

When the D.Info mode is set to "on," the time is always displayed (except for some functions of SA mode) (page 31).

Setting the clock

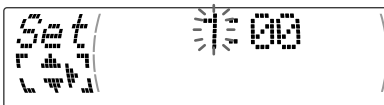
The clock uses a 24-hour digital indication.

Example: To set the clock to 10:08

1 Press (MENU), then press \uparrow or \downarrow repeatedly until "Clock" appears.



1 Press (ENTER).



The hour indication flashes.

2 Press \uparrow or \downarrow to set the hour.



CD Player CD/MD Unit (optional)

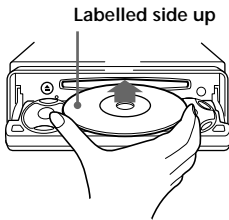
In addition to playing a CD with this unit alone, you can also control external CD/MD units.

If you connect an optional CD unit with the CD TEXT function, the CD TEXT information will appear in the display when you play a CD TEXT disc.

Listening to a CD

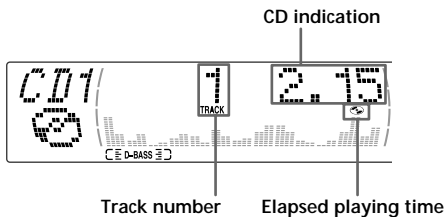
(with this unit only)

- 1 Press **(OPEN/CLOSE)** of the card remote commander and insert the CD. Playback starts automatically.



- 2 Press **(OPEN/CLOSE)** of the card remote commander to close the front panel.

If a CD is already inserted, press **(SOURCE)** repeatedly until "CD" appears to start playback.



When the last track on the CD is over

The track number indication returns to "1," and playback restarts from the first track of the CD.

To	Press
Stop playback	(OFF)
Eject the CD	(OPEN/CLOSE) then ▲

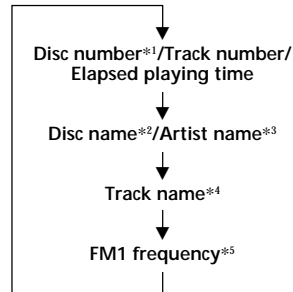
Playing a CD or MD (with optional CD/MD unit)

- 1 Press **(SOURCE)** repeatedly to select "CD" or "MD."
- 2 Press **(MODE)** until the desired unit appears. CD/MD playback starts.

All the discs in the current CD/MD unit is played from the top.

Changing the display item

Each time you press **(DSPL/PTY)** during CD, CD TEXT disc, or MD playback, the item changes as follows:



*1 While an optional CD/MD unit is connected.

*2 If you have not labelled the CD or CD TEXT disc ("Labelling a CD" page 13), or if there is no disc name prerecorded on the MD, "NO D.Name" appears in the display.

*3 If you play a CD TEXT disc, the artist name appears in the display after the disc name. (Only for CD TEXT discs with the artist name.)

*4 If the track name of a CD TEXT disc or MD is not prerecorded, "NO T.Name" appears in the display.

*5 While the AF/TA function is activated.

After you select the desired item, the display will automatically change to the Motion Display mode after a few seconds.

In the Motion Display mode, all the items are scrolled in the display one by one in order.

Note

If you use personalised labels, they will always take priority over the original CD TEXT information when such information is displayed.

Tip

The Motion Display mode can be turned off. (See "Changing the sound and display settings" on page 31).

Automatically scrolling a disc name

— Auto Scroll

If the disc name, artist name, or track name on an MD or a CD TEXT disc exceeds 10 characters and the Auto Scroll function is on, information automatically scrolls across the display as follows:

- The disc name appears when the disc has changed (if the disc name is selected as the display item).
- The track name appears when the track has changed (if the track name is selected as the display item).
- The disc or track name appears depending on the setting when you press (SOURCE) to select an MD or CD TEXT disc.

If you press (DSPL/PTY) to change the display item, the disc or track name of the CD TEXT disc or MD is scrolled automatically whether you set the function on or off.

- 1 During playback, press (MENU).
- 2 Press ↑ or ↓ repeatedly until "A.Scr1" appears.
- 3 Press → to select "A.Scr1 on."
- 4 Press (ENTER).

To cancel Auto Scroll, select "A.Scr1 off" in step 3.

Note

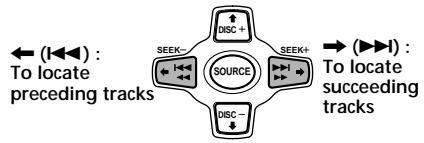
For some CD TEXT discs with very many characters, the following cases may happen:

- Some of the characters are not displayed.
- Auto Scroll does not work.

Locating a specific track

— Automatic Music Sensor (AMS)

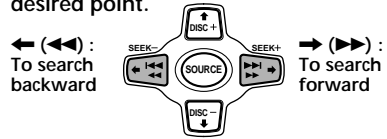
During playback, press ← or → momentarily for each track you want to skip.



Locating a specific point in a track

— Manual Search

During playback, press and hold ← or →. Release when you have found the desired point.



Note

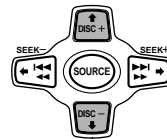
If "⏮" or "⏭" appears in the display, you have reached the beginning or the end of the disc and you cannot go any further.

Locating a disc

— Disc Selection

When an optional CD/MD unit is connected, press ↑ or ↓ to select the desired disc.

↑ (DISC +) : For succeeding discs



↓ (DISC -) : For preceding discs

The desired disc in the current optional CD/MD unit begins playback.

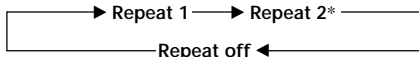
Playing tracks repeatedly

— Repeat Play

The CD in the main unit will automatically repeat itself when it reaches the end. For repeat play, you can select:

- Repeat 1 — to repeat a track.
- Repeat 2 — to repeat a disc in the optional CD/MD unit.

- 1 During playback, press (MENU).
- 2 Press ↑ or ↓ repeatedly until “Repeat” appears.
- 3 Press → repeatedly until the desired setting appears in the display.



* “Repeat 2” is only available when you connect one or more optional CD units, or when you connect the optional MD units.



Repeat Play starts.

To return to normal play mode, select “Repeat off” in step 3.

Tip

If you select the mode using the buttons on the unit, press (1) (REP) repeatedly until the desired mode appears.

