

SONY[®]

3-856-118-41 (2)

FM/AM Compact Disc Player

Operating Instructions _____

EN

Owner's Record

The model and serial numbers are located on the bottom of the unit.
Record the serial number in the space provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

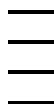
Model No. CDX-C810DSP Serial No. _____

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



CDX-C810DSP

© 1996 by Sony Corporation



Actual total number: _____

Sony CDX-C810DSP (E) 3-856-118-41(2)

Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION

The use of optical instruments with this product will increase eye hazard.

Welcome !

Thank you for purchasing the Sony Compact Disc Player. This unit lets you enjoy a variety of features by using either a rotary remote or a wireless remote.

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

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EN

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 ball-point pen.



Reset button

Note

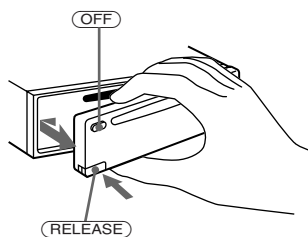
When you connect the power supply cord to the unit or reset the unit, wait for about 10 seconds before you insert a disc. Do not insert a disc within these 10 seconds, otherwise, the unit will not be reset.

EN

Detaching the front panel

You can detach the front panel of this unit to prevent the unit from being stolen.

- 1 Press **OFF**.
- 2 Press **RELEASE** to open up the front panel. Then slide the front panel a little to the left, and pull it off towards you.

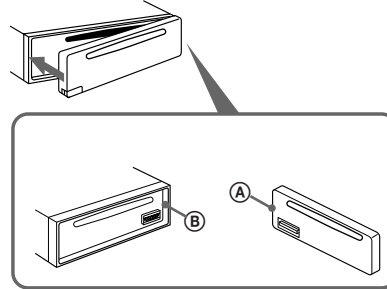


Notes

- Be sure not to drop the panel when detaching it from the unit.
- If you press **RELEASE** to detach the panel while the unit is still on, the unit will turn off automatically to prevent the speakers from being damaged.

Attaching the front panel

Align part **A** of the front panel to part **B** of the unit as illustrated, and push until it clicks.



Notes

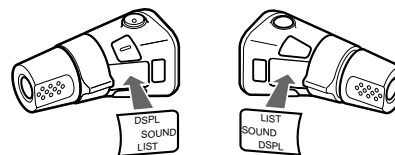
- Be sure not to attach the front panel upside down.
- Do not press the front panel hard against the unit when attaching it. Press it lightly against the unit.
- When you carry the front panel with you, put it in the supplied front panel case.
- Do not press hard or put excessive pressure on the display windows of the front panel.
- Do not expose the front panel to direct sunlight, heat sources such as hot air ducts, and do not leave it in a humid place. Never leave it on the dashboard of a car parked in direct sunlight where there may be a considerable rise in temperature.

Caution alarm

If you turn the ignition key switch to the OFF position without removing the front panel, the caution alarm will beep for a few seconds (only when the POWER SELECT switch is set to the **A** position).

Preparing the rotary remote

When you mount the rotary remote attach the label in the illustration below.

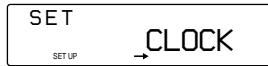


Setting the clock

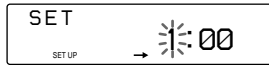
The clock has a 12-hour digital indication.

Example: Set the clock to 10:08

- 1 Press (SHIFT), then press (2) (SET UP).



- 1 Press (4) (→).

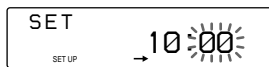


The hour digit flashes.

- 2 Set the hour.

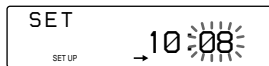


- 3 Press (4) (→).

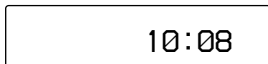


The minute digits flash.

- 4 Set the minute.



- 2 Press (SHIFT).



The clock starts.

Note

If the POWER SELECT switch on the bottom of the unit is set to the (B) position, turn the power on first, then set the clock.

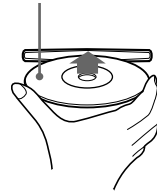
CD Player

Listening to a CD

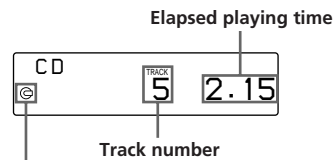
Simply insert the CD.

Playback will start automatically.

Labeled side up



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



CD is already inserted

Note

To play back an 8 cm (3 in.) CD, use the optional Sony compact disc single adapter (CSA-8).

To	Press
Stop playback	▲ or (OFF)
Eject the CD	▲

Changing the displayed items

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

Track number ↔ Clock

Locating a specific track

— Automatic Music Sensor (AMS)

During playback, press either side of (SEEK/AMS) momentarily.



To locate succeeding tracks

To locate previous tracks

EN

Getting Started/CD Player

Actual total number:

Sony CDX-C810DSP (E) 3-856-118-41 (2)

Locating a specific point in a track — Manual Search

During playback, press and hold either side of (SEEK/AMS). Release the button when you have found the desired point.



To search forward

To search backward

Note

If "LLLL" or "TTTT" appears in the display, that means you have reached the beginning or the end of the disc and you cannot go any further.

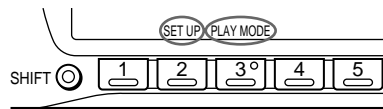
Playing a CD in various modes

You can play CDs in various modes:

- INTRO (Intro Scan) lets you play the first 10 seconds of all the tracks.
- REP (Repeat Play) repeats the current track.
- SHUF (Shuffle Play) plays all the tracks in random order.

1 Press (SHIFT).

Every time you press (SHIFT), only the items you can select light up.



2 Press (3) (PLAY MODE) repeatedly until the desired play mode appears.

Each time you press (3) (PLAY MODE), the item changes as follows:

INTRO → REP → SHUF → PGM → DSM SET



3 Press (4) (→) to select "ON."



Playback starts.

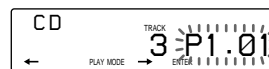
To go back to the normal playback mode, select "OFF" in step 3 above.

Creating a program

— CD Program Memory

You can play the tracks in the order you want by making your own program. You can make two programs: Program 1 and Program 2. You can select up to 12 tracks in each program. You can store the programs in memory.

1 Press (SHIFT), then press (3) (PLAY MODE) for two seconds.

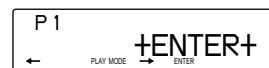


"P 1" shows Program 1 is selected.

To select Program 2, press (4) (→) repeatedly until "P 2" appears.

2 Press either side of (SEEK/AMS) to select the track you want.

3 Press (5) (ENTER) momentarily.



4 To continue entering tracks, repeat steps 2 and 3.

5 When you finish selecting tracks, press (3) (PLAY MODE) for two seconds.

Notes

- "*Wait*" appears in the display while the unit is reading the data.
- "*Mem Full*" appears in the display when you try to enter more than 12 tracks into a program at one time.

