

SONY®

2-693-038-21 (1)



Bluetooth™ Audio System

Operating Instructions _____ **US**

Mode d'emploi _____ **FR**

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. MEX-BT5000 Serial No. _____

To cancel the demonstration (Demo) display, see page 17.
Pour annuler l'affichage de démonstration (Demo), reportez-vous à la page 11.



MEX-BT5000

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MEX-BT5000
2-693-038-21 (1)

Be sure to install this unit in the dashboard of the car for safety. For installation and connections, see the supplied installation/connections manual.

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 and RSS-Gen of IC 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.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC and IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and legs).

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.

Warning if your car's ignition has no ACC position

After turning the ignition off, be sure to press and hold **(OFF)** on the unit until the display disappears.

Otherwise, the display does not turn off and this causes battery drain.



Manufactured under license from BBE Sound, Inc.

The BBE MP process improves digitally compressed sound, such as MP3, by restoring and enhancing the higher harmonics lost through compression. BBE MP works by generating even-order harmonics from the source material, effectively recovering warmth, detail and nuance.



The "SAT Radio Ready"

logo indicates that this product will control a satellite radio tuner module

(sold separately). Please see your nearest authorized Sony dealer for details on the satellite radio tuner module.

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Welcome !

Thank you for purchasing this Sony Bluetooth™ Audio System. You can enjoy your drive with the following functions.

• CD playback

You can play CD-DA (also containing CD TEXT*), CD-R/CD-RW (MP3/WMA files also containing Multi Session (page 20)) and ATRAC CD (ATRAC3 and ATRAC3plus format (page 21)).

Type of discs	Label on the disc	
CD-DA		
MP3 WMA ATRAC CD		
		

• Radio reception

- You can store up to 6 stations per band (FM1, FM2, FM3, AM1 and AM2).
- **BTM** (Best Tuning Memory): the unit selects strong signal stations and stores them.

• Bluetooth function

- Handsfree talking with your cellular phone in the car.
- Address book transfer from your cellular phone.
- Music streaming from your cellular phone or portable audio device.
- HFP 1.0, A2DP, OPP and AVRCP profiles supported.

• Sound adjustment

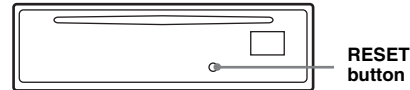
- **EQ3 parametric:** You can choose any one of 7 preset equalizer curves, and adjust as desired.
- **DSO** (Dynamic Soundstage Organizer): creates a more ambient sound field, using virtual speaker synthesis, to enhance the sound of speakers, even if they are installed low in the door.
- **BBE MP:** improves digitally compressed sound such as MP3.

* A CD TEXT disc is a CD-DA that includes information such as disc, artist and track name.

Getting Started

Resetting the unit

Before operating the unit for the first time, or after replacing the car battery or changing the connections, you must reset the unit. Detach the front panel and press the RESET button with a pointed object, such as a ball-point pen.



Note

Pressing the RESET button will erase the clock setting and some stored contents.

Setting the clock

The clock uses a 12-hour digital indication.

- 1 Press **(MENU)**.
- 2 Push the joystick up/down until “Setup” appears, then push it right.
- 3 Push the joystick up/down until “Clock Adjust” appears, then push it right.
- 4 Push the joystick up/down to set the hour and minutes.
To move the digital indication, push the joystick left/right.
- 5 After setting the clock, press the joystick.
The clock starts.

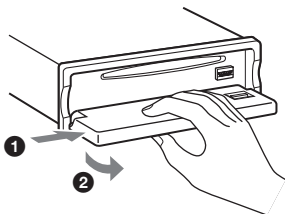
Detaching the front panel

You can detach the front panel of this unit to prevent theft.

Caution alarm

If you turn the ignition switch to the OFF position without detaching the front panel, the caution alarm will sound for a few seconds. The alarm will only sound if the built-in amplifier is used.

- 1 Press **OFF**.
The unit is turned off.
- 2 Press **OPEN**.
The front panel is flipped down.
- 3 Slide the front panel to the right, then gently pull out the left end of the front panel.



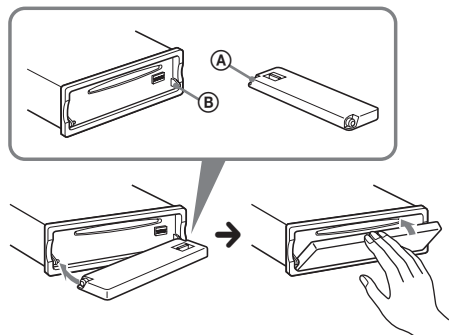
Notes

- Do not drop or put excessive pressure on the front panel and display window.
- Do not subject the front panel to heat/high temperature or moisture. Avoid leaving it in a parked car or on a dashboard/rear tray.