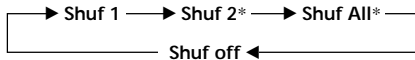
Playing tracks in random order

— Shuffle Play

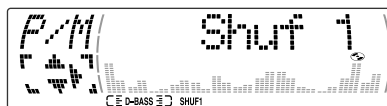
You can select:

- Shuf 1 — to play the tracks on the current disc in random order.
- Shuf 2 — to play the tracks in the current optional CD/MD unit in random order.
- Shuf All — to play all the tracks in all the optional CD/MD units in random order.

- 1 During playback, press (MENU).
- 2 Press ↑ or ↓ repeatedly until “Shuf” appears.
- 3 Press → repeatedly until the desired setting appears in the display.



* “Shuf 2” and “Shuf All” are only available when you connect one or more optional CD units, or when you connect the optional MD units.



Shuffle Play starts.

To return to normal play mode, select “Shuf off” in step 3.

Tip

If you select the mode using the buttons on the unit, press (2) (SHUF) repeatedly until the desired mode appears.

Labelling a CD — Disc Memo

(For a CD unit with the custom file function)

You can label each disc with a personalised name. You can enter up to eight characters for a disc. If you label a CD, you can locate the disc by name (page 14) and select the specific tracks for playback (page 15).

- 1 Start playing the disc you want to label.
- 2 Press **(MENU)**, then press **↑** or **↓** repeatedly until "Name Edit" appears.

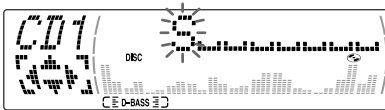
- 3 Press **(ENTER)**.

Name edit mode



- 4 Enter the characters.
 - 1 Press **↑** repeatedly to select the desired characters.

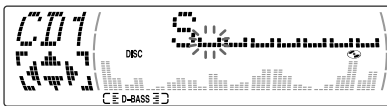
(A → B → C → ... Z → 0 → 1 → 2 → ... 9 → + → - → * → / → \ → > → < → . →)



If you press **↓** repeatedly, the characters will appear in reverse order.

If you want to put a blank space between characters, select " ".

- 2 Press **→** after locating the desired character. The next character flashes.



If you press **←**, the previous character flashes.

- 3 Repeat steps 1 and 2 to enter the entire name.

- 5 To return to normal CD play mode, press **(ENTER)**.

Tips

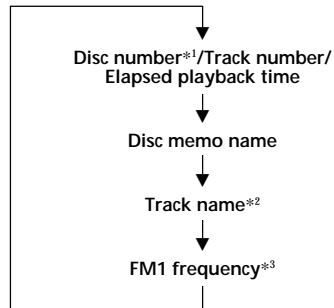
- To erase or correct a name, enter " " for each character.
- There is another way to start labelling a CD. Press **(LIST)** for two seconds instead of steps 2 and 3. You can also complete the operation by pressing **(LIST)** for two seconds instead of step 5.

Displaying the disc memo

Press **(DSPL/PTY)** during CD or CD TEXT disc playback.



Each time you press **(DSPL/PTY)** during CD or CD TEXT disc playback, the item changes as follows:



*1 While an optional CD unit is connected.

**2 If you connect an optional CD unit with the CD TEXT function, the CD TEXT information will appear in the display when you play a CD TEXT disc.

**3 While the AF/TA function is activated.

continue to next page →

Erasing the disc memo

- 1 Press **(SOURCE)** repeatedly to select "CD."
- 2 Press **(MODE)** repeatedly to select the CD unit with the custom file function.
- 3 Press **(MENU)**, then press **↑** or **↓** repeatedly until "Name Del" appears.
- 4 Press **(ENTER)**.
- 5 Press **↑** or **↓** repeatedly to select the disc name you want to erase.
- 6 Press **(ENTER)** for two seconds.
The name is erased.
Repeat steps 5 and 6 if you want to erase other names.
- 7 Press **(MENU)** twice.
The unit returns to normal CD play mode.

Note

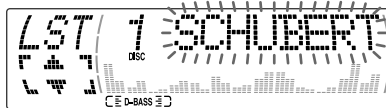
When a personalised label is erased, the original CD TEXT information will appear in the display.

Locating a disc by name

— List-up (For a CD unit with the custom file function or an MD unit)

You can use this function for discs that have been assigned a custom name. For more information on disc memo names, refer to "Labelling a CD" (page 13).

- 1 Press **(LIST)**.
The name assigned to the current disc appears in the display.



When you assign a disc memo name to a CD TEXT disc, it takes priority over the original CD TEXT information.

- 2 Press **↑** (DISC +) or **↓** (DISC -) repeatedly until you find the desired disc.
- 3 Press **(ENTER)** to play the disc.

Notes

- The track names are not displayed during CD TEXT disc or MD playback.
- If there are no discs in the magazine, "NO Disc" appears in the display.
- If a disc has not been assigned a custom file, "*****" appears in the display.
- Some letters cannot be displayed during CD TEXT disc or MD playback.

Selecting specific tracks for playback

— Bank

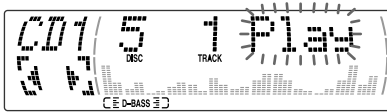
(For a CD unit with the custom file function)

If you label the disc, you can set the unit to skip or play the tracks of your choice.

- 1 Start playing the disc you want to label.
- 2 Press **(MENU)**, then press **↑** or **↓** repeatedly until “Bank Sel” appears.

- 3 Press **(ENTER)**.

Bank edit mode



- 4 Label the tracks.
 - 1 Press **←** or **→** repeatedly to select the track you want to label.
 - 2 Press **(ENTER)** repeatedly to select “Play.”
- 5 Repeat step 4 to set “Play” or “Skip” for all the tracks.
- 6 Press **(MENU)** twice.
The unit returns to normal CD play mode.

Notes

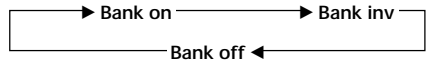
- You can set “Play” and “Skip” for up to 24 tracks.
- You cannot set “Skip” for all the tracks on a CD.

Playing specific tracks only

You can select:

- “Bank on” — to play the tracks with the “Play” setting.
- “Bank inv” (Inverse) — to play the tracks with the “Skip” setting.

- 1 During playback, press **(MENU)**, then press **↑** or **↓** repeatedly until “Bank” appears.
- 2 Press **→** repeatedly until the desired setting appears.



- 3 Press **(ENTER)**.
Playback starts from the track following the current one.