Playing the stored program

You can select:

- PGM 1 to play Program 1.
- PGM 2 to play Program 2.
- PGM 1+2 to play Programs 1 and 2.

1 Press (SHIFT).

2 Press (3) (PLAY MODE) repeatedly until "PGM" appears.

- 3 Press (4) (→) repeatedly until the desired program appears.

Program 1 playback



Program 2 playback



Programs 1 and 2 playback



Normal playback



Program Play starts.

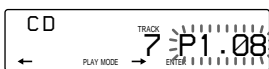
To go back to the normal playback mode, select "PGM OFF" in step 3 above.

Note

"NO Data" appears in the display if no track is stored in the program.

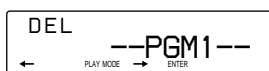
Erasing the entire program

- 1 Press (SHIFT), then press (3) (PLAY MODE) for two seconds.



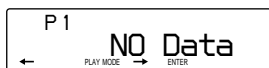
"P 1" shows Program 1 is selected.

- 2 Press (1) (←) repeatedly until "DEL" appears.



To delete Program 2, press (4) (→) repeatedly until "PGM 2" appears.

- 3 Press (5) (ENTER) for two seconds.



The entire program is erased.

- 4 When you finish erasing programs, press (3) (PLAY MODE) for two seconds.

Adding tracks to the program

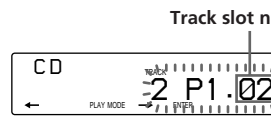
- 1 Press (SHIFT), then press (3) (PLAY MODE) for two seconds.



"P 1" shows Program 1 is selected.

To select Program 2, press (4) (→) repeatedly until "P 2" appears.

- 2 Press (1) (←) or (4) (→) to select the track slot number where you want to insert a track.



- 3 Press either side of (SEEK/AMS) to select the track you want to insert.

- 4 Press (5) (ENTER) momentarily to enter the track.

The current track in that slot number and the succeeding tracks shift down.

To continue inserting tracks, repeat steps 2 through 4.

Note

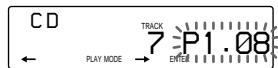
Once all 12 slots have been filled, "*Mem Full*" appears in the display, and you cannot insert tracks.

- 5 When you finish inserting tracks, press (3) (PLAY MODE) for two seconds.

continue to next page →

Erasing the tracks in the program

- 1 Press **(SHIFT)**, then press **(3)** (PLAY MODE) for two seconds.

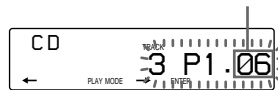


"P 1" shows Program 1 is selected.

To select Program 2, press **(4)** (→) repeatedly until "P 2" appears.

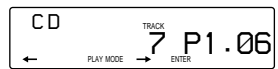
- 2 Press **(1)** (←) or **(4)** (→) to select the track you want to erase.

Track slot number



The track currently registered in slot 6 of Program 1.

- 3 Press **(5)** (ENTER) for two seconds. When you erase a track from a slot number, the succeeding tracks shift up to fill the gap.



- 4 To continue erasing tracks, repeat steps 2 and 3.

- 5 When you finish erasing tracks, press **(3)** (PLAY MODE) for two seconds.

Radio

Memorizing stations automatically

— Best Tuning Memory (BTM)

The unit selects the stations with the strongest signals and memorizes them in the order of their frequencies. You can store up to 10 stations on each band (FM1, FM2 and AM).

Caution

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

- 1 Press **(SOURCE)** repeatedly to select the desired band (FM1, FM2 or AM).

- 2 Press **(SHIFT)**, then press **(6)** (BTM). The unit stores stations in the order of their frequencies on the number buttons.

Notes

- The unit does not store stations with weak signals. If only a few stations are received, some preset number buttons remain empty.
- When a preset number is indicated in the display, the unit starts storing stations from the one currently displayed.

Memorizing only the desired stations

You can store up to 10 stations on each band (20 for FM1 and FM2, 10 for AM) in the order of your choice.

- 1 Press **(SOURCE)** repeatedly to select the desired band.

- 2 Press either side of **(SEEK/AMS)** to tune in the station that you want to store on the number button.

- 3 Keep the desired number button (**(1)** to **(10)**) pressed for two seconds until you hear a beep tone.

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 memorized stations

- 1 Press **(SOURCE)** repeatedly to select the desired band.
- 2 Press the number button (**(1)** to **(10)**) momentarily where the desired station is stored.

If you cannot tune in a preset station

Press either side of **(SEEK/AMS)** momentarily to search for the station (automatic tuning).

Scanning stops when the unit receives a station. Press either side of **(SEEK/AMS)** repeatedly until the desired station is received.

Note

If the automatic tuning stops too frequently, press **(SHIFT)**, then press **(3)** (PLAY MODE) repeatedly until "LOCAL" (local seek mode) is displayed. Then press **(4)** (→) to select "ON."
Only the stations with relatively strong signals will be tuned in.

Tip

If you know the frequency of the station you want to listen to, press and hold either side of **(SEEK/AMS)** for two seconds until the desired frequency appears (manual tuning).

If FM stereo reception is poor — Monaural Mode

- 1 Press **(SHIFT)**, then press **(3)** (PLAY MODE) repeatedly until "MONO" appears.
- 2 Press **(4)** (→) repeatedly until "MONO ON" appears.
The sound improves, but becomes monaural ("ST" disappears).

To go back to the normal mode, select "MONO OFF" in step 2 above.

Changing the displayed items

Each time you press **(DSPL)**, the items alternate between the frequency and time.

Actual total number:

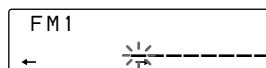
Storing the station names

—Station Memo

You can assign a name to each radio station and store it in memory. The name of the station currently tuned in appears in the display. You can store up to eight characters for a station.

Storing the station names

- 1 Tune in a station whose name you want to store.
- 2 Press **(LIST)** for two seconds.



- 3 Enter the characters.

- 1 Press **(+)** to select the desired characters.

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

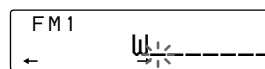


If you press **(-)**, the characters appear in the reverse order.

If you want to put a blank space between characters, select **"_"** (under-bar).

- 2 Press **(4)** (→) after locating the desired character.

The flashing cursor moves to the next space.



If you press **(1)** (←), the flashing cursor moves to the left.

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

- 4 To return to the normal radio reception, press **(LIST)** for two seconds.

Tip

To erase/correct a name, enter **"_"** (under-bar) for each character.

EN

CD Player/Radio

Displaying the station name

Press **(DSPL)** during radio reception.



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



* If the station name is not stored, "NO Name" appears in the display for one second.

