

# ***FM/MW/LW Compact Disc Player***

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Operating Instructions \_\_\_\_\_ **GB**

使用說明書 \_\_\_\_\_ **CT**

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

關於本機的安裝及線路連接，請參見提供的“安裝／線路連接說明書”。



## ***CDX-CA600X***

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# Welcome !

Thank you for purchasing this Sony Compact Disc Player. You can enjoy its various features even more with:

- Optional CD/MD units (both changers and players)\*<sup>1</sup>.
- CD TEXT information (displayed when a CD TEXT disc\*<sup>2</sup> is played).
- **Supplied controller accessory**  
Card remote commander  
RM-X115
- **Optional controller accessory**  
Rotary commander  
RM-X4S

\*<sup>1</sup> *This unit works with Sony products only.*

\*<sup>2</sup> *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.*

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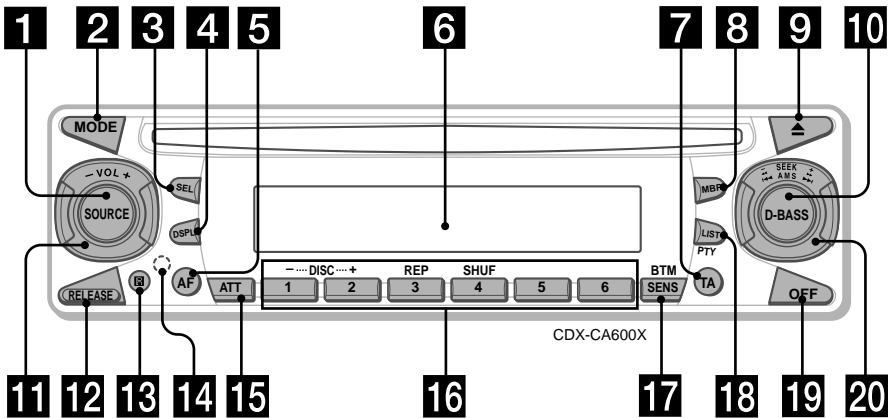
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# Location of controls

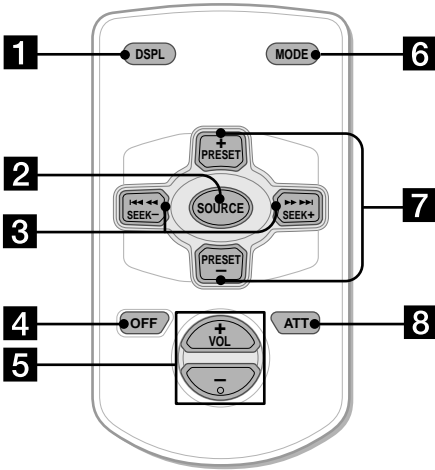


Refer to the pages listed for details.

- 1** SOURCE (Power on/Radio/CD/MD) button 9, 10, 12, 13, 16
- 2** MODE button 10, 12, 13, 16
- 3** SEL (select) button 9, 10, 11, 12, 18, 20, 21
- 4** DSPL (display mode change) button 9, 10, 12, 14
- 5** AF button 15, 16
- 6** Display window
- 7** TA button 16
- 8** MBP (My Best sound Position) button 21
- 9** ▲ (eject) button 9
- 10** D-BASS button 21
- 11** VOL (volume) -/+ control dial 9, 11, 12, 16, 20
- 12** RELEASE (front panel release) button 8
- 13** Receptor for the card remote commander
- 14** RESET button (located on the front side of the unit, behind the front panel) 7
- 15** ATT (attenuate) button 20
- 16** Number buttons 10, 13, 15, 16, 18, 20
  - ① DISC - 10
  - ② DISC + 10
  - ③ REP 11
  - ④ SHUF 11
- 17** SENS/BTM button 13, 14, 16
- 18** LIST/PTY (programme type) button 11, 12, 17
- 19** OFF button\* 8, 9
- 20** SEEK/AMS -/+ control dial 9, 12, 13, 14, 15, 17

\* **Warning when installing in a car without an ACC (accessory) position on the ignition key switch**  
 Be sure to press **OFF** on the unit for 2 seconds to turn off the clock display after turning off the engine. Otherwise, the clock display does not turn off and this causes battery drain.

## Card remote commander RM-X115



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

- 1 DSPL button
- 2 SOURCE button
- 3 SEEK (-/+) buttons
- 4 OFF button
- 5 VOL (+/-) buttons
- 6 MODE button
- 7 DISC/PRESET (+/-) buttons
- 8 ATT button

### Note

If the unit is turned off by pressing **OFF** for 2 seconds, it cannot be operated with the card remote commander unless **SOURCE** on the unit is pressed, or a disc is inserted to activate the unit first.

### Tip

Refer to "Replacing the lithium battery" for details on how to replace the batteries (page 23).

## Precautions

- If your car was parked in direct sunlight, allow the unit to cool off before operating it.
- Power aerials 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

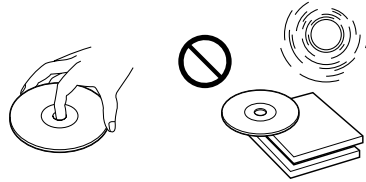
On a rainy day or in a very damp area, moisture condensation may occur inside the lenses and display of the unit. Should this occur, the unit will not operate properly. In such a case, remove the disc and wait for about an hour until the moisture has evaporated.

### To maintain high sound quality

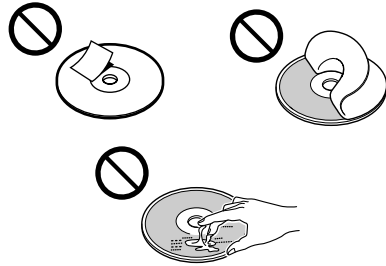
Be careful not to splash juice or other soft drinks onto the unit or discs.

## Notes on discs

- To keep the disc clean, do not touch the surface. Handle the disc by its edge.
- Keep your discs in their cases or disc magazines when not in use. Do not subject the discs to heat/high temperature. Avoid leaving them in parked cars or on dashboards/rear trays.



- Do not attach labels, or use discs with sticky ink/residue. Such discs may stop spinning when used, causing a malfunction, or may ruin the disc.



- Do not use any discs with labels or stickers attached.  
The following malfunctions may result from using such discs:
  - Inability to eject a disc (due to a label or sticker peeling off and jamming the eject mechanism).
  - Inability to read audio data correctly (e.g., playback skipping, or no playback) due to heat shrinking of a sticker or label causing a disc to warp.
- 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.

# Getting Started

- Before playing, clean the discs with a commercially available cleaning cloth. Wipe each disc from the centre out. Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog discs.



## Notes on CD-R/CD-RW discs

- You can play CD-Rs (recordable CDs)/CD-RWs (rewritable CDs) designed for audio use on this unit.  
Look for these marks to distinguish CD-Rs/CD-RWs for audio use.



These marks denote that a disc is not for audio use.



- Some CD-Rs/CD-RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this unit.
- You cannot play a CD-R/CD-RW that is not finalized\*.

\* A process necessary for a recorded CD-R/CD-RW disc to be played on the audio CD player.

## Resetting the unit

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

Remove the front panel and 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 stored contents.

## Detaching the front panel

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

### Caution alarm

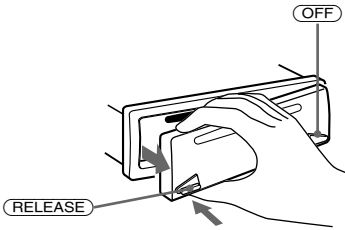
If you turn the ignition switch to the OFF position without removing the front panel, the caution alarm will beep for a few seconds. If you connect an optional amplifier and do not use the built-in amplifier, the beep sound will be deactivated.

#### 1 Press **(OFF)**.\*

CD playback or radio reception stops (the key illumination and display remain on).

\* If your car has no ACC position on the ignition switch, be sure to turn the unit off by pressing **(OFF)** for 2 seconds to avoid car battery drain.

#### 2 Press **(RELEASE)**, then pull it off towards you.



### Notes

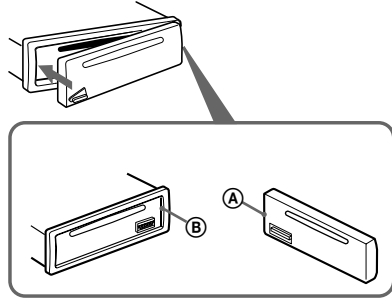
- If you detach the panel while the unit is still turned on, the power will turn off automatically to prevent the speakers from being damaged.
- Do not drop or put excessive pressure on the front panel and its display window.
- Do not subject the front panel to heat/high temperature or moisture. Avoid leaving it in parked cars or on dashboards/rear trays.

### Tip

When carrying the front panel with you, use the supplied front panel case.

## Attaching the front panel

Attach part **(A)** of the front panel to part **(B)** of the unit as illustrated and push the left side into position until it clicks.



### Note

Do not push anything on the inner surface of the front panel.



## Setting the clock

The clock uses a 24-hour digital indication.

Example: To set the clock to 10:08

- 1 Press **(DSPL)** for 2 seconds.  
The hour indication flashes.



- 1 Turn the VOL control dial to set the hour.
- 2 Press **(SEL)**.  
The minute indication flashes.
- 3 Turn the VOL control dial to set the minute.

- 2 Press **(DSPL)**.



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

### Tip

You can set the clock automatically with the RDS feature (page 18).

## CD Player CD/MD Unit (optional)

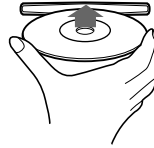
In addition to playing a CD with this unit alone, you can also control external CD/MD units.

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.

## Playing a disc

(with this unit)

Insert the disc (labelled side up).



Playback starts automatically.

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

To	Do this
Stop playback	Press <b>(OFF)</b> .
Eject the disc	Press <b>▲</b> .
Skip tracks – Automatic Music Sensor	Turn the SEEK/AMS control dial. [once for each track]
Fast-forward/ reverse – Manual Search	Turn the SEEK/AMS control dial. [hold to desired point]

### Notes

- When the last track on the disc is over, playback restarts from the first track of the disc.
- With optional units connected, playback of the same source will continue on to the optional CD/MD unit.

continue to next page →

## (with optional unit)

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

\* MS: MG Memory Stick System-up Player MGS-X1

To	Press
Skip discs	<b>(1)</b> (DISC -) or
- Disc selection	<b>(2)</b> (DISC +)

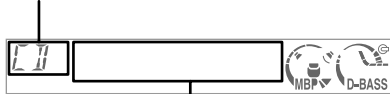
### Cautions when connecting MGS-X1 and MD unit(s)

This unit recognizes MGS-X1 as an MD unit.

- When you want to play MGS-X1, press **(SOURCE)** to select "MS" or "MD." If "MS" appears in the source display, MGS-X1 starts to play. If "MD" appears in the source display, press **(MODE)** to select "MS," to start playback.
- When you want to play an MD unit, press **(SOURCE)** to select "MD" or "MS." If your desired MD unit appears in the source display, it starts to play. If "MS" or another MD unit appears in the source display, press **(MODE)** to select your desired MD unit, to start playback.