To return to normal play mode, select “Bank off” in step 2.

Memorising only the desired stations

You can preset up to 18 FM stations (six each for FM1, FM2, and FM3), up to 6 MW stations, and up to 6 LW stations in the order of your choice.

Memorising stations automatically

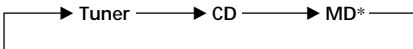
— Best Tuning Memory (BTM)

The unit selects the stations with the strongest signals and memorises them in the order of their frequencies. You can store up to six stations on each band (FM1, FM2, FM3, MW, and LW).

Caution

When tuning in stations while driving, use Best Tuning Memory to prevent accidents.

- 1 Press **(SOURCE)** repeatedly to select the tuner.
Each time you press **(SOURCE)**, the source changes as follows:



* If the corresponding optional equipment is not connected, this item will not appear.

- 2 Press **(MODE)** repeatedly to select the band.
Each time you press **(MODE)**, the band changes as follows:



- 3 Press **(MENU)**, then press **↑** or **↓** repeatedly until “BTM” appears.
- 4 Press **(ENTER)**.
The unit stores stations in the order of their frequencies on the number buttons.
A beep sounds when the setting is stored.

Notes

- The unit does not store stations with weak signals. If only a few stations can be received, some number buttons will retain their former setting.
- When a number is indicated in the display, the unit starts storing stations from the one currently displayed.
- If a CD is not in the unit, only the tuner band appears even if you press **(SOURCE)**.

- 1 Press **(SOURCE)** repeatedly to select the tuner.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Press **◀** or **▶** of the unit to tune in the station that you want to store on the number button.
- 4 Press the desired number button (**①** to **⑥**) of the unit until “MEM” appears.
The number button indication appears in the display.

Note

If you try to store another station on the same number button, the previously stored station will be erased.

Receiving the memorised stations

- 1 Press **(SOURCE)** repeatedly to select the tuner.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Press **↑** (preset up) or **↓** (preset down) repeatedly to receive the stations in the order they are stored in the memory.

Tip

If you select memorising the station using the buttons of the unit, press the number button **(1)** to **(6)** on which the desired station is stored.

If you cannot tune in a preset station

Press **←** or **→** to search for the station (automatic tuning).

Scanning stops when the unit receives a station. Press **←** or **→** repeatedly until the desired station is received.

Note

If the automatic tuning stops too frequently, press **(MENU)**, then press **↑** or **↓** repeatedly until "Local" (local seek mode) is displayed. Then press **→** to select "Local on." Press **(ENTER)**. Only the stations with relatively strong signals will be tuned in.

Tips

- When you select the "Local on" setting, "LCL Seek" appears while the unit is searching for a station.
- If you know the frequency of the station you want to listen to, press and hold **←** or **→** until the desired frequency appears (manual tuning).

If FM stereo reception is poor

— Monaural Mode

- 1 During radio reception, press **(MENU)**, then press **↑** or **↓** repeatedly until "Mono" appears.
- 2 Press **→** until "Mono on" appears. The sound improves, but becomes monaural ("ST" disappears).
- 3 Press **(ENTER)**.

To return to normal mode, select "Mono off" in step 2.

Tip

The Motion Display mode can be turned off. (See “Changing the sound and display settings” on page 31.)

Overview of the RDS function

Radio Data System (RDS) is a broadcasting service that allows FM stations to send additional digital information along with the regular radio programme signal. Your car stereo offers you a variety of services. Here are just a few: retuning the same programme automatically, listening to traffic announcements, and locating a station by programme type.

Notes

- Depending on the country or region, not all of the RDS functions are available.
- RDS may not work properly if the signal strength is weak or if the station you are tuned to is not transmitting RDS data.

Displaying the station name

The name of the current station lights up in the display.

Select an FM station (page 16).

When you tune in an FM station that transmits RDS data, the station name appears in the display.



Note

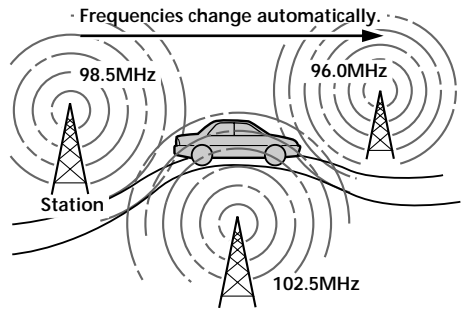
The “*” indication means that an RDS station is being received.

After you select the desired item, the display will automatically change to the Motion Display mode after a few seconds. In the motion display mode, all the items are scrolled in the display one by one in order.

Retuning the same programme automatically

— Alternative Frequencies (AF)

The Alternative Frequencies (AF) function automatically selects and retunes the station with the strongest signal in a network. By using this function, you can continuously listen to the same programme during a long-distance drive without having to retune the station manually.



1 Select an FM station (page 16).

2 Press **(AF/TA)** repeatedly until “AF on” appears.

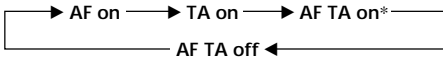
The unit starts searching for an alternative station with a stronger signal in the same network.

Tip

If you select the mode using the buttons on the unit, press **(AF)** until “AF on” appears.

Changing the display item

Each time you press **(AF/TA)**, the item changes as follows:



* Select this to turn on both the AF and TA functions.

Tips

- Each time you press **(AF)** on the unit, the item changes as follows:
AF on ↔ AF off
- Each time you press **(TA)** on the unit, the item changes as follows:
TA on ↔ TA off

Notes

- When there is no alternative station in the area and you do not need to search for an alternative station, turn the AF function off by pressing **(AF/TA)** repeatedly until "AF TA off" appears.
- When "NO AF" and the station name flash alternately, it means that the unit cannot find an alternative station in the network.
- If the station name starts flashing after selecting a station with the AF function on, this indicates that no alternative frequency is available. Press **←** or **→** while the station name is flashing (within eight seconds). The unit starts searching for another frequency with the same PI (Programme Identification) data ("PI Seek" appears and no sound is heard). If the unit cannot find another frequency, "NO PI" appears, and the unit returns to the previously selected frequency.

Listening to a regional programme

The "REG on" (regional on) function lets you stay tuned to a regional programme without being switched to another regional station. (Note that you must turn the AF function on.) The unit is factory preset to "REG on," but if you want to turn off the function, do the following.