Erasing the station name

- 1 Tune in any station and press **(LIST)** for two seconds.
- 2 Press **(DSPL)** for two seconds.
- 3 Press **(+)** or **(-)** to select the name that you want to erase.
- 4 Press **(S)** (ENTER) for two seconds. The name is erased. Repeat steps 3 and 4 if you want to erase other names.
- 5 Press **(LIST)** for two seconds. The unit returns to the normal radio reception mode.

Locating a station by name — List-up

- 1 Press **(LIST)** momentarily. The name assigned to the station currently playing appears in the display.
- 2 Press **(LIST)** repeatedly until you find the desired station.
- 3 Press **(S)** (ENTER) to tune in the desired station.

Note

Once the station name or frequency has been displayed for five seconds, the display goes back to its normal mode. To turn off the display, press **(DSPL)**.

DSP

Selecting a surround menu

You can select a desired surround mode to best fit the audio source. The following modes can simulate different sound fields and enhance the sound so that you can feel as if you are in a live concert.

Surround menu

Defeat	Normal sound without any SUR effects
Stadium	Open-air concert in a stadium
Disco	Disco with thick walls
Theater	Movie theater
Church	Church/chapel with a lot of reverberation
Hall	Concert hall
Studio	Recording studio

- 1 Press **(SOURCE)** to select a source (radio, CD or MD).
- 2 Press **(SOUND)** repeatedly until "SUR" appears.

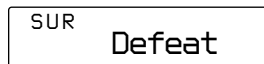


- 3 Press **(+)** or **(-)** to select the desired surround menu. The surround menu appears in the order shown above.

After three seconds, the display will go back to the normal playback mode.

Adjusting the effect level

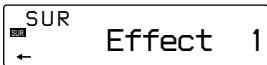
- 1 Press **(SOURCE)** to select a source (radio, CD or MD).
- 2 Press **(SOUND)** repeatedly until "SUR" appears.



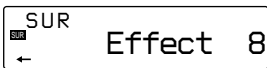
- 3 Press (+) or (-) repeatedly until the desired surround menu appears.



- 4 Press (SOUND) for two seconds.



- 5 Press (+) or (-) to adjust the level. You can adjust the level from 0 to 10. Increase the level to enjoy more enhanced effects.



- 6 Press (SOUND) for two seconds.

Registering a surround menu onto each disc

— Disc Sound Memory (DSM) (CD/MD changer with program memory function)

Once you have registered the desired surround menu and the sound characteristics (bass, treble and subwoofer) onto the discs, you can enjoy the same surround menu every time you play them. You can register them of a maximum of 126 discs.

- 1 Press (SHIFT), then press (3) (PLAY MODE) repeatedly until "DSM SET" appears.



- 2 Press (5) (ENTER). When the DSM setting is complete, the display will go back to the normal playback mode.

Changing the stored surround effect

Play the disc whose surround mode you wish to change, and follow the "Registering a surround menu onto each disc."

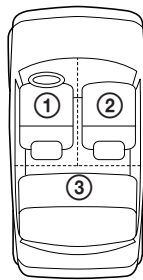
Erasing the stored surround effect

Press (5) (ENTER) for two seconds in step 2 of "Registering a surround menu onto each disc."



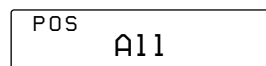
Selecting the listening position

You can set the time for the sound to reach the listeners from the speakers. The unit can simulate a natural sound field so that you can feel as if you are in the center of the sound field wherever you sit in the car.



Display window	Center of soundfield
All	Normal setting (① + ② + ③)
Front	Front part (① + ②)
Front-R	Right front (②)
Front-L	Left front (①)
Rear	Rear part (③)

- 1 Press (SOUND) momentarily until "POS" appears.



- 2 Press (+) or (-) to select the desired listening position. The listening positions appear in the order shown in the table.

After three seconds, the display goes back to the normal playback mode.

EN

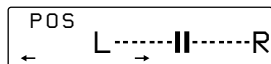
Radio/DSP

Adjusting the listening position

1 Press **(SOUND)** repeatedly until "POS" appears.

2 Press **(+)** or **(-)** to select the desired listening position appears.

3 Press **(SOUND)** for two seconds.



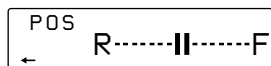
4 Press **(+)** or **(-)** to adjust the center of the sound field to the left or right. Then set the center of the sound field.



Center moves to the R (right).

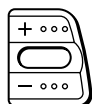
Center moves to the L (left).

5 Press **(4)** (→).



To go back to select the listening position, press **(1)** (←).

6 Press **(+)** or **(-)** to adjust the center of the sound field to the front or rear.



Center moves to the F (front).

Center moves to the R (rear).

7 Press **(SOUND)** for two seconds.

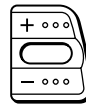
Adjusting the fader (FAD)

Normally, with the DSP mode on, the volume of the output sound from the rear speakers is lowered automatically to improve the efficiency of the listening position setting. If you want to raise the rear speaker volume, adjust the fader.

1 Follow steps 1 to 3 of "Selecting a surround menu" (page 10).

2 Press **(SOUND)** repeatedly until "FAD" appears.

3 Press **(+)** or **(-)** to adjust the fader.



Increases front speaker volume

Decreases front speaker volume

After three seconds, the display goes back to the normal playback mode.

Adjusting the volume of the subwoofer(s)

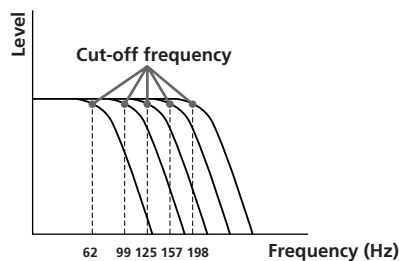
1 Press **(SOURCE)** to select a source (radio, CD or MD).

2 Press **(SOUND)** repeatedly until "SUB" appears.

3 Press **(+)** or **(-)** to adjust the volume. After three seconds, the display goes back to the normal playback mode.

Adjusting the frequency of the subwoofer(s)

To match the characteristics of the connected subwoofer(s), you can cut the unwanted high and middle frequency signals entering the subwoofer(s). By setting the cut-off frequency (see the diagram below), the subwoofer(s) will output only low frequency signals so that you can get a clearer sound image.



1 Press **(SOURCE)** to select a source (radio, CD or MD).

2 Press **(SOUND)** repeatedly until "SUB" appears.

3 Press **(SOUND)** for two seconds.



- 4 Press (+) or (-) to select the desired cut-off frequency.

62 Hz → 99 Hz → 125 Hz* → 157 Hz → 198 Hz

* Factory-set frequency

- 5 Press (SOUND) for two seconds.

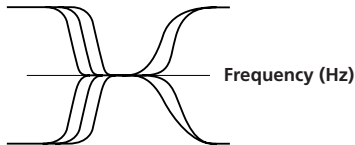
To adjust volume of the subwoofer, press (1) (←).