## Display items

Source (Disc number\*1)



### Displayable items

- Clock
- Track number/Elapsed playing time
- Disc name\*2/Artist name\*3
- Track title\*4

To	Press
Switch display item	<b>(DSPL)</b>

- \*1 While an optional CD/MD unit is connected.  
\*2 When pressing **(DSPL)**, "NO NAME" indicates that there is no Disc Memo (page 11) or prerecorded name to display.  
\*3 Only for CD TEXT discs with the artist name.  
\*4 Only for CD TEXT discs with the track title.

### Notes

- Disc name, artist name, and track title can be displayed with up to 8 characters.
- Some characters cannot be displayed.
- This unit cannot display the artist name for each track of a CD TEXT disc.

## Automatically scrolling a name — Auto Scroll

If the disc name, artist name, or track name on a CD TEXT disc exceeds 8 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).
- The track name appears when the track has changed (if the track name is selected).

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

### Selecting "A.SCRL-ON"

During playback, press **(SEL)** and **(3)** simultaneously.

In 2 seconds the normal display automatically appears.

To select "A.SCRL-OFF", press **(SEL)** and **(3)** simultaneously again.

### Note

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

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

## Playing tracks repeatedly

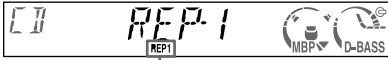
### — Repeat Play

The disc in the main unit will repeat a track or the entire disc when it reaches the end. For repeat play, you can select:

- REP-1 — to repeat a track.
- REP-2\* — to repeat a disc.

\* Available only when one or more optional CD/MD units are connected.

During playback, press **(3)** (REP) repeatedly until the desired setting appears in the display.



"REP" indicator is displayed.

Repeat Play starts.

To return to normal play mode, select "REP-OFF."

## Playing tracks in random order

### — Shuffle Play

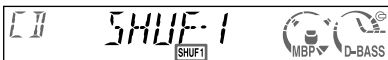
You can select:

- SHUF-1 — to play the tracks on the current disc in random order.
- SHUF-2\*<sup>1</sup> — to play the tracks in the current optional CD (MD) unit in random order.
- SHUF-ALL\*<sup>2</sup> — to play all the tracks in all the optional CD (MD) units (including this unit) in random order.

\*<sup>1</sup> Available only when one or more optional CD (MD) units are connected.

\*<sup>2</sup> Available only when one or more optional CD units, or two or more optional MD units are connected.

During playback, press **(4)** (SHUF) repeatedly until the desired setting appears in the display.



"SHUF" indicator is displayed.

Shuffle Play starts.

To return to normal play mode, select "SHUF-OFF."

### Note

"SHUF-ALL" will not shuffle tracks between CD units and MD units.

## Labelling a CD

### — Disc Memo (For a CD unit with the CUSTOM FILE function)

You can label each disc with a custom name (Disc Memo). You can enter up to 8 characters for a disc. If you label a CD, you can locate the disc by name (page 12)

**1** Start playing the disc you want to label in a CD unit with the CUSTOM FILE function.

**2** Press **(LIST/PTY)** for 2 seconds.

Name edit mode



The unit will repeat the disc during the labelling procedure.

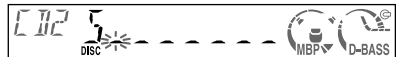
**3** Enter the characters.

- 1** Turn the VOL control dial to select the desired characters.  
(A ↔ B ↔ C ↔ ... Z ↔ 0 ↔ 1 ↔ 2 ↔ ... 9 ↔ + ↔ - ↔ \* ↔ / ↔ \ ↔ > ↔ < ↔ . ↔ \_ ↔ A ...)

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

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

The next character flashes.



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

**4** To return to normal CD play mode, press **(LIST/PTY)** for 2 seconds.

### Tips

- Simply overwrite or enter "\_" to correct or erase a name.
- You can label CDs on a unit without the CUSTOM FILE function if that unit is connected along with a CD unit that has the function. The Disc Memo will be stored in the memory of the CD unit with the CUSTOM FILE function.

continue to next page →

## Viewing the Disc Memo

As a display item, the Disc Memo always takes priority over any original CD TEXT information.

To	Press
View	(DSPL) during CD/ CD TEXT disc playback

## Erasing the Disc Memo

- 1 Press (SOURCE) repeatedly to select "CD."
- 2 Press (MODE) repeatedly to select the CD unit storing the Disc Memo.
- 3 Press (LIST/PTY) for 2 seconds.
- 4 Press (DSPL) for 2 seconds.
- 5 Turn the VOL control dial to select the disc name you want to erase.
- 6 Press (SEL) for 2 seconds.  
The name is erased.  
Repeat steps 5 and 6 if you want to erase other names.
- 7 Press (LIST/PTY) for 2 seconds.  
The unit returns to normal CD play mode.

### Notes

- When the Disc Memo for a CD TEXT disc is erased, the original CD TEXT information is displayed.
- If you cannot find the Disc Memo you want to erase, try selecting a different CD unit in step 2.

## Locating a disc by name

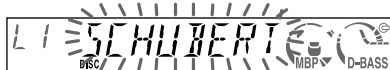
— List-up (For a CD unit with the CUSTOM FILE function or an MD unit)

You can use this function for discs that have been assigned custom names\*1 or for CD TEXT discs\*2.

\*1 Locating a disc by its custom name: when you assign a name for a CD (page 11) or an MD.

\*2 Locating discs by the CD TEXT information: when you play a CD TEXT disc on a CD unit with the CD TEXT function.

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



- 2 Press (LIST/PTY) repeatedly until you find the desired disc.
- 3 Turn the SEEK/AMS control dial to play the disc.

### Notes

- Once a disc name has been displayed for 5 seconds, the display goes back to its normal playback mode.
- 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, "NO NAME" appears in the display.
- If the disc information has not been read by the unit, "NOT READ" appears in the display. To load the disc, first press the number button, then choose the disc that has not been loaded.
- The information appears only in upper cases. There are also some letters which cannot be displayed (during MD playback).

# Radio

The unit can store up to 6 stations per band (FM1, FM2, FM3, MW, and LW).

## Caution

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

## Storing stations automatically

### — Best Tuning Memory (BTM)

The unit selects the stations with the strongest signals within the selected band, and stores them in the order of their frequency.

- 1 Press **(SOURCE)** repeatedly to select the radio.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Press **(SENS/BTM)** for 2 seconds.  
The unit stores stations in the order of their frequencies on the number buttons. A beep sounds when the setting is stored.

### Notes

- If only a few stations can be received due to weak signals, some number buttons will retain their former settings.
- When a number is indicated in the display, the unit starts storing stations from the one currently displayed.

## Storing only the desired stations

You can manually preset the desired stations on any chosen number button.

- 1 Press **(SOURCE)** repeatedly to select the radio.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Turn the SEEK/AMS control dial to tune in the station that you want to store.
- 4 Press the desired number button (**(1)** to **(6)**) 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 stored stations

- 1 Press **(SOURCE)** repeatedly to select the radio.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Press the number button (**(1)** to **(6)**) on which the desired station is stored.

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## If preset tuning does not work

— Automatic tuning/ Local Seek Mode

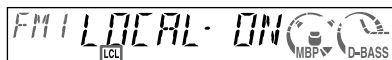
### Automatic tuning:

Turn the SEEK/AMS control dial to search for the station.

Scanning stops when the unit receives a station. Turn the SEEK/AMS control dial until the desired station is received.

### Local Seek Mode:

If the automatic tuning stops too frequently, press **(SENS/BTM)** repeatedly until "LOCAL-ON" appears.



"LCL" indicator is displayed.

Only the stations with relatively strong signals will be tuned in.

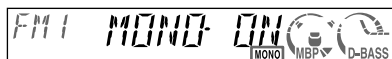
### Tip

If you know the frequency of the station you want to listen to, turn the SEEK/AMS control dial until the desired frequency appears (manual tuning).

## If FM stereo reception is poor

— Monaural Mode

During radio reception, press **(SENS/BTM)** repeatedly until "MONO-ON" appears.



"MONO" indicator is displayed.

The sound improves, but becomes monaural ("ST" disappears).

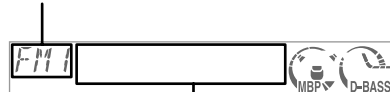
To return to normal mode, select "MONO-OFF."

## RDS

### Overview of RDS

FM stations with Radio Data System (RDS) service send inaudible digital information along with the regular radio programme signal. For example, one of the following will be displayed upon receiving a station with RDS capability.

Source



Displayable items

- Clock
- Station name (Frequency)
- RDS data

To	Press
----	-------

Switch Clock/ Station name	<b>(DSPL)</b>
-------------------------------	---------------

### RDS services

RDS data offers you other conveniences, such as:

- Automatic retuning of a programme, helpful during long-distance drives. — AF → page 15
- Receiving traffic announcements, even when enjoying another programme/source. — TA → page 16
- Selecting stations by the type of programme. — PTY → page 17
- Automatic clock time setting. — CT → page 18

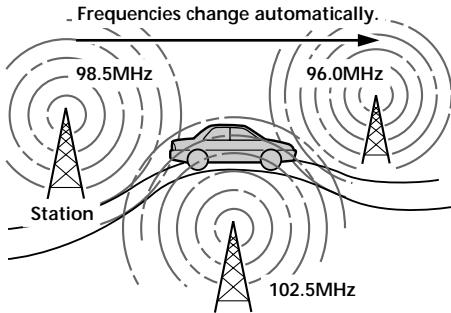
### Notes

- 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.

# Automatic retuning for best reception results

## — AF function

The alternative frequencies (AF) function allows the radio to always tune into the area's strongest signal for the station you are listening to.



- 1 Select an FM station (page 13).
- 2 Press **(AF)** repeatedly until "AF-ON" appears.  
The unit starts searching for an alternative station with a stronger signal in the same network.  
If "NO AF" flashes, the currently tuned into station does not have an alternative frequency.

### Notes

- If you want to change the on/off setting while playing a CD, press **(AF)**.
- When there is no alternative frequency in the area or when you do not need to search for one, turn the AF function off by selecting "AF-OFF."

## For stations without alternative frequencies

Turn the SEEK/AMS control dial while the station name is flashing (within 8 seconds).

The unit starts searching for another frequency with the same PI (Programme Identification) data ("PI SEEK" appears).  
If the unit cannot find the same PI, the unit returns to the previously selected frequency.

## Staying with one regional programme

When AF function is on: this unit's factory-set setting restricts reception to a specific region, so you won't be switched to another regional station with a stronger frequency.  
If you leave this regional programme's reception area or would like to take advantage of the whole AF function, press **(AF)** for 2 seconds until "REG-OFF" appears.

### Note

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

## Local Link function (United Kingdom only)

This function enables you to select other local stations in the area, even if they are not stored on your number buttons.

- 1 Press a number button (**(1)** to **(6)**) that has a local station stored on it.
- 2 Within 5 seconds, press the number button of the local station again.
- 3 Repeat this procedure until the desired local station is received.

## Receiving traffic announcements — TA/TP

By activating the Traffic Announcement (TA) and Traffic Programme (TP). You can automatically tune in an FM station broadcasting traffic announcements. These settings function regardless of the current FM programme/source, CD; the unit switches back to the original source when the bulletin is over.