Attaching the front panel

Place the hole (A) of the front panel onto the spindle (B) on the unit, then lightly push the left side in.

Press **SOURCE** on the unit (or insert a disc) to operate the unit.

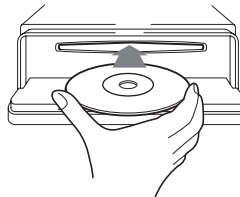


Note

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

Inserting the disc in the unit

- 1 Press **OPEN**.
- 2 Insert the disc (label side up).



- 3 Close the front panel.
Playback starts automatically.

Ejecting the disc

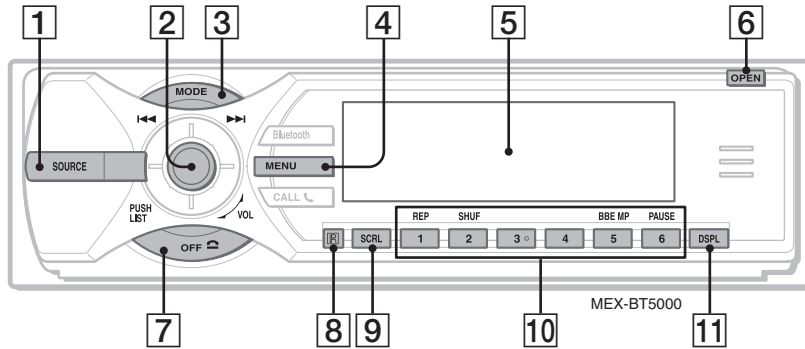
- 1 Press **OPEN**.
- 2 Press **▲**.
The disc is ejected.
- 3 Close the front panel.



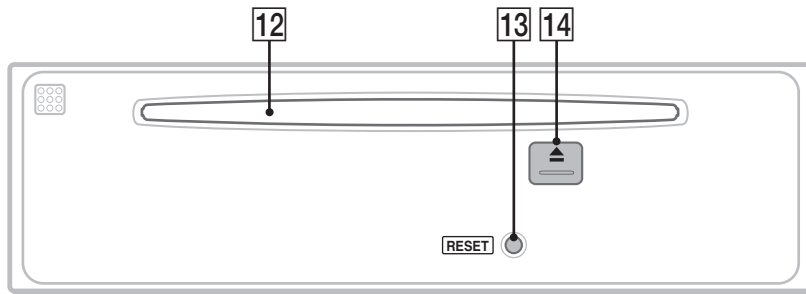
Location of controls and basic operations

Audio function

Main unit



Front panel removed



Refer to the pages listed for details. The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 SOURCE button

To power on; change the source (Radio/CD/MD*1/Bluetooth AUDIO/AUX/SAT*2).

2 Joystick/LIST button 11, 18

Rotate to: Adjust the volume.

Push up/down/left/right to: Select a menu item.

Press to: Apply a setting.

CD/MD*1:

Push up/down to*3:

– Skip groups*4/albums*5 (push).

– Skip groups*4/albums*5 continuously (push and hold).

Push left/right to:

– Skip tracks (push).

– Skip tracks continuously (push, then push again within about 2 seconds and hold).

– Reverse/fast-forward a track (push and hold).

Radio:

Push up/down to:

– Receive stored station.

Push left/right to:

– Tune in stations automatically (push).

– Find a station manually (push and hold).

Press to:

– Display the list.

3 MODE button 10, 18

To select the radio band (FM/AM)/select the SAT tuner band (mode)*2/select the unit*6.

4 MENU button

To enter menu.

5 Display window

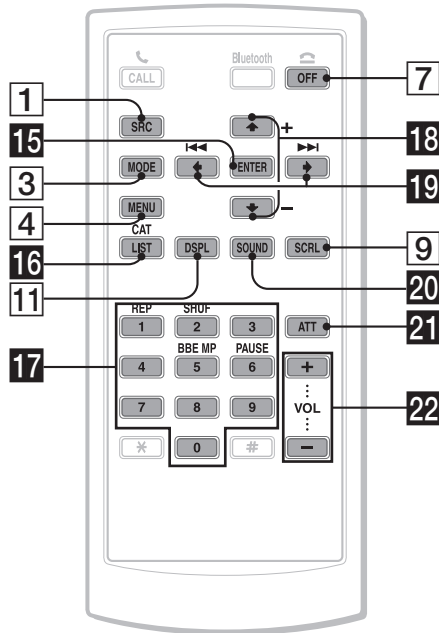
6 OPEN button 5

7 OFF button

To power off; stop the source.