Adjusting the volume of the bass and treble

— Digital Tone Control

The CDX-C810DSP has a built-in DSP IC that uses digital processing to create clearer adjustments to the bass and treble volume than analog circuits.

The sharper tone slopes used in this unit produce more obvious and effective tone responses. For example, you can enhance the background music with the bass volume and effectively isolate the main vocals.



- 1 Press (SOURCE) to select a source (radio, CD or MD).

- 2 Press (SOUND) repeatedly until "BAS" or "TRE" appears.

- 3 Press (+) or (-) to adjust the volume. After three seconds, the display goes back to the normal playback mode.

Adjusting the turn-over frequency

You can adjust the bass and treble turn-over frequencies.

- 1 Press (SOURCE) to select a source (radio, CD or MD).

- 2 Press (SOUND) repeatedly until "BAS" or "TRE" appears.

- 3 Press (SOUND) for two seconds.

Bass adjust mode

BAS 157Hz
←

Treble adjust mode

TRE 7.1 kHz
←

- 4 Press (+) or (-) to select the turn-over frequency.

The turn-over frequencies change as follows:

Bass:
125 Hz → 157 Hz* → 198 Hz

Treble:
5.0 kHz → 7.1 kHz*

* Factory-set frequency

- 5 Press (SOUND) for two seconds.

To adjust the volume of the bass and treble, press (1) (←).

EN

DSP

Listening to each program source in its registered surround mode

— Source Sound Memory

You can listen to the same source always in the surround menu and sound characteristics (bass, treble and subwoofer) even after changing the program source or turning the unit on and off again.

Note

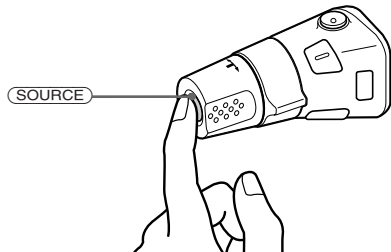
If the optional TV tuner is connected, "LSM" (Last Sound Memory) appears on the TV display.

Other Functions

Using the rotary remote

The rotary remote works by pressing buttons and/or rotating controls. You can control the optional CD or MD changer with the rotary remote.

By pressing the button (the SOURCE button)



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

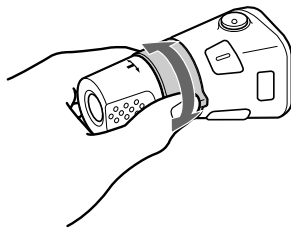
FM1 → FM2 → AM → CD1 → CD2 → MD1 → MD2 → TV* → AUX* (video)

* When the optional TV tuner is connected.

Tip

When the POWER SELECT switch is set to position B, you can turn on this unit by pressing (SOURCE) on the rotary remote.

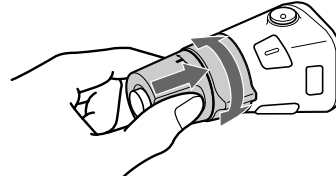
By rotating the control (the SEEK/AMS control)



Rotate the control momentarily and release it to:

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

By rotating the control while pushing (the PRESET/DISC control)

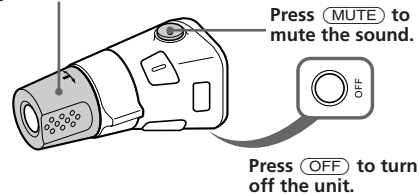


Rotate the control while pushing it to:

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

Other operations

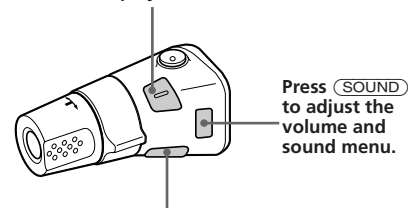
Rotate the VOL control to adjust the volume.



Press (MUTE) to mute the sound.

Press (OFF) to turn off the unit.

Press (DSPL) to change the displayed items

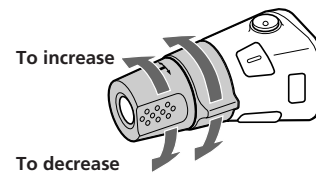


Press (SOUND) to adjust the volume and sound menu.

Press (LIST) to display memorized names.

Changing the operative direction

The operative direction of controls is factory preset as in the illustration below.

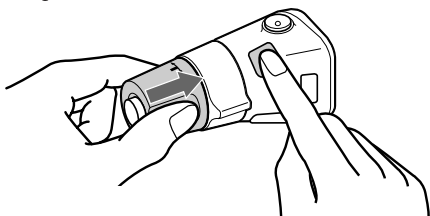


To increase

To decrease

EN

If you need to mount the rotary remote on the right of the steering column, you can reverse the operative direction of the controls.



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

Tip
You can control the operative direction of controls with the unit.

Adjusting the sound characteristics

You can adjust bass, treble, balance and fader. Each source can store the bass and treble level respectively.

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

VOL (volume) → SUR (surround menu) → POS (listening position) → SUB (sub output level) → BAS* (bass) → TRE* (treble) → BAL (balance) → FAD* (fader)

* The level of the SUB output cannot be adjusted.

2 Adjust the selected item by pressing **(+)** or **(-)**.
Adjust within three seconds after selecting. (After three seconds, the buttons work as volume control buttons.)

Muting the sound

Press **(MUTE)**.
“MUTE ON” flashes.

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

Changing the sound and display settings

You can set:

- AMBER/GREEN to change the illumination color to amber or green.
- BEEP to turn on or off the beeps.
- DIMMER (Dimmer) to change the brightness of the display.
- D.INFO (dual information) to display the clock and the play mode at the same time (ON) or to display the information alternately (OFF).
- LOUD (Loudness) to enjoy bass and treble even at low volume. Bass and treble will be reinforced.
- RM (Rotary Remote) to change the operative direction of the controls of the rotary remote.
 - Select “NORM” to use the rotary remote as the factory preset position.
 - Select “REV” when you mount the rotary remote on the right of the steering column.

1 Press **(SHIFT)**, then press **(2)** (SET UP).

2 Press **(2)** (SET UP) repeatedly until the desired setting mode appears.

Each time you press **(2)** (SET UP), the item changes as follows:

CLOCK → AMBER/GREEN → BEEP → DIMMER → D.INFO* → LOUD* → RM

* If you have not tune the station or there is no CD/MD being played, these items will not appear.

3 Press **(4)** (→) to select the desired setting (for example: ON or OFF).

4 Press **(SHIFT)**.
When the mode setting is complete, the normal playback mode appears.

EN

Other Functions

With Optional Equipment CD/MD Changer

You can control up to 10 CD changers and MD changers with this unit.

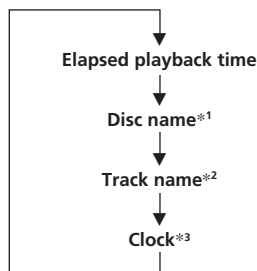
Playing a CD or MD

Press **(SOURCE)** until the desired changer appears.
CD/MD playback starts.