Press **(TA)** repeatedly until "TA-ON" appears.

The unit starts searching for traffic information stations.

"TP" indicates reception of such stations, and "TA" flashes during an actual traffic announcement. The unit will continue searching for stations available with TP if "NO TP" is indicated.

To cancel all traffic announcements, select "TA-OFF."

To	Press
Cancel current announcement	<b>(TA)</b>

### Tip

You can also cancel the current announcement by pressing **(SOURCE)** or **(MODE)**.

## Presetting the volume of traffic announcements

You can preset the volume level of the traffic announcements so you won't miss hearing them.

- 1 Turn the VOL control dial to adjust the desired volume level.
- 2 Press **(TA)** for 2 seconds.  
"TA" appears and the setting is stored.

## Receiving emergency announcements

If either AF or TA is on, the unit will switch to emergency announcements, if one comes in while listening to an FM station or CD.

## Presetting RDS stations with AF and TA setting

When you preset RDS stations, the unit stores each station's AF/TA setting (on/off) as well as its frequency. You can select a different setting (for AF, TA, or both) for individual preset stations, or the same setting for all preset stations. If you preset stations with "AF on," the unit automatically stores stations with the strongest radio signal.

### Presetting the same setting for all preset stations

- 1 Select an FM band (page 13).
- 2 Press **(AF)** and/or **(TA)** to select "AF-ON" and/or "TA-ON."  
Note that selecting "AF-OFF" and "TA-OFF" applies to non-RDS stations as well as RDS stations.
- 3 Press **(SENS/BTM)** until "BTM" flashes.

### Presetting different settings for each preset station

- 1 Select an FM band, and tune in the desired station.
- 2 Press **(AF)** and/or **(TA)** to select "AF-ON" and/or "TA-ON."
- 3 Press the desired number button until "MEM" appears.  
Repeat from step 1 to preset other stations.

### Note

If you want to change the AF/TA setting while you are playing a CD, press **(AF)** or **(TA)**.



## Tuning in stations by programme type — PTY

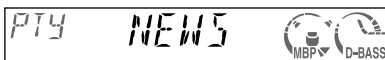
You can tune in a station by selecting the type of programme you would like to listen to.

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

### Note

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

- 1 Press **(LIST/PTY)** during FM reception.



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

- 2 Press **(LIST/PTY)** repeatedly until the desired programme type appears.

The programme types appear in the order shown in the table. "NONE" appears if the programme type is not specified in the RDS data.



- 3 Turn the **SEEK/AMS** control dial. The unit starts searching for a station broadcasting the selected programme type.

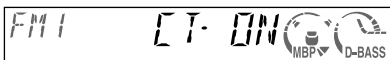
# Setting the clock automatically — CT

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

## Selecting “CT-ON”

During radio reception, press (SEL) and ② simultaneously.

The clock is set.



In one second the normal display automatically appears.

To select “CT-OFF”, press (SEL) and ② simultaneously again.

### 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.

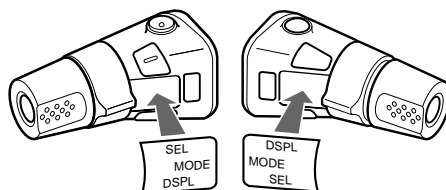
# Other Functions

You can also control the unit (and optional CD/MD units) with a rotary commander (optional).

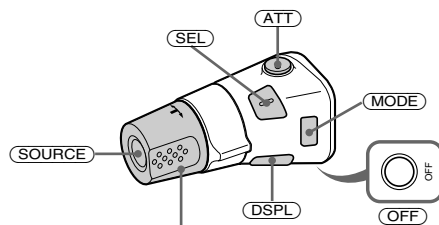
## Using the rotary commander

First, attach the appropriate label depending on how you want to mount the rotary commander.

The rotary commander works by pressing buttons and/or rotating controls.



## By pressing buttons



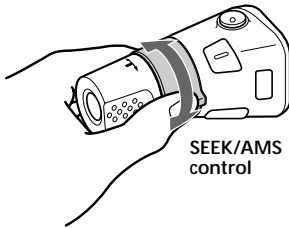
Rotate the VOL control to adjust the volume.

Press	To
(SOURCE)	Change source (radio/CD/MD* <sup>1</sup> )
(MODE)	Change operation (radio band/CD unit/MD* <sup>1</sup> unit)
(ATT)	Attenuate sound
(OFF) <sup>*2</sup>	Stop playback or radio reception
(SEL)	Adjust and select
(DSPL)	Change the display item

\*1 Only if the corresponding optional equipment is connected.

\*2 If your car has no ACC (accessory) position on the ignition key switch, be sure to press **OFF** for 2 seconds to turn off the clock indication after turning off the ignition.

### By rotating the control



SEEK/AMS control

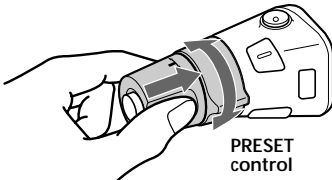
Rotate and release to:

- Skip tracks.
- Tune in stations automatically.

Rotate, hold, and release to:

- Fast-forward/reverse a track.
- find a station manually.

### By pushing in and rotating the control



PRESET control

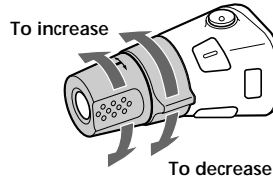
Push in and rotate the control to:

- Receive preset stations.
- Change the disc\*.

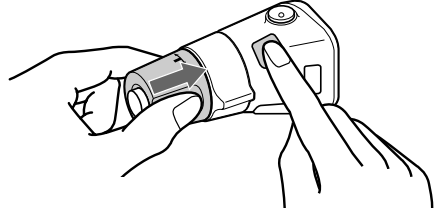
\* When an optional CD/MD unit is connected.

### 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 **SEL** for 2 seconds while pushing the VOL control.

---

## Adjusting the sound characteristics

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

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

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

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

### 2 Adjust the selected item by turning the VOL control dial.

#### Note

Adjust within 3 seconds after selecting the item.

---

## Quickly attenuating the sound

Press **(ATT)**.

After "ATT-ON" momentarily flashes, the "ATT" indication appears in the display.

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

"ATT-OFF" flashes momentarily.

#### 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:

- CT (Clock Time) (page 18).
- A.SCRL (Auto Scroll)\* (page 10).
- M.DSPL (Motion Display)
  - the demonstration mode which appears when no source is selected (e.g., tuner is turned off).
- BEEP – to turn the beep sound on or off.

### Selecting the desired item

Press **(SEL)** and the desired preset number button simultaneously.

**(SEL)** + **(2)**: CT

**(SEL)** + **(3)**: A.SCRL\*

**(SEL)** + **(4)**: M.DSPL

**(SEL)** + **(6)**: BEEP

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

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

#### Note

The displayed item will differ depending on the source.

To cancel the item, press **(SEL)** and the preset number button simultaneously again.

## Selecting the sound position

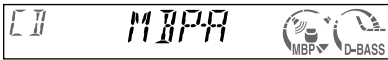
### — My Best sound Position (MBP)

When you drive without passengers, you can enjoy the most comfortable sound environment with “My Best sound Position.” “My Best sound Position” has two presets, which are best suited for the front seats. You can select one very easily with the MBP button.

**MBP-A:** best suited for the person in the front-left seat.

**MBP-B:** best suited for the person in the front-right seat.

Press **(MBP)** repeatedly for the desired listening position.



After one second, the display goes back to the normal playback mode.

To cancel the MBP function, select “MBP-OFF.”

If you want to adjust the sound characteristics more precisely, you can do it using the **(SEL)** button (see “Adjusting the sound characteristics” on page 20).

#### Notes

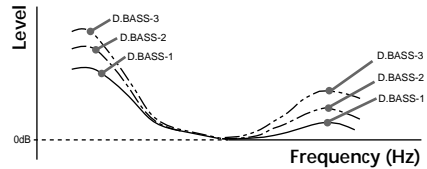
- If you *adjust any sound characteristics by using the **(SEL)** button (page 20), the MBP setting returns to OFF.*
- *When MBP is set to OFF, the sound setting you adjusted (page 20) is activated.*

## Boosting the bass sound

### — D-bass

You can enjoy a clear and powerful bass sound. The D-bass function boosts the low frequency signal 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.

#### Note

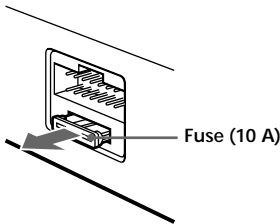
*The bass sound may distort at same volume. If the bass sound distorts, select less effective bass curve.*

# 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.

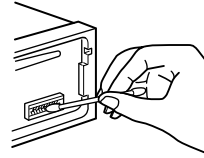


### Warning

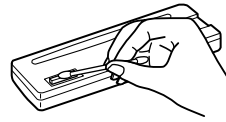
Never use a fuse with an amperage rating exceeding the one supplied with the unit as this could damage the unit.

### Cleaning the connectors

The unit may not function properly if the connectors between the unit and the front panel are not clean. In order to prevent this, detach the front panel (page 8) 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



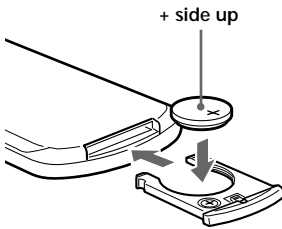
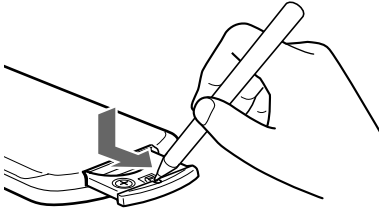
Back of the front panel

### Notes

- For safety, turn off the ignition before cleaning the connectors, and remove the key from the ignition switch.
- Never touch the connectors directly with your fingers or with any metal device.

## 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. Use of any other battery may present a risk of fire or explosion.



## 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

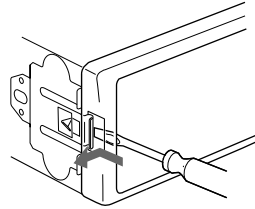
Battery may explode if mistreated.  
Do not recharge, disassemble, or dispose of in fire.

## Removing the unit

### 1 Remove the front cover

① Detach the front panel (page 8).

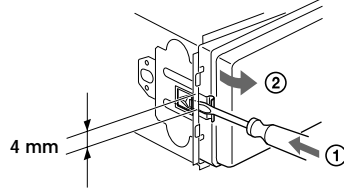
② Press the clip inside the front cover with a thin screwdriver.



③ Repeat step ② for the other side.

### 2 Remove the unit

① 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.



② Repeat step ① for the right side.