8 Receptor for the card remote commander

Card remote commander RM-X301



9 SCRL (scroll) button 10

To scroll the display item.

10 Number buttons

CD/MD*1:

①: **REP** 10, 18

②: **SHUF** 10, 18

⑤: **BBE MP***7 2

To activate the BBE MP function, set "BBE MP on." To cancel, set "BBE MP off."

⑥: **PAUSE***7

To pause playback. To cancel, press again.

Radio:

To receive stored stations (press); store stations (press and hold).

11 DSPL (display) button 10

To change display items.

12 Disc slot 5

To insert the disc.

13 RESET button 4

14 ▲ (eject) button 5

To eject the disc.

The following buttons on the card remote commander have also different buttons/functions from the unit.

15 ENTER button

To apply a setting.

16 LIST/CAT*2 button

To list up.

17 Number buttons

Buttons 1 to 6 share the same functions as the number buttons on the unit.

18 ↑ (+)/↓ (-) buttons

The same as pushing the joystick up/down.

19 ← (◀)/→ (▶) buttons

The same as pushing the joystick left/right.

20 SOUND button

To select sound items.

21 ATT (attenuate) button

To attenuate the sound. To cancel, press again.

22 VOL (volume) +/- button

To adjust volume.

*1 When an MD changer is connected.

*2 When the SAT tuner is connected.

*3 If the changer is connected, the operation is different, see page 18.

*4 When an ATRAC CD is played.

*5 When an MP3/WMA is played.

*6 When a CD/MD changer is connected.

*7 When playing back on this unit.

Note

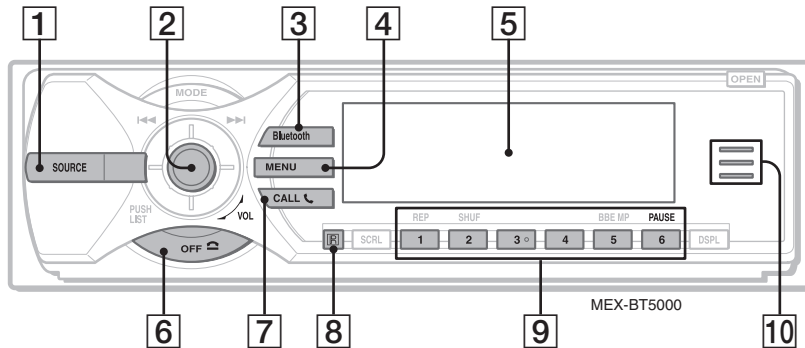
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless **(SOURCE)** on the unit is pressed, or a disc is inserted to activate the unit first.

Tip

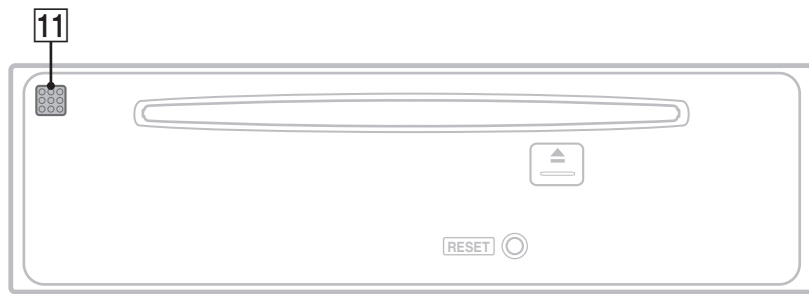
For details on how to replace the battery, see "Replacing the lithium battery of the card remote commander" on page 21.

Bluetooth function

Main unit



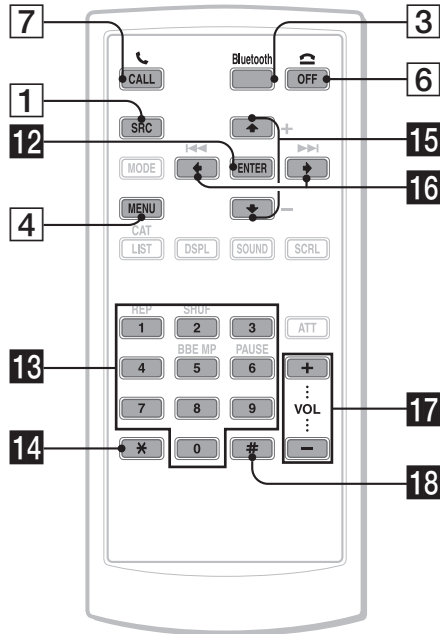
Front panel removed



Refer to the pages listed for details. The corresponding buttons on the card remote commander control the same functions as those on the unit.