Changing the displayed items

When a CD or MD changer is connected, all the tracks play from the beginning.

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



*1 If you have not labeled the CD, "NO Name" appears in the display. If there is no prerecorded name for an MD, "NO D. Name" appears in the display.

*2 If the track name is not prerecorded, "NO T.Name" appears in the display for one second.

*3 If the dual information is on, clock does not appear in the display.

Tip

If the name of the MD is too long, you can scroll it across the display window by pressing **(SHIFT)**, then **(←)**.

Automatically scrolling a disc name — Auto Scroll

The Auto Scroll function automatically scrolls the disc or track name of the MD when you press **(DSPL)** and the title length exceeds 10 characters.

1 Press **(SHIFT)**, then press **(2)** (SET UP) repeatedly until "A.SCRL" appears.

2 Press **(4)** (→) to select "A.SCRL ON."

To cancel Auto Scroll, select "A.SCRL OFF" in step 2 above.

Displaying the recording date of the currently selected MD

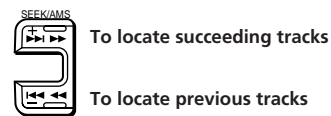
Press **(DSPL)** for two seconds during MD playback.

The recording date of the track is displayed for about three seconds.

Locating a specific track

— Automatic Music Sensor (AMS)

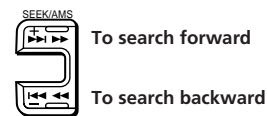
During playback, press either side of **(SEEK/AMS)** once for each track you want to skip.



Locating a specific point in a track

— Manual Search

During playback, press and hold either side of **(SEEK/AMS)**. Release the button when you have found the desired point.



Locating a disc by disc number

— Direct Disc Selection

Press the number button that corresponds with the desired disc number.

The desired disc in the currently selected changer begins playback.

Scanning the tracks

— Intro Scan

You can play the first 10 seconds of all the tracks on the currently selected disc.

1 During playback, press **(SHIFT)**, then press **(3)** (PLAY MODE) repeatedly until "INTRO" appears.

2 Press **(4)** (→) to select "INTRO ON." Intro Scan starts.

To go back to the normal playback mode, select "INTRO OFF" in step 2 above.

EN

Playing tracks repeatedly

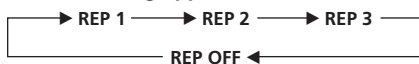
— Repeat Play

You can select:

- REP 1 to repeat a track.
- REP 2 to repeat a disc.
- REP 3 to repeat all the discs in the current changer.

1 During playback, press **(SHIFT)**. Then press **(3)** (PLAY MODE) repeatedly until "REP" appears.

2 Press **(4)** (→) repeatedly until the desired setting appears.



Repeat Play starts.

To go back to the normal playback mode, select "REP OFF" in step 2 above.

Playing tracks in random order

— Shuffle Play

You can select:

- SHUF 1 to play the tracks on the current disc in a random order.
- SHUF 2 to play the tracks in the current changer in a random order.
- SHUF 3 to play all the tracks in a random order.

1 During playback, press **(SHIFT)**, then press **(3)** (PLAY MODE) repeatedly until "SHUF" appears.

2 Press **(4)** (→) repeatedly until the desired setting appears.



Shuffle Play starts.

To go back to the normal playback mode, select "SHUF OFF" in step 2 above.

Actual total number:

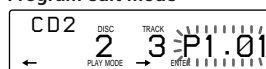
Creating a program

— CD Program Memory (CD changer with program memory function)

You can play the tracks in the order you want by making your own program. You can make two programs: Program 1 and Program 2. You can select up to 12 tracks in each program. You can store the programs in memory.

1 Press **(SHIFT)**, then press **(3)** (PLAY MODE) for two seconds.

Program edit mode



"P 1" shows Program 1 is selected.

If you have labeled the disc, the bank edit mode appears. Press **(3)** (PLAY MODE) to display "P 1" above.

To select Program 2, press **(4)** (→) repeatedly until "P 2" appears.

2 Select the track you want.

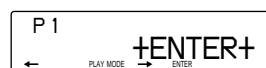
1 Press **(SOURCE)** repeatedly to select the changer.

2 Press **(SHIFT)**, then press the number button to select the disc.

3 Press **(SHIFT)**.

4 Press either side of **(SEEK/AMS)** to select the track.

3 Press **(5)** (ENTER) momentarily.



4 To continue entering tracks, repeat steps 2 and 3.

5 When you finish entering tracks, press **(3)** (PLAY MODE) for two seconds.

Notes

- "*Wait*" appears in the display while the unit is reading the data, or when a disc has not been put into the unit.
- "*Mem Full*" appears in the display when you try to enter more than 12 tracks into a program at one time.

Playing the stored program

Changing the disc order in the changer will not affect program memory play.

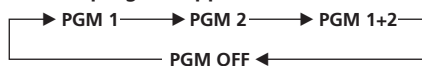
You can select:

- PGM 1 to play Program 1.
- PGM 2 to play Program 2.
- PGM 1+2 to play Programs 1 and 2.

1 Press **(SHIFT)**.

2 Press **(3)** (PLAY MODE) repeatedly until "PGM" appears.

3 Press **(4)** (→) repeatedly until the desired program appears.



Program Play starts.

EN

To go back to the normal playback mode, select "PGM OFF" in step 3 above.

Notes

- If you press the number button during program memory play, program memory play is interrupted, and playback of the selected disc starts.
- "NO Data" appears in the display if no track is stored in the program.
- If a track stored into the program memory is not in the disc magazine, the track will be skipped.
- When the disc magazine contains not a single track stored into the program memory, or when the program information has not been loaded yet, "Not Ready" appears.

Erasing the entire program

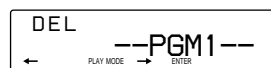
1 Press **(SHIFT)**, then press **(3)** (PLAY MODE) for two seconds.



"P 1" shows Program 1 is selected.

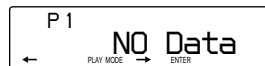
If you have labeled the disc, the bank edit mode appears. Press **(3)** (PLAY MODE) to display "P 1" above.

2 Press **(1)** (←) repeatedly until "DEL" appears.



To erase Program 2, press **(4)** (→) repeatedly until "PGM 2" appears.

3 Press **(5)** (ENTER) for two seconds.

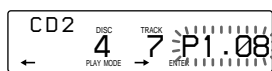


The entire program is erased.

4 When you finish erasing programs, press **(3)** (PLAY MODE) for two seconds.

Adding tracks to the program

1 Press **(SHIFT)**, then press **(3)** (PLAY MODE) for two seconds.

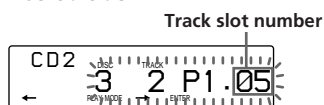


"P 1" shows Program 1 is selected.