1 During radio reception, press **(MENU)**, then press **↑** or **↓** repeatedly until "REG" appears.

2 Press **→** until "REG off" appears.

3 Press **(ENTER)**.

Note that selecting "REG off" might cause the unit to switch to another regional station within the same network.

To return to regional on, select "REG on" in step 2.

Note

This function does not work in the United Kingdom and in some other areas.

Local link function (United Kingdom only)

The Local Link function lets you select other local stations in the area, even if they are not stored on your number buttons.

1 Press a number button of the unit that has a local station stored on it.

2 Within five seconds, press the number button of the local station again.

3 Repeat this procedure until the desired local station is received.

Listening to traffic announcements

The Traffic Announcement (TA) and Traffic Programme (TP) data let you automatically tune in an FM station that is broadcasting traffic announcements even if you are listening to other programme sources.

Press **(AF/TA)** repeatedly until "TA on" or "AF TA on" appears.

The unit starts searching for traffic information stations. "TP" appears in the display when the unit finds a station broadcasting traffic announcements. When the traffic announcement starts, "TA" flashes. The flashing stops when the traffic announcement is over.

Tips

- If the traffic announcement starts while you are listening to another programme source, the unit automatically switches to the announcement and goes back to the original source when the announcement is over.
- If you select the mode using the buttons on the unit, press **(TA)** until "TA on" appears.

Note

"NO TP" flashes for five seconds if the received station does not broadcast traffic announcements. Then, the unit starts searching for a station that broadcasts it.

To cancel the current traffic announcement

Press **(AF/TA)**.

To cancel all traffic announcements, turn off the function by pressing **(AF/TA)** until "AF TA off" appears.

Presetting the volume of traffic announcements

You can preset the volume level of the traffic announcements beforehand so you won't miss the announcement. When a traffic announcement starts, the volume will be automatically adjusted to the preset level.

- 1 Select the desired volume level.
- 2 Press **(AF/TA)** for two seconds. "TA" appears and the setting is stored.

Receiving emergency announcements

If an emergency announcement comes in while you are listening to the radio, the programme will be automatically switched to it. If you are listening to a source other than the radio, the emergency announcements will be heard if you set AF or TA to on. The unit will then automatically switch to these announcements no matter which source you are listening to at the time.

Presetting the RDS stations with the AF and TA data

When you preset RDS stations, the unit stores each station's data as well as its frequency, so you don't have to turn on the AF or TA function every time you tune in the preset station. You can select a different setting (AF, TA, or both) for individual preset stations, or the same setting for all preset stations.

Presetting the same setting for all preset stations

- 1 Select an FM band (page 16).
- 2 Press **(AF/TA)** repeatedly to select either "AF on," "TA on" or "AF TA on" (for both AF and TA functions).
Note that selecting "AF TA off" stores not only RDS stations, but also non-RDS stations.

Tip
If you select the mode using the buttons on the unit, press **(AF)** and/or **(TA)** to select "AF on" and/or "TA on." Note that selecting "AF off" or "TA off" stores not only RDS stations, but also non-RDS stations.

- 3 Press **(MENU)**, then press **↑** or **↓** repeatedly until "BTM" appears.
- 4 Press **➡** until "BTM" flashes.
- 5 Press **(ENTER)**.

Presetting different settings for each preset station

- 1 Select an FM band, and tune in the desired station (page 16).
- 2 Press **(AF/TA)** repeatedly to select either "AF on," "TA on" or "AF TA on" (for both AF and TA functions).

Tip
If you select the mode using the buttons on the unit, press **(AF)** and/or **(TA)** to select "AF on" and/or "TA on."

- 3 Press the desired number button of the unit until "MEM" appears.
Repeat from step 1 to preset other stations.

Tip
If you want to change the preset AF and/or TA setting after you tune in the preset station, you can do so by turning the AF or TA function on or off.

Locating a station by programme type

You can locate the station you want by selecting one of the programme types shown below.

Programme types	Display
News	News
Current Affairs	Affairs
Information	Info
Sports	Sport
Education	Educate
Drama	Drama
Culture	Culture
Science	Science
Varied	Varied
Popular Music	Pop M
Rock Music	Rock M
Easy Listening	Easy M
Light Classical	Light M
Classical	Classics
Other Music Type	Other M
Weather	Weather
Finance	Finance
Children's Programmes	Children
Social Affairs	Social A
Religion	Religion
Phone In	Phone IN
Travel	Travel
Leisure	Leisure
Jazz Music	Jazz
Country Music	Country
National Music	Nation M
Oldies Music	Oldies
Folk Music	Folk M
Documentary	Document
Not specified	None

Note

You cannot use this function in some countries where no PTY (Programme Type selection) data is available.

- 1 Press **(DSPL/PTY)** during FM reception until "PTY" appears.



The current programme type appears if the station is transmitting the PTY data. "-----" appears if the received station is not an RDS station, or if the RDS data has not been received.

- 2 Press **↑** or **↓** repeatedly until the desired programme type appears.

The programme types appear in the order shown in the table. Note that you cannot select "None" (Not specified) for searching.



- 3 Press **(ENTER)**.

The unit starts searching for a station broadcasting the selected programme type.

Setting the clock automatically

The CT (Clock Time) data from the RDS transmission sets the clock automatically.

- 1 During radio reception, press **(MENU)**, then press **↑** or **↓** repeatedly until "CT" appears.



- 2 Press **→** repeatedly until "CT on" appears. The clock is set.



- 3 Press **(ENTER)** to return to the normal display.

To cancel the CT function

Select "CT off" in step 2.

Notes

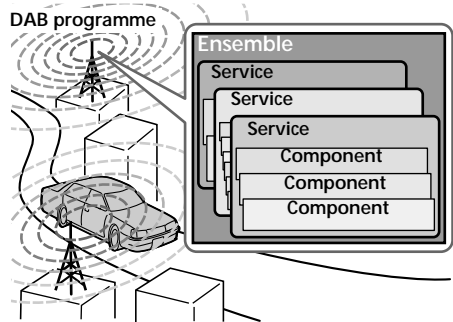
- The CT function may not work even though an RDS station is being received.
- There might be a difference between the time set by the CT function and the actual time.

With optional equipment DAB

Overview of DAB

DAB (Digital Audio Broadcasting) is a new multimedia broadcasting system that transmits audio programmes with a quality comparable to that of CDs. This is made possible by the use of a microcomputer in the DAB tuner which uses the radio signals sent from multiple aerials and multi-path signals (reflected radio waves) to boost the strength of the main signal. This makes DAB almost immune to radio interference even in a moving object such as a car.