③ Slide the unit out of its 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 $\mu$ V LW: 40 $\mu$ V

## Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 – 8 ohms
Maximum power output	50 W $\times$ 4 (at 4 ohms)

## General

Outputs	Power aerial relay control lead
Inputs	Telephone ATT 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 earth)
Dimensions	Approx. 178 $\times$ 50 $\times$ 177 mm (w/h/d)
Mounting dimensions	Approx. 182 $\times$ 53 $\times$ 161 mm (w/h/d)
Mass	Approx. 1.2 kg
Supplied accessories	Parts for installation and connections (1 set) Front panel case (1) Card remote commander RM-X115
Optional accessory	Rotary commander RM-X4S
Optional equipment	CD changer (10 discs) CDX-656X CD changer (6 discs) CDX-T69X MD changer (6 discs) MDX-66XLP MG Memory Stick System-up Player MGS-X1

### Note

*This unit cannot be connected to a digital preamplifier or an equalizer.*

*Design and specifications are subject to change without notice.*



---

# Troubleshooting

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

---

## General

---

### No sound.

- Rotate the VOL control dial clockwise to adjust the volume.
- Cancel the ATT function.
- Set the fader control to the centre position for a 2-speaker system.

---

### The contents of the memory have been erased.

- The RESET button has been pressed.  
→ Store again into the memory.
- The power cord or battery has been disconnected.
- The power connecting cord is not connected properly.

---

### No beep sound.

The beep sound is cancelled (page 20).

---

### Indications disappear from/do not appear in the display.

- The clock display disappears if you press **(OFF)** for 2 seconds.  
→ Press **(OFF)** again for 2 seconds to display the clock.
- Remove the front panel and clean the connectors. See "Cleaning the connectors" (page 22) for details.

---

### When stopping playback or radio reception, the clock is not displayed.

M.DSPL is displayed (M.DSPL mode was set to 1 or 2).  
→ Set the M.DSPL mode to "off" (page 20).

---

### Stored stations and correct time are erased. The fuse has blown.

---

### Makes noise when the ignition key is in the ON, ACC, or OFF position.

The leads are not matched correctly with the car's accessory power connector.

---

### No power is being supplied to the unit.

- Check the connection. If everything is in order, check the fuse.
- The car does not have an ACC position.  
→ Press **(SOURCE)** (or insert a disc) to turn on the unit.

---

### The power is continuously supplied to the unit.

The car does not have an ACC position.

---

### The power aerial does not extend.

The power aerial does not have a relay box.

---

## CD playback

---

### A disc cannot be loaded.

- Another CD is already loaded.
- The CD is forcibly inserted upside down or in the wrong way.

---

### Playback does not begin.

- Dirty or defective disc.
- CD-R/CD-RW that is not finalized.
- You tried to playback a CD-R/CD-RW not designed for audio use.
- Some CD-Rs/CD-RWs may not play due to its recording equipment or the disc condition.

---

### A disc is automatically ejected.

The ambient temperature exceeds 50°C.

---

### CD will not be ejected.

---

### The operation buttons do not function.

Press the RESET button.

---

### The sound skips from vibration.

- 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.

Dirty or defective disc.

continue to next page →

## Radio reception

Preset tuning is not possible.

- 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.)
- Check the connection of the car aerial.
- The auto aerial will not go up.
  - Check the connection of the power aerial control lead.
- Check the frequency.

Automatic tuning is not possible.

- The local seek mode is set to "ON."
  - Set the local seek mode to "OFF" (page 14).
- The broadcast signal is too weak.
  - Perform manual tuning.

The "ST" indication flashes.

- Tune in the frequency accurately.
- The broadcast signal is too weak.
  - Set to the monaural reception mode (page 14).

A programme broadcast in stereo is heard in monaural.

- The unit is in monaural reception mode.
  - Cancel monaural reception mode (page 14).

## RDS

The SEEK starts after a few seconds of listening.

- The station is non-TP or has weak signal.
  - Press (TA) repeatedly until "TA-OFF" appears.

No traffic announcements.

- Activate "TA."
- The station does not broadcast any traffic announcements despite being TP.
  - Tune in another station.

PTY displays "-----."

- The current station is not an RDS station.
- RDS data has not been received.

## Error displays/Messages

### Error displays

The following indications will flash for about 5 seconds, and an alarm sound will be heard.

#### ERROR\*1

- A CD is dirty or inserted upside down.
  - Clean or insert the CD correctly\*2.
- A CD cannot play because of some problem.
  - Insert another CD\*2.

#### HI TEMP

- The ambient temperature is more than 50°C.
  - Wait until the temperature goes down below 50°C.

#### NO DISC

- No disc is inserted in the CD unit.
  - Insert discs in the CD unit.

#### RESET

- The CD unit cannot be operated because of some problem.
  - Press the RESET button on the unit.

\*1 When an error occurs during playback of a CD, the disc number of the CD does not appear in the display.

\*2 The disc number of the disc causing the error appears in the display.

If these solutions do not help improve the situation, consult your nearest Sony dealer.

## Messages

#### L.SEEK +/-

- The Local Seek mode is on during automatic tuning (page 14).

#### NO AF

- There is no alternative frequency for the current station.



# 鳴謝惠顧！

感謝惠購本 Sony CD 播放機。使用以下附件，您更能涉趣於本機的多項功能：

- 選購的 CD/MD 裝置（換碟機和播放機均在內）\*1。
- CD TEXT 資訊（當 CD TEXT\*2 唱碟在播放時顯示）。
- 提供的操作附件  
卡片式遙控器  
RM-X115
- 選購的操作附件  
旋轉式控制器  
RM-X4S

\*1 本裝置僅與 Sony 產品一起使用。

\*2 CD TEXT 唱碟是一種音頻 CD，包含了諸如唱碟名稱，著者名和曲目名稱之類的資訊。這些資訊錄製在唱碟上。

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## CD 收音機

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\* 配合選購件 CD/MD 裝置使用時可用功能。

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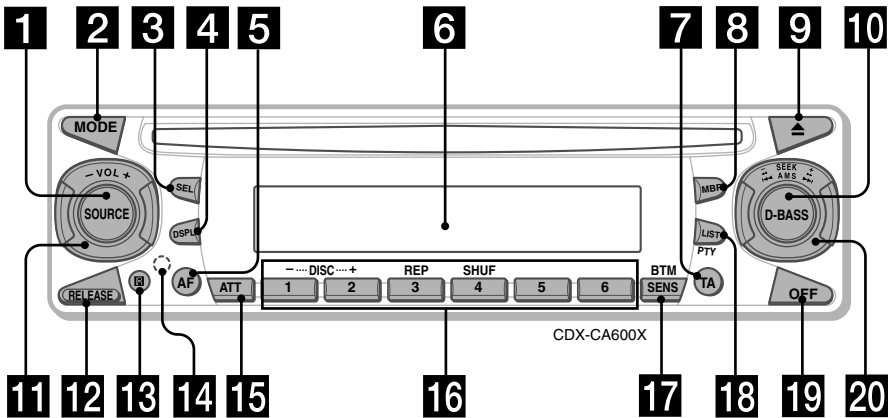
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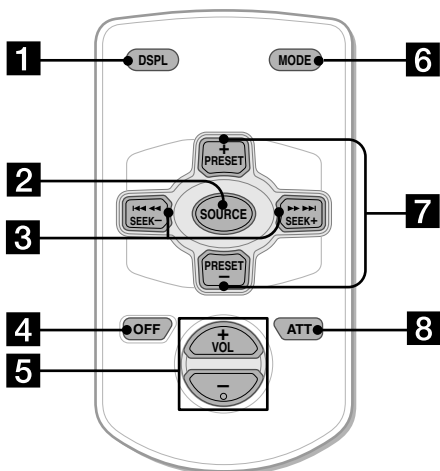
# 控制器的位置



詳細說明，請參見有關頁面。

- 1** SOURCE (電源開啓/收音機/CD/MD) 按鈕 9, 10, 12, 13, 16
  - 2** MODE 按鈕 10, 12, 13, 16
  - 3** SEL (選擇) 按鈕 9, 10, 11, 12, 18, 20, 21
  - 4** DSPL (顯示方式變換) 按鈕 9, 10, 12, 14
  - 5** AF 按鈕 15, 16
  - 6** 顯示屏
  - 7** TA 按鈕 16
  - 8** MBP (我的最佳音位) 按鈕 21
  - 9** ▲ (退出) 按鈕 9
  - 10** D-BASS 按鈕 21
  - 11** VOL (音量) -/+ 控制撥盤 9, 11, 12, 16, 20
  - 12** RELEASE (前面板卸除) 按鈕 8
  - 13** 卡片式遙控器的感應器
  - 14** RESET 按鈕 (位於本機正面, 前面板後面) 7
  - 15** ATT (通報) 按鈕 20
  - 16** 數字按鈕 10, 13, 15, 16, 18, 20
    - ① DISC- 10
    - ② DISC+ 10
    - ③ REP 11
    - ④ SHUF 11
  - 17** SENS/BTM 按鈕 13, 14, 16
  - 18** LIST/PTY (節目類型) 按鈕 11, 12, 17
  - 19** OFF 按鈕\* 8, 9
  - 20** SEEK/AMS -/+ 控制撥盤 9, 12, 13, 14, 15, 17
- \* 安裝在點火鑰匙開關上沒有 ACC (輔助) 位置的汽車上時的警告  
 在關掉汽車引擎之後, 一定請按下機器上的 (OFF) 兩秒以關掉時鐘顯示。  
 反之, 時鐘顯示則未被關閉並徒耗電池。

## 卡片式遙控器 RM-X115



卡片式遙控器上與本機上相對應的按鈕控制相同的功能。

- 1 DSPL 按鈕
- 2 SOURCE 按鈕
- 3 SEEK (-/+) 按鈕
- 4 OFF 按鈕
- 5 VOL (+/-) 按鈕
- 6 MODE 按鈕
- 7 DISC/PRESET (+/-) 按鈕
- 8 ATT 按鈕

### 註

按住 **OFF** 2 秒關閉機器電源後，除非先按機器上的 **SOURCE** 或裝入一張唱碟激活機器，否則無法用卡片式遙控器對其遙控操作。

### 提示

關於如何更換電池的細節，請參閱“更換鋰電池”之章節（第 23 頁）。

## 使用前注意事項

- 倘若您的座車停泊在直射陽光下，須先使本機充分冷卻後再進行操作。
- 本機處於工作狀態時，動力伸縮天線將自動伸出。

若您有什么關於本機的問題或困難，而本說明書沒有提及，請向您附近的 Sony 經銷商諮詢。

### 濕氣凝結

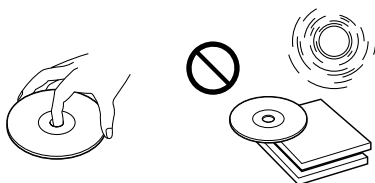
在雨天或極潮濕的地區，本機內的透鏡和顯示屏內會產生濕氣冷凝。若發生此類情況，本裝置將無法正常工作。在此情況下，必須取出唱碟，並等待一小時左右，直至濕氣蒸發後再使用。

### 為保持高品質聲音

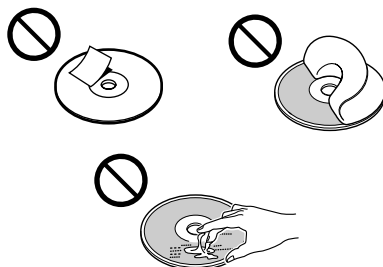
時刻當心，切勿將果汁或其它飲料濺在本機或唱碟上。

## CD 唱碟須知

- 為了保持碟片清潔，請勿觸摸它的表面。手持碟片時請拿住它的邊緣。
- 請把閒置的光碟存放在它們的封套或碟片匣內。勿使光碟受熱和高溫。避免把光碟遺留在停泊的車內、儀表盤或後托架上。