If you have labeled the disc, the bank edit mode appears. Press **(3)** (PLAY MODE) to display "P 1" above.

To select Program 2, press **(4)** (→) repeatedly until "P 2" appears.

2 Press **(1)** (←) or **(4)** (→) to select the track slot number where you want to insert a track.



3 Press either side of **(SEEK/AMS)** to select the track you want to insert.

4 Press **(5)** (ENTER) momentarily to enter the track.

The current track in that slot number and the succeeding tracks shift down. To continue inserting tracks, repeat steps 2 through 4.

Note

Once all 12 slots have been filled, "*Mem Full*" appears in the display, and you cannot insert more tracks.

5 When you finish inserting tracks, press **(3)** (PLAY MODE) for two seconds.

Erasing the tracks in the program

- 1 Press **(SHIFT)**, then press **(3)** (PLAY MODE) for two seconds.

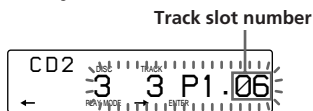


"P 1" shows Program 1 is selected.

If you have labeled the disc, the bank edit mode appears. Press **(3)** (PLAY MODE) to display "P 1" above.

To select Program 2, press **(4)** (→) repeatedly until "P 2" appears.

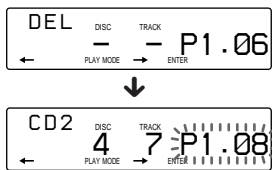
- 2 Press **(1)** (←) or **(4)** (→) to select the track you want to erase.



The track currently registered in slot 6 of Program 1.

- 3 Press **(5)** (ENTER) for two seconds.

When you erase a track from a slot number, the succeeding tracks shift up to fill the gap.



- 4 To continue erasing tracks, repeat steps 2 and 3.

- 5 When you finish erasing tracks, press **(3)** (PLAY MODE) for two seconds.

Actual total number:

Labeling a CD — Disc Memo (CD changer with custom file function)

You can label each disc with a personalized name. You can enter up to eight characters for a disc. If you label a CD, you can locate a disc by name and select the specific tracks for playback (page 20).

- 1 Play the CD and press **(LIST)** for two seconds.



- 2 Enter the characters.

- 1 Press **(+)** to select the desired characters.

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



If you press the **(-)**, the characters appear in the reverse order.

If you want to put a blank space between characters, select "**_**" (under-bar).

- 2 Press **(4)** (→) after locating the desired character.

The flashing cursor moves to the next space.



If you press **(1)** (←), the flashing cursor moves to the left.

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

- 3 To return to the normal CD playback mode, press **(LIST)** for two seconds.

Tip

To erase/correct a name, enter "**_**" (under-bar) for each character.

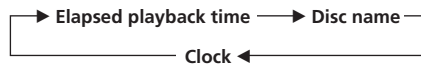
EN

Displaying the disc memo

Press **(DSPL)** during CD playback.



Each time you press **(DSPL)** during CD playback, the item changes as follows:



Erasing the disc memo

- 1 Press **(SOURCE)** to select the CD changer (for example CD2 or CD3).
- 2 Press **(LIST)** for two seconds.
- 3 Press **(DSPL)** for two seconds.
- 4 Press **(+)** or **(-)** to select the name that you want to erase.
- 5 Press **(5) (ENTER)** for two seconds.
The name is erased.
Repeat steps 4 and 5 if you want to erase other names.
- 6 Press **(LIST)** for two seconds.
The unit returns to the normal CD playback mode.

Locating a disc by name

— List-up (CD changer with custom file function or MD changer)

You can use this function for the discs that have been assigned a custom name. For more information on disc names, refer to "Labeling a CD" (page 19).

- 1 Press **(LIST)** momentarily.
The name assigned to the disc currently playing appears in the display.
-
- The display shows 'LST' on the left and '1 SCHUBERT' on the right. 'ENTER' is indicated below the track number.
- 2 Press **(LIST)** repeatedly until you find the desired disc.
 - 3 Press **(5) (ENTER)** to play back the disc.

Notes

- Once a disc name has been displayed for five seconds, the display goes back to its normal playback mode. To turn off the display, press **(DSPL)**.
- The track names are not displayed during 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.
- If the disc information has not been read by the unit, "?" appears in the display. To load the disc, first press the number button, then choose the disc that has not been loaded.
- The information is appears only in upper cases. There are also some letters which cannot be displayed (during MD playback).

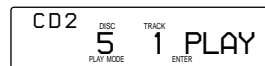
Selecting the specific tracks for playback

— Bank
(CD changer with custom file function)

If you label the disc, you can set the unit to skip tracks and play only the tracks you want.

- 1 Start playing the disc and press **(SHIFT)**. Then press **(3) (PLAY MODE)** for two seconds.

Bank edit mode



Note

If you have not labeled the disc, the bank edit mode does not appear and the program edit mode appears. To go back to the normal playback mode, press **(SHIFT)**.

- 2 Press either side of **(SEEK/AMS)** to select the track number you want to skip and press **(5) (ENTER)**.



The indication changes from "PLAY" to "SKIP." If you want to return to "PLAY," press **(5) (ENTER)** again.

- 3 Repeat step 2 to set the "PLAY" or "SKIP" mode on all the tracks.
- 4 Press **(3) (PLAY MODE)** for two seconds.
The unit returns to the normal CD playback mode.

Notes

- You can set the "PLAY" and "SKIP" mode on up to 24 tracks.
- You cannot set the "SKIP" mode on all the tracks.

Playing the 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 **(SHIFT)**, then press **(3)** (PLAY MODE) repeatedly until "BANK" appears.

2 Press **(4)** (→) repeatedly until the desired setting appears.

→ BANK ON → BANK INV → BANK OFF



Playback starts from the track following the current one.

To go back to the normal playing mode, select "BANK OFF" in step 2 above.

TV/Video

With the optional TV tuner and TV monitor connected

Watching the TV

1 Press **(SOURCE)** repeatedly until "TV" appears.

2 Press either side of **(SEEK/AMS)** to select the desired TV band.

Watching the video

Press **(SOURCE)** repeatedly until "VIDEO 1" appears.

Play back the video.

Note

"Video 2" appears if the VIDEO 2 terminal of the TV monitor is selected.

Memorizing TV channels automatically

— Best Tuning Memory (BTM)

The unit selects the TV channels with the strongest signals and memorizes them in the order of their frequency.

Caution

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

1 Press **(SOURCE)** repeatedly until "TV" appears.

2 Press **(SHIFT)**, then press **(6)** (BTM).
The unit stores TV channels in the order of their frequencies on the number buttons.

Notes

- The unit does not store TV channels with weak signals. If only a few TV channels are received, some number buttons will remain empty.
- When a preset number is indicated in the display, the unit starts storing TV channels from the one currently displayed.