Each DAB station bundles radio programmes (services) into an ensemble which it then broadcasts. Each service contains one or more components. All ensembles, services, and components are identified by name, so you can access any of them without having to know their frequencies.



Notes

- The DAB system is actually in a testing phase. This means some services have not been sufficiently defined or are presently being tested. At present, such services are not supported by the optional DAB tuner unit XT-100DAB.
- DAB programmes are broadcast in Band-III (174 to 240 MHz) and L-Band (1,452 to 1,492 MHz), with each band divided into channels (41 in Band-III and 23 in L-Band). One ensemble is broadcast per channel by each DAB station.
- When you change the mode from FM3 to DAB, all the AF TA modes stay active.
- When you change any of the AF TA modes in DAB, that mode stays active in FM1.

Basic operations of DAB

Searching for the Ensemble and Service

— Automatic Tuning

- 1 Press **(SOURCE)** repeatedly to select the tuner.
- 2 Press **(MODE)** repeatedly to select "DAB."
- 3 Press and hold **←** or **→** until "Seek +" or "Seek -" appears.



- 4 Press **←** or **→** to search the desired service.

Note

The "📶" indication flashes while the unit is searching for the Ensemble.

Selecting the Ensemble

— Manual Tuning

If you know the channel number of Ensemble, follow the procedure below to tune in.

- 1 Press **(SOURCE)** repeatedly to select the tuner.
- 2 Press **(MODE)** repeatedly to select "DAB."
- 3 Press **↑** or **↓** until "Ch. XXX" appears.



- 4 Press **↑** or **↓** repeatedly until the desired channel number appears.

Tips

- More than one channel may broadcast the same Ensemble.
- If you select the Ensemble service but cannot receive it, the "📶" indication flashes.

Receiving the memorised services






Following procedure is available after presetting the service. For details on presetting the services, refer to "Presetting DAB services automatically," (page 25) and "Presetting DAB services manually" (page 25).

- 1 Press **(SOURCE)** repeatedly to select the tuner.
- 2 Press **(MODE)** repeatedly to select "DAB."
- 3 Press **↑** or **↓** repeatedly to select the preset service.

Tip

There is another way to receive the preset service. Press the number buttons (① to ⑥) of the unit on which the desired service is stored.

The receiving mode of the DAB tuner is displayed according to the chart below:

Indication	Level	Receive mode
 (flash)	0	cannot receive
	1	poor reception
	2	so-so
	3	moderate
	4	good reception

Presetting DAB services automatically — BTM

The BTM (Best Tuning Memory) function picks out DAB ensembles and automatically assigns the services within the ensembles to preset service numbers. The unit can preset up to 40 services. If services have been previously set, the BTM function operates under the following conditions:

- If you activate the BTM function while listening to a preset service, the unit will store detected services (by overwriting) only to preset numbers higher than that of the current present service.
- If you activate the function while listening to a service that is not preset, the unit will replace the contents of all preset numbers.
- In both cases above, if the unit detects a service that is identical to one already preset, the previously stored service remains unchanged and the newly detected service is not preset.

1 While listening to a DAB programme, press **(MENU)**.

2 Press **↑** or **↓** repeatedly until "BTM" appears.

3 Press **(ENTER)**.

A beep sounds when the service is stored. After activating the BTM function, the unit tunes the service assigned in the preset memory 1 automatically.

Note

If the unit can only tune in a few services, the BTM function may not assign services to all the preset service numbers.

Presetting DAB services manually — Manual Preset Memory

You can also preset DAB services manually or delete a service which is already preset. Note that up to 40 services (preset either by the BTM function or manually) can be preset to the unit's memory.

1 While listening to a DAB programme, press **(MENU)**.

2 Press **↑** or **↓** repeatedly until "PresetEdit" appears, then press **(ENTER)**.

3 Select the service and the preset number you want to preset.

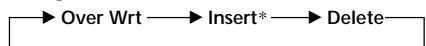
① Press **←** or **→** to select the service.

② Press **↑** or **↓** to select the preset number.

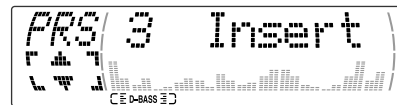


③ Press **(ENTER)**.

4 Press **↑** or **↓** to select "Over Wrt." Each time you press **↓**, the edit command changes as follows:



* "Insert" does not appear if the maximum number of services (40) is already preset in memory.



To preset other services, repeat steps 3 and 4.

5 Press **(ENTER)**.

continue to next page →

Replacing the services in preset memories

Press **↑** or **↓** to select “Over Wrt” in step 4, then press **(ENTER)**.

Adding the services in preset memories

Press **↑** or **↓** to select “Insert” in step 4, then press **(ENTER)**.

Erasing the services in preset memories

Press **↑** or **↓** to select “Delete” in step 4, then press **(ENTER)**.

Tip

There is another way to preset the service. After receiving the service, press the number buttons (1) to (6) of the unit until a beep sounds.

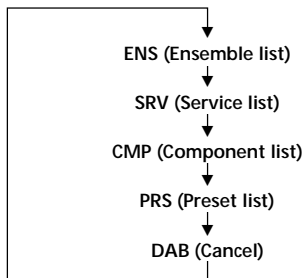
Tip

To check the name of the current component, ensemble or service, press **(LIST)** repeatedly until the respective list appears in the display. The name of the currently selected item flashes.

Changing the display item

When you press **(LIST)** once, the list selected last time appears.

Each time you press **(LIST)**, the list changes as follows:



Listening to a DAB programme

Follow the procedure below to tune in a DAB programme manually.

You can also store DAB services in the unit's memory for instant tuning (see “Presetting DAB services automatically (BTM)” on page 25).

- 1 While listening to a DAB programme, press **(LIST)** repeatedly until the Ensemble List appears.
- 2 Press **↑** or **↓** until the desired ensemble appears, then press **(ENTER)**.
- 3 Press **(LIST)** repeatedly to until the Service List appears.
- 4 Press **↑** or **↓** repeatedly until the desired service appears, then press **(ENTER)**.
- 5 Press **(LIST)** repeatedly until the Component List appears.
- 6 Press **↑** or **↓** until the desired component appears, then press **(ENTER)**.