- 請勿在碟面貼標籤，或播放沾染粘性印墨或殘余粘膠的光碟。一旦使用此類光碟，會導致裝置故障或損壞光碟。



- 請勿使用粘有任何標籤或貼紙的光碟。使用此類光碟可能會引起下列故障：
  - 無法退出光碟（由於標籤或貼紙剝落並阻塞退出機構）。
  - 由於貼紙或標籤的熱漲冷縮導致光碟彎曲無法正確讀取音頻資料（例如：播放跳躍，或無法播放）。
- 本機不能播放非標準形狀的光碟（如，心型，正方形，星型）。若是試圖播放此類光碟，則可能損壞本機。切勿使用此類光碟。
- 您不能播放 8cm 規格的光碟。



- 播放前，請用市場銷售的清潔布清潔碟面。請從中央起由內及外地擦拭每張光碟。切勿使用酒精、稀釋劑、市場銷售的清潔劑、或留聲機唱片專用的抗靜電噴霧等溶劑。



### CD-R/CD-RW 光碟的注意事項

- 本機可播放專為音頻設計的 CD-R 光碟（可錄 CD）/CD-RW 光碟（可重寫 CD）。注意這些標誌，來辨別作為音頻使用的 CD-R/CD-RW 光碟。



這些標誌表示此光碟非音頻使用。



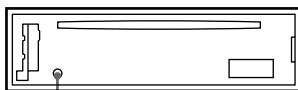
- 本機可能無法播放某些 CD-R/CD-RW 光碟（視光碟錄製時所用設備或光碟狀況而定）。
  - 本機無法播放尚未最終化的 CD-R/CD-RW 光碟。\*
- \* 為使錄製的光碟能在音頻 CD 播放機上播放而必需的一個處理過程。

## 準備工作

### 重調本機

在第一次使用本機前或更換汽車電池後，必須重調本機。

卸下前面板並用帶尖頭的物體，如原子筆等，按下 RESET 按鈕。



RESET 按鈕

註

按壓 RESET 按鈕，將消除時鐘和某些已記憶的內容。

# 拆卸前面板

您可卸下本機前面板，以防止本機被偷盜。

## 報警

若您未拆除前面板即把點火匙開關旋轉至 OFF 檔，報警器將發出數秒鐘的“嘟嘟”聲。

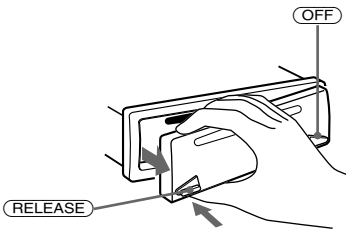
您如接用選購的功率放大器，而不用內置放大器，則不會發出警報聲。

### 1 按下 (OFF) 按鈕\*。

停止播放 CD 或接收電台（按鍵照明和顯示仍在）。

\* 如果汽車的點火匙開關沒有 ACC 位，必須按住 (OFF) 2 秒關閉本機電源，以免浪費汽車電池。

### 2 按下 (RELEASE)，然後將其朝自己身體方向拉出。



## 註

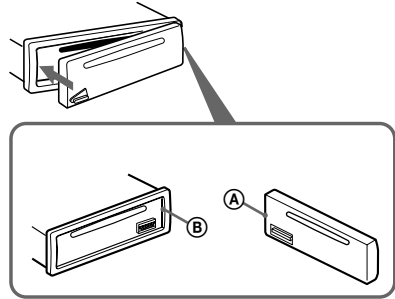
- 若您在機器接通電源時卸下前面板，電源將會自動地關掉以防揚聲器受損。
- 切勿摔落或猛按本機的前面板及顯示窗。
- 切勿使前面板受熱和高溫或受潮。避免將前面板遺留在停泊的車廂內、儀表盤或後托架上。

## 提示

當您要攜帶前面板時，請將它放在附帶的前面板盒內攜帶。

# 安裝前面板

如圖所示將前面板的 (A) 部分裝到機器上的 (B) 部分，然後將左邊推入至卡住為止。



## 註

不要在前面板內面夾住任何東西。

## 設定時鐘

時鐘採用 24 小時數字顯示。

例如：將時鐘設定為 10 : 08

- 1 按住 **(DSPL)** 鍵 2 秒鐘。  
點鐘顯示閃爍。



- 1 轉動音量控制度盤以設定小時。
- 2 按下 **(SEL)** 鍵。  
分鐘顯示閃爍。
- 3 轉動音量控制度盤以設定分鐘。

- 2 按下 **(DSPL)** 按鈕。



時鐘啟動。設定完時鐘之後，顯示即返回正常收音模式。

### 註

您可以用 RDS 功能自動設定時鐘（第 18 頁）。

## CD 收音機 CD/MD 裝置（選購件）

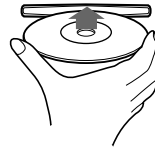
除用本機播放 CD 外，您還可操縱外接的 CD/MD 裝置。

如果連接一擁有 CD TEXT 功能的選購件 CD 裝置時，則當播放 CD TEXT 唱碟時，便能顯示 CD TEXT 資訊。

## 播放唱碟

（使用本機）

裝入 CD（標籤面朝上）。



收音自動開始。

如已裝入唱碟，則反覆按 **(SOURCE)** 直至“CD”出現在顯示屏上，即可開始播放。

要	操作
停止播放	操作 <b>(OFF)</b> 按鈕。
退出唱碟	操作 <b>▲</b> 。
跳躍樂曲 - 自動音樂 傳感器	轉動 SEEK/AMS 控制撥盤。 [每次跳躍一個樂曲]
快進/快倒 - 手動搜索	轉動 SEEK/AMS 控制撥盤。 [按住按鈕，直至找到希望的收聽位置]

### 註

- 當最後一個樂曲播完時，播放機將從光碟的首個樂曲重新開始播放。
- 連接有選購裝置時，同一聲源將下接到選購裝置 CD/MD 上播放。

續下頁 →

## (配合選購裝置)

- 反覆按 **(SOURCE)** 以選擇“CD”或“MD (MS\*)”。
- 反覆按 **(MODE)** 鍵直至所要裝置的顯示出現。  
播放隨即開始。

\* MS: MG Memory Stick System-up Player  
MGS-X1

要	按
跳過唱碟	<b>(1)</b> (DISC -) 或
-唱碟選擇	<b>(2)</b> (DISC +)

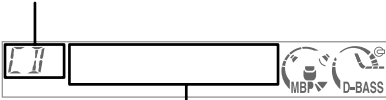
### 連接 MGS-X1 和 MD 裝置時的注意事項

本機將把 MGS-X1 識別為一個 MD 裝置。

- 如果你想播放 MGS-X1，按 **(SOURCE)** 選擇“MS”或“MD”。如果“MS”出現在源顯示上，MGS-X1 開始播放。如果“MD”出現在源顯示上，按 **(MODE)** 選擇“MS”開始播放。
- 如果你想播放 MD 裝置，按 **(SOURCE)** 選擇“MD”或“MS”。如果所要的 MD 裝置出現在源顯示上，就開始播放。如果“MS”或另一個 MD 裝置出現在源顯示上，按 **(MODE)** 選擇另一個 MD 裝置開始播放。

## 顯示項目

### 播放音源 (唱碟編號\*1)



#### 可顯示項目

- 時鐘
- 曲名/已播放時間
- 唱碟名稱\*2/演員姓名\*3
- 樂曲標題\*4

要	按
切換顯示項	<b>(DSPL)</b>

- \*1 當連接了選購 CD/MD 裝置時。
- \*2 當按 **(DSPL)** 按鈕，“NO NAME”表明沒有可供顯示的唱碟備註 (第 11 頁) 或預錄名稱。
- \*3 僅用於帶演員姓名的 CD TEXT 唱碟。
- \*4 僅用於帶樂曲標題的 CD TEXT 唱碟。

### 註

- 光碟名稱、演員姓名和樂曲標題最多以 8 個字符顯示。
- 有些字符無法顯示。
- 本機不能對 CD TEXT 唱碟上每首樂曲的演員姓名都顯示。

## 自動滾動名稱

### — 自動滾動功能

若 CD TEXT 唱碟上的唱碟名稱、作者名或曲目名稱超過 8 個字符，並且自動滾動功能已被打開時，它們將自動滾動顯示如下：

- 當唱碟已被更換時 (若該唱碟名稱已被選定)，顯示唱碟名稱。
- 當曲目已經改變時 (若該曲目名稱已被選定)，顯示曲目名稱。

若您按下 **(DSPL)** 鍵改變顯示項目，不論將功能設定在打開還是關閉，唱碟名稱或曲目名稱將自動地滾動。

### 選擇“A. SCRL-ON”

在播放中，同時按 **(SEL)** 鍵和 **(3)** 鍵。

正常顯示在 2 秒鐘內自動出現。

要選擇“A. SCRL-OFF”時，再同時按 **(SEL)** 鍵和 **(3)** 鍵。

### 註

對帶有很多字符的唱碟，可能會有下列情況：

- 有些字符不顯示。
- 自動滾動不起作用。

## 反覆播放樂曲

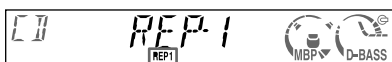
### — 重複播放

對於在主機中播放的唱碟，在一首樂曲或整張唱碟播放至結尾時，能夠重複播放該首樂曲或該張唱碟。重複播放可選擇：

- REP-1 — 重複播放一首樂曲。
- REP-2\* — 重複播放一張唱碟。

\* 僅可用於連接有一個或多個 CD/MD 選購裝置時。

播放中，反覆按 (3) (REP) 至顯示器中出現所要的設定。



“REP” 指示顯示。

反覆播放開始。

要回到正常收音模式時，請選擇 “REP-OFF” 即可。

## 以任意順序播放樂曲

### — 任意播放功能

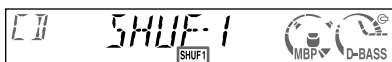
可選：

- SHUF-1 — 任意順序地播放當前唱碟中的曲子。
- SHUF-2\*1 — 以任意順序播放當前 CD (MD) 選購裝置中的樂曲。
- SHUF-ALL\*2 — 以任意順序播放所有連接的 CD (MD) 裝置 (包括本機) 中的全部樂曲。

\*1 僅可用於連接有一個或多個 CD (MD) 選購裝置時。

\*2 僅可用於連接有一個或多個 CD 選購裝置，或連接兩個或兩個以上 MD 選購裝置時。

播放中，反覆按 (4) (SHUF) 至顯示器中出現所要的設定。



“SHUF” 指示顯示。

任意播放開始。

要回到正常收音模式時，請選擇 “SHUF-OFF” 即可。

### 註

“SHUF-ALL” 不會打亂 CD 裝置和 MD 裝置互相之間的樂曲順序。

## 標記 CD

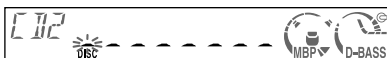
### — 唱碟記憶功能 (用於帶用戶檔案功能的 CD 裝置)