EN

CD/MD Changer/TV/Video

Memorizing only the desired TV channels

You can store up to 10 channels on the number buttons in the order of your choice.

- 1 Press **(SOURCE)** repeatedly until "TV" appears.
- 2 Press either side of **(SEEK/AMS)** to tune in the TV program that you want to store on the number button.
- 3 Keep the desired number button (**(1)** to **(10)**) pressed for two seconds until you hear a beep tone.
The number button indication appears in the display.

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

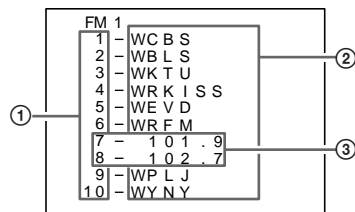
Storing the TV channel names

Do the steps in "Storing the station names" (page 9).

Displaying the TV or radio station names

Press **(LIST)** momentarily during TV or radio reception.

Example: When receiving the FM1 band



- 1 Preset number
- 2 Stored station names
- 3 Frequencies*

* If the name of a station is not stored, the frequency of that station will be displayed instead.

Notes

- It may take some time before all indications appear in the display.
- The TV monitor does not appear during list display.
- The contents of the preset memory cannot be listed when the unit is in the simultaneous play mode (page 23).

Turning off the display

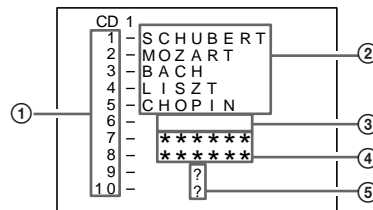
During radio reception, press **(LIST)** again.

During TV reception, the list display on the TV monitor will automatically turn off after a few seconds.

Displaying the information stored on discs

Press **(LIST)** momentarily during CD/MD playback.

Example: When CD changer 1 is selected.



- 1 Disc numbers
- 2 Titles stored on the custom file
- 3 No disc is loaded*¹
- 4 No stored titles*²
- 5 TOC information has not been identified yet*³

- *¹ A blank space is displayed if there is a disc number representing an empty slot in the disc magazine.
- *² If a title is not registered in the custom file, "*****" is displayed.
- *³ If the disc information has not been read yet, "?" is displayed.

Notes

- It may take some time until all indications appear in the display.
- The TV program does not appear during list display.
- The contents of the preset memory cannot be listed when the unit is in the simultaneous play mode.

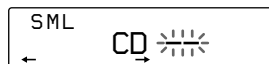
Turning off the display

Press **(LIST)** again.

Watching the TV or video while listening to a CD or MD — Simultaneous Play

The simultaneous play function does not work while you are listening to the radio.

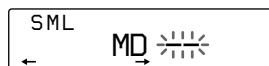
- 1 Press **(SOURCE)** for two seconds.



- 2 Press **(1)** (←).



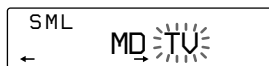
- 3 Press **(SOURCE)** repeatedly to select a CD or MD.



- 4 Press **(4)** (→).



- 5 Press **(SOURCE)** repeatedly to select a TV or video.



- 6 Press **(SOURCE)** for two seconds. Simultaneous Play starts.

Returning to the normal mode

To cancel the CD or MD, do the steps above and select “--” in step 3.

To cancel the TV or video, do the steps above and select “--” in step 5.

Notes

If you press the EJECT button on a CD/MD changer when the unit is in the simultaneous play mode, the simultaneous play is canceled.

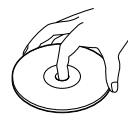
Additional Information

Precautions

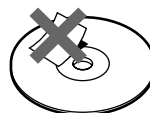
- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the unit to cool off before operating it.
- If no power is being supplied to the unit, check the connections first. If everything is in order, check the fuse.
- If no sound comes from the speakers of a two-speaker system, set the fader control to the center position.
- If your car is equipped with a power antenna, note that 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.

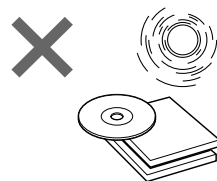
Notes on handling CDs



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 labeled surface.



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 the temperature inside the car.

EN

TV/Video/Additional Information



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

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

Notes on moisture condensation

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

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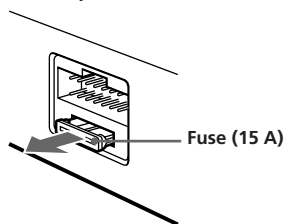
When you play 8 cm (3 in.) CDs

Use the optional Sony compact disc single adapter (CSA-8) to protect the CD player from being damaged.

Maintenance

Fuse replacement

When replacing the fuse, be sure to use one that matches the amperage described on the 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.

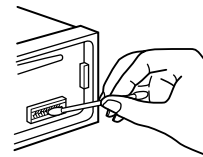


Warning

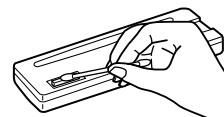
Never use a fuse with an amperage rating exceeding the one supplied with the unit as this could damage the unit.

Cleaning the connectors

The unit may not function properly if the connectors between the unit and the front panel are not clean. To prevent this, open the front panel by pressing (RELEASE), then detach it and clean the connectors with a cotton swab dipped in alcohol. Do not apply too much force. Otherwise, the connectors may be damaged.

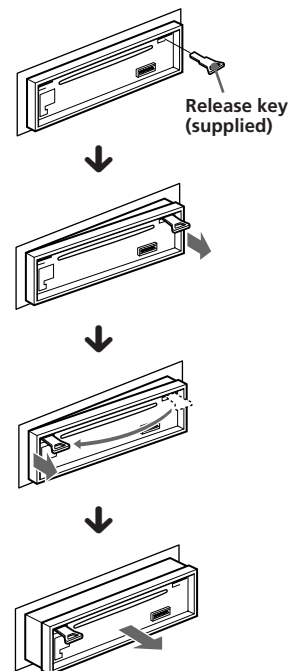


Main unit

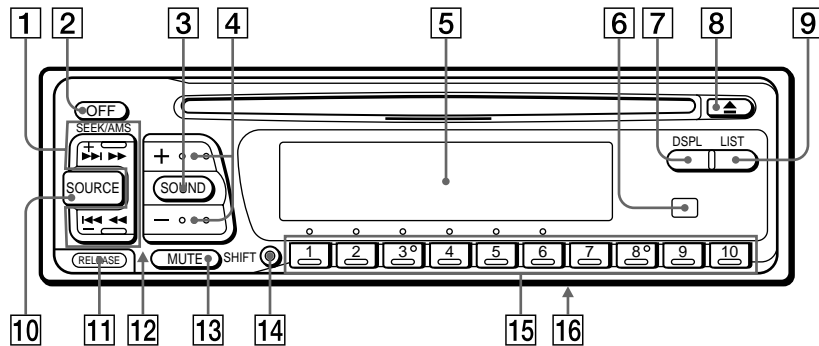


Back of the front panel

Dismounting the unit



Location of controls



Refer to the pages for details.