Automatic updating of the ensemble list

When you perform the BTM function for the first time, all the ensembles available in your area are automatically stored. When you perform the BTM function again, the contents of these lists are updated in accordance with the conditions described on page 25.

An ensemble is added to the respective list when it is received during Automatic Tuning or Manual Tuning but is unlisted.

An unlisted ensemble is also deleted from the respective list when:

- you select an ensemble from the list, but it cannot be received.
- you perform Automatic Tuning or Manual Tuning to receive a listed ensemble, service, or the component, but it cannot be received.

Settings on the audio reception

DAB can contain multi-channel audio. You can select main or sub-channel for reception. Also, if you turn on the DRC (Dynamic Range Control) function, the dynamic range on the service which supports DRC can automatically be extended.

The following items can be set:

- Main/Sub — to selects channel between “Main” (main-channel) and “Sub” (sub-channel).
- DRC — to turn on or off the function.

1 While listening to a DAB programme, press **(MENU)**.

2 Press **↑** or **↓** repeatedly until “DRC” or “Main (or Sub)” appears.

3 Press **←** or **→** to select the desired setting (Example: “on” or “off”).

4 Press **(ENTER)**.

Note

“Main (or Sub)” appears in the menu only when the unit is receiving a multi-channel programme.

Locating a DAB service by programme type (PTY)

You can use the PTY (Programme type selection) function to tune in the programme you want.

1 While listening to a DAB programme, press **(DSPL/PTY)**.

2 Press **↑** or **↓** repeatedly to select the programme type.



The programme types appear in the order shown on the page 22.

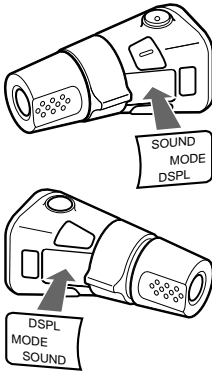
3 Press **(ENTER)**.

Other Functions

You can also control the unit with a rotary commander (optional).

Labelling the rotary commander

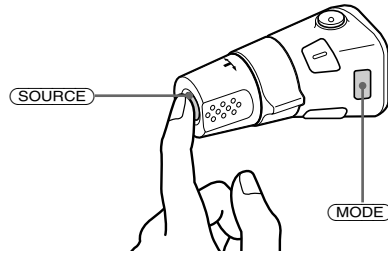
Depending on how you mount the rotary commander, attach the appropriate label as shown in the illustration below.



Using the rotary commander

The rotary commander works by pressing buttons and/or rotating controls. You can also control an optional CD/MD unit with the rotary commander.

By pressing buttons (the SOURCE and MODE buttons)



Each time you press **(SOURCE)**, the source changes as follows:

Tuner → CD → MD*

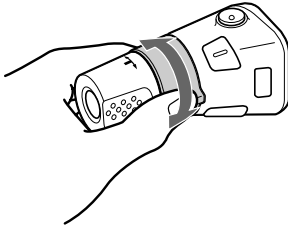
* If the corresponding optional equipment is not connected, this item will not appear.

Pressing **(MODE)** changes the operation in the following ways:

- Tuner: FM1 → FM2 → FM3 → MW → LW
- CD unit: CD1 → CD2 → ...
- MD unit*: MD1 → MD2 → ...

* If the corresponding optional equipment is not connected, the item will not appear.

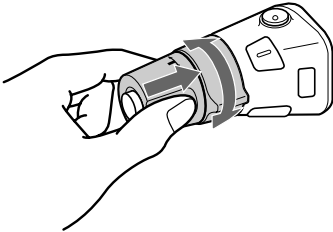
By rotating the control (the SEEK/AMS control)



Rotate the control momentarily and release it to:

- Locate a specific track on a disc. Rotate and hold the control until you locate the specific point in a track, then release it to start playback.
- Tune in stations automatically. Rotate and hold the control to find a specific station.

By pushing in and rotating the control (the PRESET/DISC control)

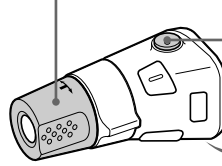


Push in and rotate the control to:

- Receive the stations memorised on the number buttons.
- Change the disc.

Other operations

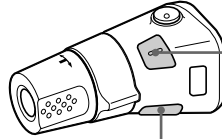
Rotate the VOL control to adjust the volume.



Press **(ATT)** to attenuate the sound.



Press **(OFF)** to turn off the unit.



Press **(SOUND)** to adjust sound menu.



Press **(DSPL)** to display the memorised names.

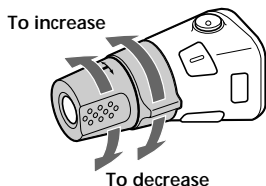
Tip

If your car has no ACC (accessory) position on the ignition key switch, be sure to press **(OFF)** for two seconds to turn off the clock indication after turning off the engine.

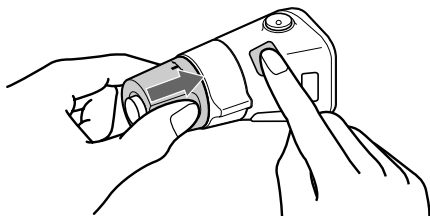
continue to next page →

Changing the operative direction

The operative direction of controls is factory-set as shown below.



If you need to mount the rotary commander on the right hand side of the steering column, you can reverse the operative direction.



Press **(SOUND)** for two seconds while pushing the VOL control.

Tip

You can also change the operative direction of these controls with the unit (see "Changing the sound and display settings" on page 31).

Adjusting the sound characteristics

You can adjust the bass, treble, balance, and fader.

You can store the bass and treble levels independently for each source.

1 Select the item you want to adjust by pressing **(SOUND)** repeatedly.

Each time you press **(SOUND)**, the item changes as follows:

BAS (bass) → TRE (treble) → BAL (left-right) → FAD (front-rear)

2 Adjust the selected item by pressing **←** or **→**.

When adjusting with the rotary commander, press **(SOUND)** and rotate the VOL control.

Note

Adjust within three seconds after selecting the item.

Attenuating the sound

Press **(ATT)** on card remote commander or the rotary commander.

"ATT on" appears momentarily.

To restore the previous volume level, press **(ATT)** again.

Tip

When the interface cable of a car telephone is connected to the ATT lead, the unit decreases the volume automatically when a telephone call comes in (Telephone ATT function).