- 1 SOURCE button**
To power on; change the source (Radio/CD/MD*1/Bluetooth AUDIO/AUX/SAT*2).
- 2 Joystick**
Rotate to: Adjust the volume.
Push up/down/left/right to: Select a menu item.
Press to: Apply a setting.
Bluetooth audio device*3:
Push left/right to:
– Skip tracks (push).
– Reverse/fast-forward a track (push and hold).
- 3 Bluetooth button** 11, 11, 12, 13, 14, 15, 16
To access the Bluetooth functions; receive a call.
- 4 MENU button** 14
To enter menu; receive a call.
- 5 Display window**
- 6 OFF button** 14, 14
To power off; stop the source; end or reject a call.
- 7 CALL button** 14
To access the telephone functions; receive a call.
- 8 Receptor for the card remote commander**
- 9 Number buttons**
To call stored dials.
Bluetooth audio device*3:
⑥: PAUSE
To pause playback.
- 10 Bluetooth indicator**
Lights up when the Bluetooth signal is input/output. Goes off when the Bluetooth signal is off.
- 11 Microphone** 13

Card remote commander RM-X301



Note

If the unit is turned off and the display disappears, 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

For details on how to replace the battery, see "Replacing the lithium battery of the card remote commander" on page 21.

The following buttons on the card remote commander have also different buttons/functions from the unit.

12 ENTER button

To apply a setting.

13 Number buttons 12, 13, 14

To input numbers (phone number, passcode, etc.).

Buttons 1 to 6 share the same functions as the number buttons on the unit.

14 * button 14

15 ↑ (+)/↓ (-) buttons

The same as pushing the joystick up/down.

16 ← (|<<)/→ (|>>|) buttons

The same as pushing the joystick left/right.

17 VOL (volume) +/- button

To adjust volume.

18 # button 14

*1 When an MD changer is connected.

*2 When the SAT tuner is connected.

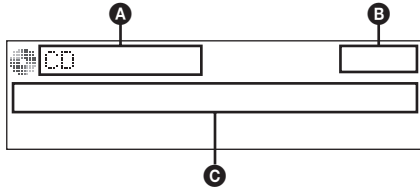
*3 When a Bluetooth audio device (supports AVRCP of Bluetooth technology) is connected. Depending on the device, certain operations may not be available.

CD

For details on selecting a CD/MD changer, see page 18.

Display items

Example: when you set Info (information) mode to "All" (page 17).



- A** Source/MP3/ATRAC/WMA indication
- B** Clock
- C** Track number/Elapsed playing time, Disc/artist name, Album/group number*¹, Album/group name, Track name, Text information*²

*¹ Album/group number is displayed only when the album/group is changed.

*² When playing an MP3, ID3 tag is displayed, when playing ATRAC CD, text information written by SonicStage, etc., is displayed, and when playing WMA, WMA tag is displayed.

To change display items **C**, press **(DSPL)**; scroll display items **C**, press **(SCRL)** or set "Auto Scroll on" (page 17).

Tip

Displayed items will differ, depending on the disc type, recorded format and settings. For details on MP3/WMA, see page 20; ATRAC CD, see page 21.

Repeat and shuffle play

- 1** During playback, press **(1)** (REP) or **(2)** (SHUF) repeatedly until the desired setting appears.

Select	To play
Repeat Track	track repeatedly.
Repeat Album* ¹	album repeatedly.
Repeat Group* ²	group repeatedly.
Shuffle Album* ¹	album in random order.
Shuffle Group* ²	group in random order.
Shuffle Disc	disc in random order.

*¹ When an MP3/WMA is played.

*² When an ATRAC CD is played.

To return to normal play mode, select "Repeat off" or "Shuffle off."

10

Radio

Storing and receiving stations

Caution

When tuning in stations while driving, use Best Tuning Memory (BTM) to prevent an accident.

Storing automatically — BTM

- 1** Press **(SOURCE)** repeatedly until "TUNER" appears.
To change the band, press **(MODE)** repeatedly. You can select from FM1, FM2, FM3, AM1 or AM2.
- 2** Press **(MENU)**.
- 3** Push the joystick up/down until "Receive Mode" appears, then push it right.
- 4** Push the joystick up/down until "BTM" appears.
- 5** Press the joystick.
The unit stores stations in order of frequency on the number buttons.
A beep sounds when the setting is stored.