您能用自定義名稱標記每張唱碟 (唱碟記憶功能)。您能給每張唱碟輸入至多 8 個字符。您若給 CD 標記，則可通過名稱尋找唱碟 (第 12 頁)。

1 開始播放要在 CD 裝置中用 CUSTOM FILE 功能進行標記的唱碟。

2 按住 (LIST/PTY) 鍵 2 秒鐘。

名稱編輯方式



在標記過程中，本機將重複播放該唱碟。

3 輸入字符。

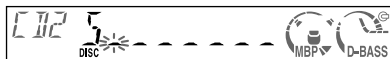
① 轉動 VOL 控制撥盤，以選擇所要的字符。

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

若要在字符間加入一個空格，則選擇 “-”。

② 在找到所要的字符後，按下 (SEL) 。

下一個字符閃爍。



③ 重複步驟 ① 和步驟 ② 操作以輸入整個名稱。

4 要回到普通的 CD 播放方式時，請按住 (LIST/PTY) 鍵 2 秒鐘。

### 提示

- 要更正或消除一個名稱，僅需覆蓋寫入新名稱或輸入 “.”。
- 如連接了帶用戶檔案功能的 CD 裝置，則可以在不帶用戶檔案功能的裝置中對 CD 進行標記。唱碟記憶內容將存儲在具有用戶檔案功能之 CD 裝置的記憶體中。

續下頁 →

## 觀看唱碟記憶內容

唱碟記憶內容作為顯示項之一，其顯示總是優先於唱碟中原有的 CD TEXT 資訊。

要	按
觀看	在播放 CD 或 CD TEXT 唱碟時按 <b>(DSPL)</b>

## 消除唱碟記憶

- 1 反覆按 **(SOURCE)** 以選擇“CD”。
- 2 反覆按 **(MODE)** 以選擇存有唱碟記憶內容的 CD 裝置。
- 3 按住 **(LIST/PTY)** 鍵 2 秒鐘。
- 4 按住 **(DSPL)** 鍵 2 秒鐘。
- 5 轉動 VOL 控制撥盤以選擇要刪除的唱碟名。
- 6 按住 **(SEL)** 2 秒鐘。  
該名稱即被消除。  
若要消除其它名稱，請重複步驟 5 和步驟 6 操作。
- 7 按住 **(LIST/PTY)** 2 秒鐘。  
本機即回到普通的 CD 播放方式。

### 註

- 當 CD TEXT 唱碟的唱碟記憶內容被消除後，將顯示原有的 CD TEXT 資訊。
- 如果未找到您想要消除的唱碟記憶內容，請嘗試在步驟 2 中選擇另一張 CD。

## 通過名稱尋找唱碟

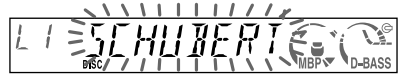
— 列表功能（用於帶用戶檔案功能的 CD 裝置或 MD 裝置）

您能對經過自定義命名的唱碟\*1 或 CD TEXT 唱碟\*2 使用此功能。

\*1 通過其自定義名稱尋找唱碟：您須為這張 CD（第 11 頁）或 MD 唱碟指定名稱。

\*2 通過 CD TEXT 資訊尋找唱碟：您須在具有 CD TEXT 功能的 CD 裝置上播放 CD TEXT 唱碟。

- 1 按下 **(LIST/PTY)**。  
為當前播放唱碟所指定的名稱即出現在顯示屏上。



- 2 反覆按 **(LIST/PTY)** 至找到所要的唱碟。
- 3 轉動 SEEK/AMS 控制度盤以播放唱碟。

### 註

- 當唱碟名稱顯示達 5 秒鐘，顯示將返回到普通播放方式。
- 若處於 MD 播放時，不顯示樂曲名稱。
- 若唱碟匣中沒有唱碟，顯示屏中出現“NO DISC”。
- 若唱碟未被指定唯一個字定義檔案，顯示屏中出現“NO NAME”。
- 若唱碟資訊未能被本裝置讀取，顯示屏中出現“NOT READ”。若要裝入唱碟，請先按號碼鍵，然後選擇尚未裝入的唱碟。
- 有關資訊僅在以上情況出現。有些字母無法顯示（MD 播放時）。

# 收音機

本機在每一波段（FM1，FM2，FM3，MW 和 LW）上最多可存儲六個電台。

## 警告

當在駕車過程中要調諧電台時，須使用最佳調諧記憶功能，以免發生事故。

## 自動存儲電台

### — 最佳調諧記憶功能（BTM）

本機在選定的波段上篩選信號最強的電台，並按照它們的頻率順序進行存儲。

- 1 反覆按 **(SOURCE)** 鍵，選擇收音機。
- 2 反覆按 **(MODE)** 以選擇波段。
- 3 按住 **(SENS/BTM)** 鍵 2 秒鐘。  
本機按照電台的頻率順序將電台存儲在數字鍵上。存入了設定時，將響起“嘟嘟”聲。

#### 註

- 若因信號微弱之故僅能接收到很少電台，則某些數字按鈕仍將保留其以前的設定。
- 當顯示屏上顯示一個數字時，本機會從當前顯示的數字開始存儲電台。

## 僅存儲所要的電台

您可在任何指定的數字按鈕上手動預設所想要的電台。

- 1 反覆按 **(SOURCE)** 以選擇收音機。
- 2 反覆按 **(MODE)** 以選擇波段。
- 3 轉動 SEEK/AMS 控制度盤以調入您希望存儲的電台。
- 4 按下所要的數字鍵（**①** 至 **⑥**），至顯示“MEM”。  
數字鍵指示即出現在顯示屏上。

#### 註

若您試圖在同一數字按鈕上存儲另一個電台，則以前存入的電台將被消除。

## 收聽所存儲的電台

- 1 反覆按 **(SOURCE)** 以選擇收音機。
- 2 反覆按 **(MODE)** 以選擇波段。
- 3 按下存有所要電台的數字按鈕（**①** 至 **⑥**）。

續下頁 →

## 如果預設的調諧無效

### 一 自動調諧/本地尋找模式

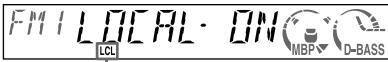
#### 自動調諧:

轉動 SEEK/AMS 控制撥盤搜尋電台。

當本機接收到電台時，掃描即停止。轉動 SEEK/AMS 控制撥盤，直至接收到想要的電台。

#### 本地尋找模式:

若自動調諧停止過於頻繁，請反覆按下 (SENS/BTM) 鍵直至“LOCAL-ON”出現。



“LCL”指示顯示。

僅信號相對較強的電台才會被調入。

#### 提示

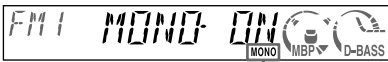
若您知道想要收聽的電台頻率，可轉動 SEEK/AMS 控制撥盤，直至出現所要的頻率。

### 若 FM 立體聲的收音狀況不良

#### 一 單聲道模式

收音機接收廣播中，反覆按下鍵

(SENS/BTM) 直至“MONO-ON”出現。



“MONO”指示顯示。

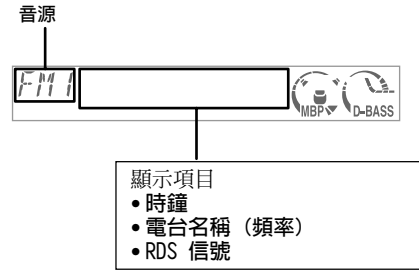
聲音狀況得到改善，但變成單聲道（“st”顯示消失）。

要回到普通模式時，選擇“MONO-OFF”即可。

## RDS

### RDS 概述

具有電台資料系統 (RDS) 服務的 FM 電台隨普通的電台節目信號發送無聲的數位資訊。例如，當接收到具有 RDS 功能的電台時將顯示下列某一資訊。



#### 要

#### 按壓

切換時鐘/  
電台名稱

(DSPL)

### RDS 服務

RDS 服務可為您提供以下便利：

- 節目自動重調，用於長途駕駛。-AF → 第 15 頁
- 接收交通狀況通報，即使在欣賞其它節目 / 音源時也能接收。-TA → 第 16 頁
- 按節目類型選擇電台。-PTY → 第 17 頁
- 自動時鐘設定。-CT → 第 18 頁

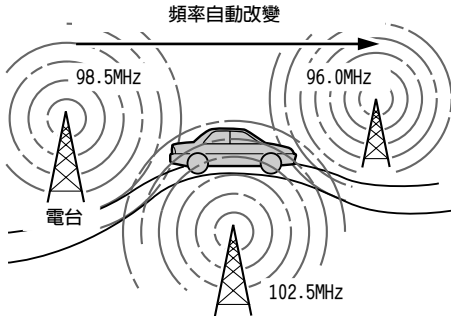
#### 註

- 根據所處國家和地區的不同，並非 RDS 功能的所有服務都能提供。
- 如果信號太微弱或如果您調入的電台未正常發送 RDS 信號，則 RDS 可能無法正常工作。



# 自動重調獲得最佳接收效果 — 變頻 (AF)

變頻 (AF) 功能能使電台始終將您正在收聽的電台調到該地區的最強信號。



1 選擇一個 FM 電台 (第 13 頁)

2 反覆按下 (AF) 鍵，直到顯示“AF-ON”為止。

本機開始搜尋在同一傳播網中信號最強的變頻電台。

若“NO AF”閃爍，則當前調入的電台沒有變頻功能。

## 註

- 在播放 CD 時如果您想要改變開 / 關設定，則按 (AF)。
- 若在此區域沒有變頻電台且您無需搜尋變頻電台時，反覆按 (AF) 鍵關閉 AF 功能，直到顯示“AF-OFF”為止。

## 關於無變頻功能的電台

在電台名稱閃爍時 (8 秒鐘內)，轉動 SEEK/AMS 控制撥盤。

機開始搜尋有相同 PI (節目識別) 數據的另一頻率 (“PI SEEK”顯示出現)。

如果本機尋找不到同樣的 PI，本機自動返回先前所選的頻率。

## 固定某一區域節目

當 AF 功能為開：本裝置的出廠設定是將電台的接收限制在一個指定的區域，因此您無法切換到另一個電台更強頻率的區域。

如果您離開該區域節目的接收地區，或想要利用整個 AF 功能，請按住 (AF) 2 秒鐘，直至出現“REG-OFF”。

## 註

本功能在英國和其他某些區域不起作用。

## 本地聯接功能 (僅限於英國)

即使該區域內的其他本地電台沒有存儲在數字鍵上，本地聯接功能也可使您選擇它們。

1 按存儲有本地電台的數字鍵 (① 至 ⑥)。

2 5 秒鐘內，再按這個本地電台的數字鍵。

3 重複這一程序，直到接收到想要的本地電台為止。

# 接收交通狀況通報節目

## — TA/TP

啓動交通狀況通報 (TA) 和交通節目 (TP)。您可以自動調入一個正在播送交通狀況通報的 FM 電台。這些設定的操作無須考慮當前的 FM 節目 / 音源和 CD；當通報結束時，本裝置切換回原來的音源。