Changing the sound and display settings

The following items can be set:

Set (setting)

- Clock (page 9)
- CT (Clock Time) (page 23)
- Beep — to turn the beeps on or off.
- RM (Rotary Commander) — to change the operative direction of the controls of the rotary commander.
 - Select “norm” to use the rotary commander as the factory-set position.
 - Select “rev” when you mount the rotary commander on the right side of the steering column.
- English/Spanish/Portuguese/Swedish — to change the display language to English, Spanish, Portuguese or Swedish.

Dis (Display)

- Dimmer — to change the brightness of the display.
 - Select “Auto” to dim the display only when you turn the lights on.
 - Select “on” to dim the display.
 - Select “off” to deactivate Dimmer.
- Contrast — to adjust the contrast if the indications in the display are not recognisable because of the unit’s installed position.
- D.Info (Dual Information) — to display the clock and the play mode at the same time (on) or to display the information alternately (off).
- M.Dspl (Motion Display) — to turn the motion display on or off.
- A.Scr1 (Auto Scroll)*¹ (page 11)

1 Press **(MENU)**.

2 Press **↑** or **↓** repeatedly until the desired item appears.

Each time you press **↓**, the item changes as follows:

Example

Clock → CT → Beep → RM → English/Spanish/Portuguese/Swedish → D.Info → SA → Dimmer → Contrast → M.Dspl → A.Scr1*

* When no CD or MD is playing, this item will not appear.

Note

The displayed item will differ depending on the source.

Tip

You can easily switch among categories (“Set,” “Snd,” “P/M” (Play Mode) and “Dis”) by pressing **↑** or **↓** for two seconds.

3 Press **(ENTER)**.

After the mode setting is completed, the display returns to normal play mode.

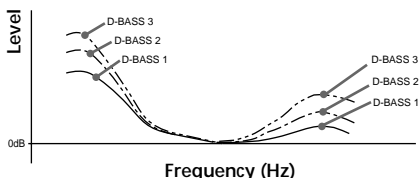
Boosting the bass sound

— D-bass

You can enjoy a clear and powerful bass sound.

The D-bass function boosts the low and high frequency signal with a sharper curve than conventional bass boost.

You can hear the bass line more clearly even while the vocal volume remains the same. You can emphasize and adjust the bass sound easily with the D-BASS button.



Adjusting the bass curve

Press **(D-BASS)** repeatedly to select the desired bass curve.

As the D-BASS number increases so does the effect.

D-BASS 1 → D-BASS 2 → D-BASS 3
→ D-BASS off

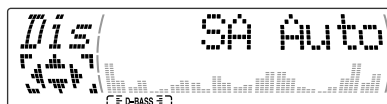
Note

The bass sound may distort at same volume. If the bass sound distorts, select less effective bass curve.

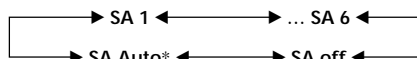
Selecting the spectrum analyser

The sound signal level is displayed on a spectrum analyser. You can select a display pattern from 1 to 6, or the automatic display mode.

- 1 Press **(SOURCE)** to select a source (tuner, CD, or MD).
- 2 Press **(MENU)**.
- 3 Press **↑** or **↓** repeatedly until "SA" appears.



- 4 Press **←** or **→** repeatedly to select the desired setting.



* All of these display patterns appear one by one automatically.

- 5 Press **(ENTER)**.

Adjusting the sound and frequency of the equalizer preamplifier

This unit can also control an optional equalizer preamplifier.

This lets you add some effects to the sound field of the currently selected source.

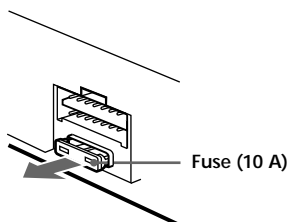
For details, refer to the instructions manual supplied with the equalizer preamplifier.

Additional Information

Maintenance

Fuse replacement

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.



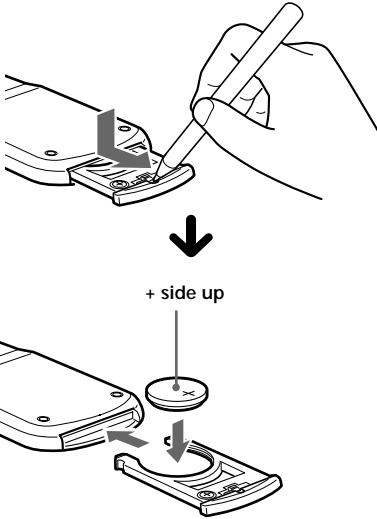
Warning

Never use a fuse with an amperage rating exceeding the one supplied with the unit as this could damage the unit.

continue to next page →

Replacing the lithium battery

When the battery becomes weak, the range of the card remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery.



Notes on lithium battery

- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

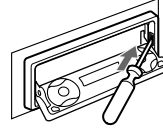
WARNING

Battery may explode if mistreated. Do not recharge, disassemble, or dispose of in fire.

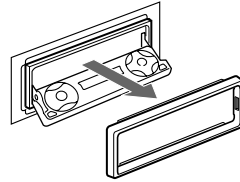
Dismounting the unit

With the front panel open

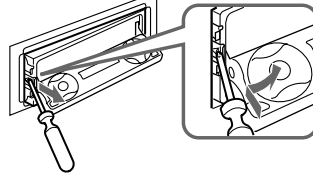
- 1 Press **OPEN** of the unit, then press the clip inside the front cover with a thin screwdriver, and gently pry the front cover free.



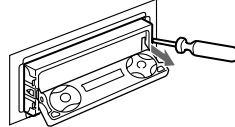
- 2 Repeat step 1 on the left side. The front cover is removed.



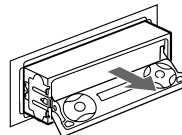
- 3 Use a thin screwdriver to push in the clip on the left side of the unit, then pull out the left side of the unit until the catch clears the mounting.



- 4 Repeat step 3 on the right side.

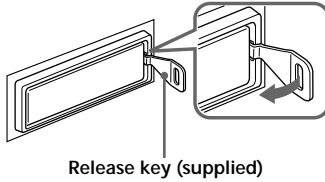


- 5 Slide the unit out of the mounting.

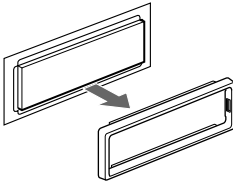


If the front panel does not open because of a blown fuse

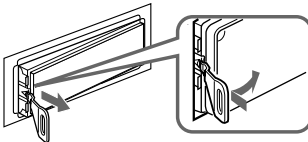
- 1 Press the clip inside the front cover with a release key (supplied), and pry the front cover free.