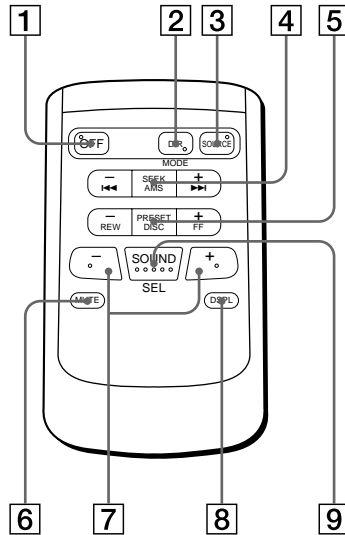
- 1 SEEK/AMS (seek/Automatic Music Sensor/manual search) button 5, 6, 7, 8, 9, 16, 17, 18, 20, 21, 22
- 2 OFF button 4, 5
- 3 SOUND button 10, 11, 12, 13, 15
- 4 + - (volume/surround menu/listening position/sub output level/bass/treble/balance/fader control) buttons 5, 9, 10, 11, 12, 13, 15, 20
- 5 Display window
- 6 Receptor for optional wireless remote
- 7 DSPL (display mode change) button 5, 9, 10, 16, 20
- 8 ▲ (eject) button 5
- 9 LIST button
 - Disc Memo 19, 20
 - List-up 10, 20, 22
 - Station Memo 9, 10
- 10 SOURCE (source select) button 5, 8, 9, 10, 12, 13, 16, 17, 20, 21, 22, 23
- 11 RELEASE (front panel release) button 4, 24
- 12 Reset button (located on the front side of the unit hidden by the front panel) 4
- 13 MUTE button 15
- 14 SHIFT button
 - BTM 8, 21
 - PLAY MODE 6, 7, 8, 9, 11, 16, 17, 18, 19, 20, 21
 - SET UP 5, 15, 16
- 15 During radio/TV reception:
 - Number buttons 8, 9, 22
 During CD/MD playback:
 - Direct disc selection buttons 16
- 16 POWER SELECT switch (located on the bottom of the unit)
 - See "POWER SELECT Switch" in the installation/Connections manual.

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Additional Information

Location of controls

Optional wireless remote (RM-X41)



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The buttons of the wireless remote work the same functions as those on this unit.

- | | |
|------------------------------------------------------------|-----------------------|
| 1 OFF button | 6 MUTE button |
| 2 DIR button
(DIR) does not work with this unit. | 7 - + buttons |
| 3 SOURCE button | 8 DSPL button |
| 4 SEEK/AMS button | 9 SOUND button |
| 5 PRESET/DISC button | |

You cannot do the manual search and manual tuning with the remote.

When the POWER SELECT switch is set to the **ⓑ** position, the unit cannot be operated with the wireless remote unless (SOURCE) on the unit is pressed or a CD is inserted to activate the unit first.

Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

15 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 1 % total harmonic distortion.

Other specifications

CD player section

System	Compact disc digital audio system
Signal-to-noise ratio	90 dB
Frequency response	10 – 20,000 Hz
Wow and flutter	Below measurable limit
Laser Diode Properties	
Material	GaAlAs
Wavelength	780 nm
Emission Duration	Continuous
Laser output power	Less than 44.6 μW*

* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.

Tuner section

FM

Tuning range	87.5 – 107.9 MHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz
Usable sensitivity	8 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	62 dB (stereo), 65 dB (mono)
Harmonic distortion at 1 kHz	0.9 % (stereo), 0.5 % (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz
Capture ratio	2 dB

AM

Tuning range	530 – 1,710 kHz
Antenna terminal	External antenna connector
Intermediate frequency	10.71 MHz/450 kHz
Sensitivity	30 μV

Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 – 8 ohms
Maximum power output	35 W × 4 (at 4 ohms)

General

Output lead	Power antenna relay control lead Power amplifier control lead
Tone controls	Bass ±8 dB at 100 Hz Treble ±8 dB at 10 kHz
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 188 × 58 × 177 mm (7 ¹ / ₂ × 2 ³ / ₈ × 7 in.) (w/h/d)
Mounting dimensions	Approx. 178 × 50 × 154 mm (7 ¹ / ₈ × 2 × 6 ¹ / ₈ in.) (w/h/d)
Mass	Approx. 1.5 kg (3 lb. 4.9 oz.)
Supplied accessories	Rotary remote (1) Parts for installation and connections (1 set) Front panel case (1)
Optional accessories	Wireless remote RM-X41 BUS cable (supplied with an RCA pin cord) RC-61 (1 m), RC-62 (2 m) RCA pin cord RC-63 (1 m), RC-64 (2 m), RC-65 (5 m) Cleaning cloth XP-CD1 Compact disc single adapter CSA-8
Optional equipment	CD changer CDX-71 (10 discs), CDX-72 (10 discs), CDX-81 (10 discs), CDX-91 (10 discs), CDX-T60 (6 discs), CDX-T62 (6 discs) MD changer MDX-40, MDX-60 Source selector XA-U20, etc. TV tuner XT-40V, etc.

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Additional Information

Design and specifications are subject to change without notice.

Troubleshooting guide

The following check will help you remedy the problems that 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"> Adjust the volume with (+). Set the fader control to the center position for two-speaker systems.
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.
Indications do not appear in the display.	Remove the front panel and clean the connectors. See "Cleaning the connectors" (page 24) for details.

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 (MD).
Play does not begin.	Defective MD or dusty CD.
A disc is automatically ejected.	The ambient temperature exceeds 50°C (122°F).
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 20°. The unit is not installed in a sturdy part of the car.

Radio reception

Problem	Cause/Solution
Preset tuning is not possible.	<ul style="list-style-type: none"> Memorize the correct frequency. The broadcast signal is too weak.
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 correctly. The broadcast signal is too weak. → Set to the MONO mode (page 9).

DSP functions

Problem	Cause/Solution
No sound, or sound is too low.	The volume of the rear speakers may have been automatically lowered in order to maximize the effect of the listening position adjustment. → Press (+) to adjust the balance. The speaker balance can be set separately for the DSP on mode and DSP off mode (page 11).

Error displays (when the optional CD/MD changer 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 changer.	Insert the disc magazine with discs into the CD/MD changer.
NO Disc	No disc is inserted in the CD/MD changer.	Insert the discs in the CD/MD changer.
Error ^{*1}	A CD is dirty or inserted upside down. ^{*2}	Clean or insert the CD correctly.
	An MD does not play 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 changer cannot be operated because of some problem.	Press the reset button of the unit.
Not Ready	The lid of the MD changer is open or MDs are not inserted properly.	Close the lid or inserted the MDs properly.
HighTemp	The ambient temperature is more than 50°C (122°F).	Wait until the temperature goes down below 50°C (122°F).

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

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