反覆按下 **(TA)** 鍵，直到顯示“TA-ON”為止。

本機開始搜尋交通資訊臺。

“TP”表示這類電台的接收，“TA”在實際的交通狀況通報時閃爍。如果顯示“NO TP”，裝置將繼續搜尋具有 TP 的電台。

要取消所有交通狀況通報節目，選擇“TA-OFF”。

要	按壓
取消當前通報	<b>(TA)</b>

### 提示

按 **(SOURCE)** 或 **(MODE)** 就可取消當前的通報。

### 預設交通狀況通報節目播出音量。

您可以預先設定交通狀況通報節目播放音量，這樣不致使您錯過收聽此節目。

**1** 轉動 VOL 控制撥盤，以調整所要的音量電平。

**2** 按下 **(TA)** 鍵 2 秒鐘。  
出現“TA”顯示，設定值被存儲。

### 接收緊急通報廣播

當 AF 或 TA 其中之一開啓，如果正在收聽 FM 電台或 CD 時有緊急通報進入，裝置將切換至接收緊急通報。

# 預設帶 AF 和 TA 設定的 RDS 電台

當您預設 RDS 電台時，本機存儲電台的 AF/TA 設定（開 / 關）和頻率。您可以為各個預設電台選擇不同的設定值（AF，TA 或兩者）或為所有的預設電台選擇相同的設定值。如果預設的電台為“AF ON”，本機將自動儲存無線電信號最強的電台。

### 為所有預設電台預設相同的設定值

**1** 選擇一個 FM 波段（第 13 頁）。

**2** 按下 **(AF)** 和 / 或 **(TA)** 鍵以選擇“AF-ON”和 / 或“TA-ON”。

應注意，選擇“AF-OFF”和“TA-OFF”，適用於非 RDS 電台也適用於 RDS 電台。

**3** 按下 **(SENS/BTM)** 鍵，直至閃爍“BTM”字樣為止。

### 為每個預設電台預設不同的設定值

**1** 選擇一個 FM 波段，調入想要的電台。

**2** 按下 **(AF)** 和 / 或 **(TA)** 鍵以選擇“AF-ON”和 / 或“TA-ON”。

**3** 按下想要的數字鍵直到出現“MEM”字樣為止。  
從步驟 1 開始重複以上步驟，預設其他電台。

### 註

當正在播放 CD 時要改變 AF/TA 設定，可按 **(AF)** 或 **(TA)**。

## 按節目類型調入電台 — PTY

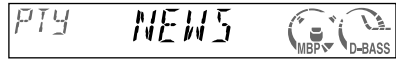
通過選擇您想要收聽的節目類型調入電台。

節目類型	顯示
新聞節目	NEWS
時事節目	AFFAIRS
資訊	INFO
體育節目	SPORT
教育節目	EDUCATE
戲劇	DRAMA
文化	CULTURE
科學節目	SCIENCE
各種節目	VARIED
流行音樂節目	POP M
搖滾音樂節目	ROCK M
輕鬆音樂	EASY M
輕音樂	LIGHT M
古典音樂	CLASSICS
其它音樂類型	OTHER M
天氣預報	WEATHER
金融	FINANCE
兒童節目	CHILDREN
社會時事	SOCIAL A
宗教內容的節目	RELIGION
來電討論節目	PHONE IN
旅遊節目	TRAVEL
娛樂節目	LEISURE
爵士樂節目	JAZZ
鄉村音樂節目	COUNTRY
民族音樂節目	NATION M
老音樂節目	OLDIES
民間音樂節目	FOLK M
紀實節目	DOCUMENT

### 註

在沒有 PTY (節目類型選擇) 數據的某些國家無法使用本功能。

### 1 在 FM 接收時按 (LIST/PTY)。



如果電台正在發送 PTY 數據，則顯示當前節目類型名稱。如果接收到的電台不是 RDS 電台，或如果沒有接收到 RDS 數據，則會出現“-----”顯示。

### 2 反覆按下 (LIST/PTY) 鍵的一側，直到出現想要的節目類型為止。

節目類型按列表中所示的順序顯示。如果在 RDS 資料中未指定節目類型，則出現“NONE”。



### 3 轉動 SEEK/AMS 控制撥盤。

本機開始搜尋播出所選節目類型的電台。

## 自動設定時鐘 — CT

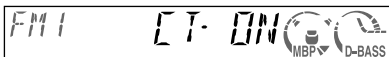
從 RDS 傳輸來的 CT (時鐘時間) 數據自動設定時鐘。

### 選擇 “CT-ON”

接收無線電節目時，在播放中同時按

**(SEL)** 鍵和 **(2)** 鍵。

時鐘被設定。



正常顯示在 1 秒鐘內自動出現。

要選擇 “CT-OFF” 時，再同時按 **(SEL)** 鍵和 **(2)** 鍵。

### 註

- 即使正在接收 RDS 電台，CT 功能也可能會不工作。
- 用 CT 功能設定的時間與實際時間可能有誤差。

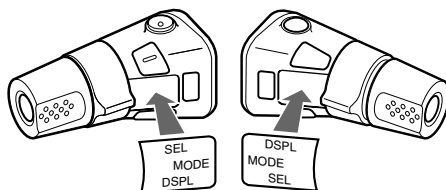
## 其它功能

您也可以用旋轉式控制器 (選購) 控制本機 (和選購的 CD/MD 裝置)。

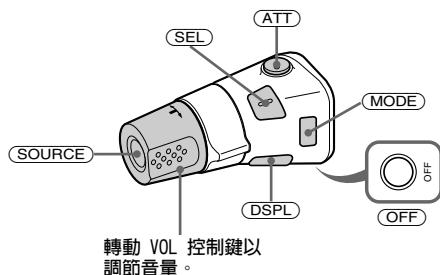
## 使用旋轉式控制器

首先，根據您設想的旋轉式控制器安裝方式貼上合適的標籤。

您可通過按按鍵和/或轉動控制器操作旋轉式控制器。



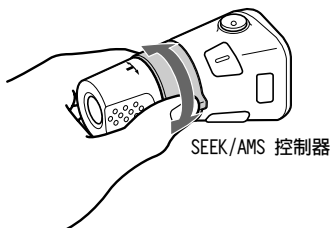
## 通過按壓按鈕



按	可進行
<b>(SOURCE)</b>	改變聲源 (收音機/CD/MD*1)
<b>(MODE)</b>	改變操作 (收音機波段/CD 裝置/ MD 裝置*1)
<b>(ATT)</b>	減弱音量
<b>(OFF)</b> *2	停止播放或收聽電台
<b>(SEL)</b>	調節和選擇
<b>(DSPL)</b>	改變顯示項目

- \*1 僅當連接有相應的選購裝置時。
- \*2 如汽車的點火匙開關沒有 (ACC) 位，您須在汽車熄火後按住 (OFF) 2 秒以關閉時鐘顯示。

## 通過轉動控制器



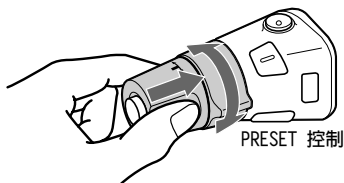
轉動，然後鬆開，即可：

- 跳過樂曲。
- 自動調諧電台。

轉動，握住，然後鬆開，即可：

- 快進/快倒一首樂曲。
- 手動尋找一個電台。

## 推入並轉動控制器



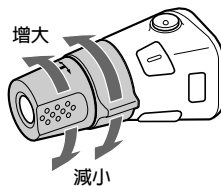
推入並轉動控制器，即可：

- 收聽預設的電台。
- 更換唱碟\*。

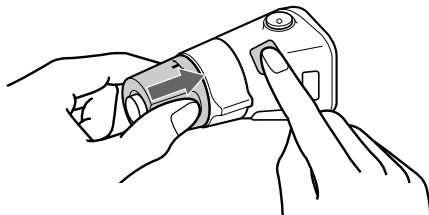
\* 當連接有 CD/MD 選購裝置時。

## 改變操作方向

控制器的操作方向是出廠前設定的，如下圖所示。



若需要將旋轉式控制器安裝在汽車方向盤軸的右側，您可以使控制器的操作方向逆轉。



在推動“VOL”控制器的同時按住 (SEL) 按鈕 2 秒鐘。

## 調節音響特性

您可以調節低音、高音、平衡和顯隱特性。

**1 反覆按 (SEL) 按鈕以選擇要調節的項目。**  
每次按下 (SEL) 按鈕，項目變化如下：

BAS (低音) → TRE (高音) →  
BAL (左-右) → FAD (前-後)

**2 轉動 VOL 控制撥盤調節所選擇的項目。**

**註**

選擇了項目之後，須在 3 秒內進行調整。

## 快速降低音量

按下 (ATT) 鍵。

在“ATT-ON”閃爍片刻後，“ATT”指示出現在顯示屏上。

若要恢復原先的音量水平，再按下 (ATT) 一次。  
“ATT-OFF”顯示片刻。

**提示**

把汽車電話的接口與 ATT 導線連接時，則當來電話時，機器將自動減小音量（電話減音功能）。

## 改變音響和顯示設定

您可設定：

- CT (時鐘時間) (第 18 頁)。
- A.SCRL (自動滾動)\* (第 10 頁)。
- M.DSPL (移動顯示)
  - 在磁帶被退出，且未選擇任何音源時出現的顯示模式。(例如：調諧器被關閉。)
- BEEP - 打開或關閉“嘟嘟”警告聲功能。

**選擇所需項目**

同時按 (SEL) 鍵和所需的預設號碼鍵。

- (SEL) + (2) : CT
- (SEL) + (3) : A.SCRL\*
- (SEL) + (4) : M.DSPL
- (SEL) + (6) : BEEP

\* 當 CD 不在播放時，此項目將不顯示。

當模式設定完成後，即顯示正常播放模式。

**註**

所顯示的項目將因聲源不同而有所不同。

若要取消此項目，再同時按 (SEL) 鍵和預設號碼鍵。

## 選擇音位

### — 我的最佳音位 (MBP)

您獨自駕車而無乘客時，可享受到“我的最佳音位”所帶來的最舒適的聲音境界。

“我的最佳音位”具有兩種預先設定，此設定最適合前排座位。

**MBP-A:** 最適合在前排左邊座位的人。

**MBP-B:** 最適合在前排右邊座位的人。

反覆按 **(MBP)** 以找到您希望的音位。



一秒之後，顯示屏返回正常播放模式。

如要取消 MBP 功能，可選擇“MBP-OFF”。

如果您想要更準確的調節聲音特性，可使用 **(SEL)** 按鈕進行操作。（參見第 20 頁的“調節音響特性”）。

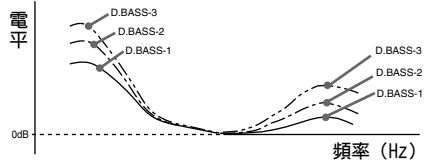
#### 註

- 如果用 **(SEL)** 按鈕調節聲音特性（第 20 頁），MBP 設定將返回 OFF。
- 當 MBP 設定為 OFF，您所調節的聲音設定（第 20 頁）將有效。