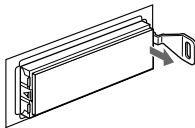
- 2 Repeat step 1 on the left side.
The front cover is removed.



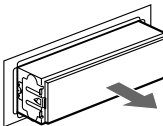
- 3 Use a release key to push in the clip on the left side of the unit, then pull out the left side of the unit until the catch clears the mounting.



- 4 Repeat step 3 on the right side.



- 5 Slide the unit out of the mounting.



Specifications

CD player section

Signal-to-noise ratio	90 dB
Frequency response	10 – 20,000 Hz
Wow and flutter	Below measurable limit

Tuner section

FM

Tuning range	87.5 – 108.0 MHz
Aerial terminal	External aerial connector
Intermediate frequency	10.7 MHz/450 kHz
Usable sensitivity	8 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	66 dB (stereo), 72 dB (mono)
Harmonic distortion at 1 kHz	0.6 % (stereo), 0.3 % (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz

MW/LW

Tuning range	MW: 531 – 1,602 kHz LW: 153 – 279 kHz
Aerial terminal	External aerial connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	MW: 30 μ V LW: 40 μ V

Power amplifier section

Outputs	Speaker outputs
Speaker impedance	4 – 8 ohms
Maximum power output	52 W \times 4 (at 4 ohms)

General

Outputs	Audio outputs*1 Power aerial relay control lead Power amplifier control lead
Inputs	Telephone ATT control lead Illumination control lead
Tone controls	Bass \pm 9 dB at 100 Hz Treble \pm 9 dB at 10 kHz
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 178 \times 50 \times 182 mm (w/h/d)
Mounting dimensions	Approx. 182 \times 53 \times 163 mm (w/h/d)
Mass	Approx. 1.5 kg
Supplied accessories	Card remote commander RM-X96 Parts for installation and connections (1 set)
Optional accessories	Rotary commander RM-X4S BUS cable (supplied with an RCA pin cord) RC-61 (1 m), RC-62 (2 m)
Optional equipment	CD changer (10 discs) CDX-848X, CDX-646 CD changer (6 discs) CDX-T68X, CDX-T67 MD changer (6 discs) MDX-65 Source selector XA-C30 DAB tuner unit XT-100DAB Digital equalizer preamplifier XDP-210EQ, XDP-4000X

*1 Equipped with front and rear outputs

Design and specifications are subject to change without notice.

Troubleshooting guide

The following checklist will help you remedy the problems you may encounter with your unit. Before going through the checklist below, check the connection and operating procedures.

General

Problem	Cause/Solution
No sound.	<ul style="list-style-type: none">• Cancel the ATT function.• Set the fader control to the centre position for two-speaker system.• Press \oplus of the VOL button to adjust the volume.
The contents of the memory have been erased.	<ul style="list-style-type: none">• The power cord or battery has been disconnected.• The reset button has been pressed. → Store again into the memory.
No beep sound.	The beep sound is cancelled (page 31).
The sound is noisy.	You are using a mobile phone.

CD/MD playback

Problem	Cause/Solution
A disc cannot be loaded.	<ul style="list-style-type: none">• Another CD is already loaded.• The CD is forcibly inserted upside down or in the wrong way.
Playback does not begin.	Defective MD or dirty CD.
A disc is automatically ejected.	The ambient temperature exceeds 50°C.
CD will not be ejected.	You have closed the front panel or pushed the disc forcibly into the unit while the unit was ejecting the disc after you pressed \blacktriangle . → Press the reset button.
The operation buttons do not function.	Press the reset button.
The sound skips due to vibration.	<ul style="list-style-type: none">• The unit is installed at an angle of more than 60°.• The unit is not installed in a sturdy part of the car.
The sound skips.	A dirty or defective disc.
Cannot turn off the "-----" indication.	You cannot label CDs unless you connect a CD unit with the custom file function. → Press LIST for two seconds.

continue to next page →

Radio reception

Problem	Cause/Solution
Preset tuning is not possible.	<ul style="list-style-type: none">• Store the correct frequency in the memory.• The broadcast signal is too weak.
The stations cannot be received. The sound is hampered by noises.	Connect a power aerial control lead (blue) or accessory power supply lead (red) to the power supply lead of a car's aerial booster (Only when your car has built-in FM/MW/LW aerial in the rear/side glass).
Automatic tuning is not possible.	The broadcast signal is too weak. → Use manual tuning.
The "ST" indication flashes.	<ul style="list-style-type: none">• Tune in the frequency accurately.• The broadcast signal is too weak. → Set to the Mono mode (page 17).

RDS

Problem	Cause/Solution
The SEEK starts after a few seconds of listening.	The station is non-TP or has weak signal. → Press (AF/TA) to select "AF TA off."
No traffic announcements.	<ul style="list-style-type: none">• Activate "TA."• The station does not broadcast any traffic announcements despite being TP. → Tune to another station.
PTY displays "None."	The station does not specify the programme type.

Error displays (when an optional CD/MD unit is connected)

The following indications will flash for about five seconds, and an alarm sound will be heard.

Display	Cause	Solution
NO Mag	The disc magazine is not inserted in the CD/MD unit.	Insert the magazine in the CD/MD unit.
NO Disc	No disc is inserted in the CD/MD unit.	Insert discs in the CD/MD unit.
NG Discs	A CD/MD cannot play because of some problem (dirty CD, defective MD etc.).	Insert another CD/MD.
Error ^{*1}	A CD is dirty or inserted upside down. ^{*2}	Clean or insert the CD correctly.
	An MD does not playback because of some problem. ^{*2}	Insert another MD.
Blank ^{*1}	No tracks have been recorded on an MD. ^{*2}	Play an MD with recorded tracks on it.
PushReset	The CD/MD unit cannot be operated because of some problem.	Press the reset button on the unit.
Not Ready	The lid of the MD unit is open or the MDs are not inserted properly.	Close the lid or insert the MDs properly.
High Temp	The ambient temperature is more than 50°C.	Wait until the temperature goes down below 50°C.

^{*1} When an error occurs during playback of an CD or MD, the disc number of the CD or MD does not appear in the display.

^{*2} The disc number of the disc causing the error appears in the display.

If the above-mentioned solutions do not help improve the situation, consult your nearest Sony dealer.