## 增強低音 — D 式低音

您能享受清晰而強勁的低音。D 式低音功能比傳統的增強低音更能增強帶有銳曲線的低頻和高頻信號。

即使歌聲處於同一音量上，您也能更清楚地聽到低音線，您可以很容易地用 **(D-BASS)** 鍵加強和調整低音。



### 調整低音曲線

反覆按下 **(D-BASS)** 鍵，選擇所要的低音曲線。

隨著 D-BASS 數字的增加，將產生不同的效果。

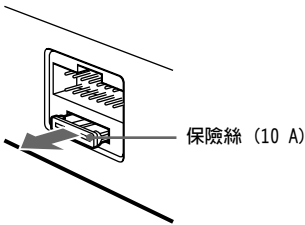
#### 註

同樣的音量水平，隨低音增加，其聲音可能會失真，此情況下，請選擇低音增加效果較少的低音曲線。

## 保養

### 更換保險絲

更換保險絲時，必須確保所使用的保險絲與原保險絲的安培數相同。若保險絲燒斷，請檢查電源連接並再更換保險絲。若保險絲更換後又被燒斷，則可能是內部故障。此時，請向附近的 Sony 經銷商諮詢。

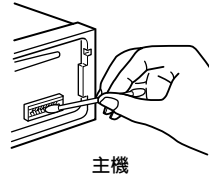


### 警告

切勿使用額定安培數超過本機附帶保險絲安培數的保險絲，否則會損壞本機。

## 清潔連接器

若本機與前面板之間的連接器不乾淨，則本機可能不能正常工作。為防止這種情況發生，請卸下前面板（第 8 頁），然後用蘸有酒精的棉籤清潔連接器。切勿用力過大。否則，連接器可能會被損壞。



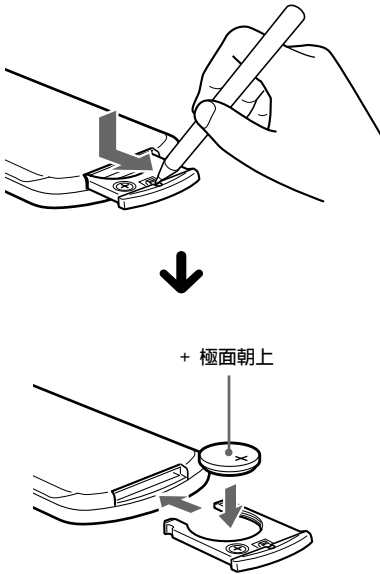
### 註

- 為安全起見，清潔連接器之前請關閉發動機，並從點火開關上拔下鑰匙。
- 千万不要用手指直接觸摸連接器或任何金屬裝置。



## 更換鋰電池

當電池的電力變弱時，卡片式遙控器的能控制操作範圍距離即變得較短。此時，即請更換一個新的 CR2025 鋰電池。使用其它任何電池可能會帶來火災或爆炸的危險。



## 鋰電池須知

- 鋰電池要放在小兒拿不到的地方。萬一誤吞了電池，請立即找醫生看。
- 用乾布擦拭乾淨電池極面以保持良好的接觸性。
- 安裝電池時，一定請認清極性，不要裝錯電極面。
- 別用金屬鑷子去夾電池，因為這會引起短路。

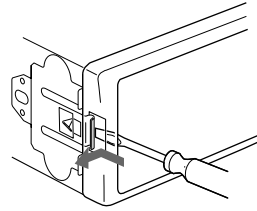
### 警告

處理錯誤，電池可能會爆裂。  
不可試圖給電池充電，加以分解，或投入火中。

## 拆卸本機

### 1 拆卸前蓋

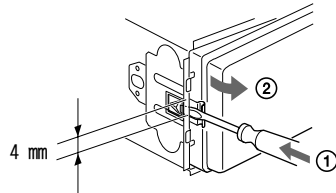
- ① 拆卸前面板（第 8 頁）。
- ② 使用一字螺絲刀按壓前蓋里的鎖緊搭扣。



- ③ 同樣對另一側重複步驟 ②。

### 2 拆卸本機

- ① 使用一字螺絲刀插入本機左側的鎖緊搭扣，然後拉出本機左側直至鎖緊搭扣脫離安裝位置。



- ② 對右側重複步驟 ①。
- ③ 將本機從安裝位置滑出。

# 規格

## CD 收音機部分

信噪比	90 dB
頻率響應	10 - 20,000 Hz
抖晃度	可測限度以下

## 調諧器部分

FM	
調諧範圍	87.5 - 108.0 MHz
天線終端	外接天線連接器
中頻	10.7 MHz/450 kHz
可用靈敏度	8 dBf
選擇度	75 dB (400 kHz 時)
信噪比	66 dB (立體聲) , 72 dB (單聲道) , 0.6 % (立體聲) , 0.3 % (單聲道)
諧波失真, 1 kHz 時	
分離度	35 dB (1 kHz 時)
頻率響應	30 - 15,000 Hz

## MW/LW

調諧範圍	MW: 531 - 1,602 kHz LW: 153 - 279 kHz
天線終端	外接天線連接器
中頻	10.7 MHz/450 kHz
靈敏度	MW: 30 $\mu$ V LW: 40 $\mu$ V

## 功率放大器部分

輸出	揚聲器輸出 (可靠密封連接器)
揚聲器阻抗	4 - 8 $\Omega$
最大功率輸出	50 W $\times$ 4 (4 $\Omega$ 時)

## 總體

輸出	電動天線繼電控制導線
輸入	電話 ATT 控制導線
音調控制	低音 $\pm$ 9 dB (100 Hz 時) 高音 $\pm$ 9 dB (10 kHz 時)
電源	12 V DC 汽車電池 (負接地)
尺寸	約 178 $\times$ 50 $\times$ 177 mm (寬/高/深)
安裝尺寸	約 182 $\times$ 53 $\times$ 161 mm (寬/高/深)
重量	約 1.2 kg
提供的附件	安裝和連接用部件 (一套) 前面板盒 (1) 卡片式遙控器 RM-X115
選購附件	旋轉式控制器 RM-X4S
選購裝置	CD 換碟機 (10 碟式) CDX-656X CD 換碟機 (6 碟式) CDX-T69X MD 換碟機 (6 碟式) MDX-66XLP MG Memory Stick System-up Player MGS-X1

## 註

本機不能連接數字前置放大器或均衡器。

設計和規格若有變更，恕不另行通知。

# 故障排除指南

下列檢查表有助於解決您使用本機時可能遇到的問題。

在使用下面的檢查表之前，請檢查連接和操作步驟是否正確。

## 概述

無聲。

- 順時針旋轉 VOL 控制撥盤以調節音量。
- 取消 ATT 功能。
- 將雙路揚聲器系統的顯隱控制鍵設定在中心位置。

記憶功能內容被消除。

- RESET 按鈕被按下了。  
→ 再將設定存入記憶中。
- 電源線或電池已被斷開。
- 電源連接線未被正確連接。

無“嘟嘟”警告聲。

“嘟嘟”警告聲功能被取消了（第 20 頁）。

指示項從顯示屏上消失/未出現在顯示屏上。

- 如果您按住 (OFF) 按鈕 2 秒，時鐘顯示將消失。  
→ 再次按住 (OFF) 按鈕 2 秒可使時鐘顯示。
- 拆卸前面板，並且清潔連接器。詳細情況，請參見“清潔連接器”（第 22 頁）。

當停止播放或無線電接收時，時鐘將不顯示。

- 顯示 M.DSPL (M.DSPL 模式設定為 1 或 2)。  
→ 將 M.DSPL 模式設定為“off”（第 20 頁）。

儲存之電台及正確走時被消除。

保險絲已熔斷。

點火匙處於 ON、ACC 或 OFF 位置時，裝置會產生噪聲。

導線與汽車的附件電源連接器未正確匹配。

裝置無供電。

- 檢查電源的連接。如果一切正常，檢查保險絲。
- 汽車不具有 ACC 位。  
→ 按下 (SOURCE) 按鈕 (或裝入一張光碟)，使裝置開啓。

裝置有持續供電。

汽車不具有 ACC 位。

動力伸縮天線不能伸出。

動力伸縮天線未裝繼電器。

## 播放 CD

唱碟無法裝入。

- 已裝有其他 CD。
- CD 的面被強行裝反或以其它錯誤的方法裝入。

播放無法開始。

- MD 損壞了或 CD 髒了。
- 未完成最後刻錄過程的 CD-R/CD-RW 光碟。
- 您試圖播放非音頻使用的 CD-R/CD-RW 光碟。
- 因其刻錄設備或光碟狀況的緣故，某些 CD-R/CD-RW 光碟可能無法播放。

唱碟自動退出。

環境溫度超過 50°C。

CD 不能排出。

操作鍵不起作用。

按下 RESET 按鈕。

因振動而發生跳音。

- 機器安裝的角度超過 60°。
- 機器未被安裝在汽車的結實穩固的部件上。

跳音。

唱碟髒了或損壞。

續下頁 →

## 廣播收音

無法預設調諧。

- 將正確的頻率存入存儲器中。
- 廣播信號太弱。

不能接收到電台。

聲音被噪音阻擾了。

- 連接電動天線控制導線（藍色）或輔助電源線（紅色）到汽車天線增壓器的電源線。  
（汽車背後 / 側窗內裝有 FM/MW/LW 天線者為限。）
- 檢查汽車天線的連接。
- 汽車天線不能上升。  
→ 檢查動力伸縮天線控制導線的連接。
- 檢查頻率。

無法自動調諧。

- 本地搜索模式設置為 ON。  
→ 請將本地搜索模式設置為 OFF（第 14 頁）。
- 廣播信號太弱。  
→ 使用手動調諧。

“ST”指示閃爍。

- 精確地調諧電台頻率。
- 廣播信號太弱。  
→ 設定至單聲道接收模式（第 14 頁）。

收聽到的立體聲廣播節目是單聲道。

本機處在單聲道接收模式。

→ 取消單聲道接收模式（第 14 頁）。

## RDS

聆聽幾秒鐘後開始 SEEK。

電台為非 TP 電台或信號微弱。

→ 反覆按下 (TA) 鍵，直到顯示“TA OFF”為止。

無交通狀況通報節目。

- 啓用“TA”。
- 電台沒有播出交通狀況通報節目。  
→ 調入其他電台。

PTY 顯示“\_\_\_\_\_”

- 當前電台不是 RDS 電台。
- 未接收到 RDS 資料。

## 出錯顯示/信息

### 出錯顯示

下述指示將閃爍 5 秒鐘左右，隨之將聽到警告聲。

### ERROR\*1

- CD 髒了或 CD 裝反。  
→ 將 CD 擦拭乾淨或正確地裝入 CD。\*2
- 由於某些原因，CD 不能播放。  
→ 裝入另一張 CD。\*2

### HI TEMP

周圍溫度超過 50 °C。

→ 請等到溫度降低到 50 °C 以下。

### NO DISC

CD 裝置中未裝入唱碟。

→ 將唱碟裝入 CD 裝置。

### RESET

因某些原因 CD 裝置不能工作。

→ 按下本機的 RESET 按鈕。

\*1 在 CD 播放時出現錯誤，顯示屏上就不會顯示 CD 的唱碟號。

\*2 在顯示屏上顯示造成錯誤的唱碟號。

如果這些解答仍無法助您改善情況，請向距您最近的 Sony 經銷商諮詢。

## 信息

L. SEEK +/-

本地搜索模式在自動調諧過程中開啓。（第 14 頁）

NO AF

當前電台沒有變頻功能。