Storing manually

- 1** While receiving the station that you want to store, press and hold a 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 replaced.

Receiving the stored stations

- 1** Select the band, then press a number button **(1)** to **(6)**.

Tuning automatically

- 1** Select the band, then push the joystick left/right to search for the station.
Scanning stops when the unit receives a station. Repeat this procedure until the desired station is received.

Tip

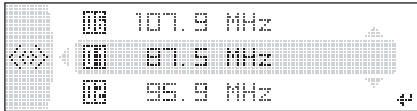
If you know the frequency of the station you want to listen to, push and hold the joystick left/right to locate the approximate frequency, then push the joystick left/right to fine adjust to the desired frequency (manual tuning).

Receiving a station through a list — LIST

You can list up the frequency.

1 Select the band, then press the joystick.

The frequency appears.



2 Push the joystick up/down until the desired station appears.

3 Press the joystick to receive the station.

The display returns to normal reception mode.

Bluetooth function

Before using the Bluetooth function

Menu operations of the Bluetooth function

The Bluetooth settings can be configured from the Bluetooth function menu or CALL menu. Menu operations can generally be performed using the joystick.

1 Press **Bluetooth** or **CALL**.

The Bluetooth function menu or CALL menu appears.

2 Push the joystick up/down until the desired setting item appears, then push it right.

The digital indication moves to the right (setting selection) side.

3 Push the joystick up/down to select the setting, then press it.

The setting is complete.

4 Press **Bluetooth** or **CALL**.

The normal display appears.

To input a character

Push the joystick up/down to select a character, and push left/right to move the cursor.

The characters that can be input are A – Z, a – z, 0 – 9 and a blank space.

Configuring Bluetooth Settings

Before connecting to a Bluetooth device, configure the Bluetooth Settings on this unit.

1 Press **Bluetooth**.

The Bluetooth function menu appears.



2 Select “Bluetooth Settings.”

3 Select the desired menu.

4 Select the setting.

5 Press **Bluetooth**.

continue to next page →

Bluetooth Settings menu

“●” indicates the default settings.

Signal

To switch the Bluetooth signal output of this unit to “ON” or “OFF”

- “ON”: to output the Bluetooth signal (RF 2.4 GHz).
- “OFF” (●): to not output the Bluetooth signal (RF 2.4 GHz).

Be sure to set to “ON” when you connect to the Bluetooth device.

Visibility

To allow other Bluetooth devices to search for this unit.

- “Show”: to allow the other device to search.
- “Hide” (●): to not allow the other device to search.

Be sure to set to “Show” when you search for this unit from a Bluetooth device.

Device Name

To change the name of this unit displayed on connected device. (Default setting: “Xplod”) Select “Rename” and input characters. Up to 12 characters can be input.

To restore “Xplod,” select “Default” → “yes.”

Note

For details on the settings of other Bluetooth devices, see their respective manuals.

Pairing this unit with a Bluetooth device

When connecting Bluetooth devices for the first time, mutual registration is required. This is called “pairing.” This registration (pairing) is required only for the first time, as this unit and the other devices will recognize each other automatically from the next time. (Depending on the device, you may need to input a passcode for each connection.)

Searching for a Bluetooth device from this unit

Check that the other Bluetooth device is set to allow for searching (discoverable) beforehand.

1 Press **Bluetooth**.

The Bluetooth function menu appears.

2 Select **“Connectivity”** → **“Search.”**



The process of searching for a connectable device begins, then the detected device name(s) appear in a list. If a device name cannot be received, “Unknown” will be displayed.

Search time varies depending on the number of Bluetooth devices.

3 Select the device to connect.

Pairing starts.

4 Input a passcode*.

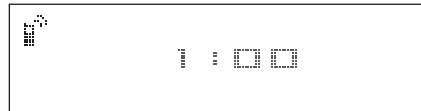
Input the same passcode for this unit and the connecting device. The passcode can be either your own selected number or the number determined by the connecting device. For details, see the manual of the connecting device.



5 Press the joystick to confirm.

“Connected” appears and connection is complete.

“” or “” appears during connection.



* Passcode may be called “passkey,” “PIN code,” “PIN number” or “Password,” etc., depending on the device.

Searching for this unit from a Bluetooth device

Check that “Visibility” in the Bluetooth Settings menu is set to “Show” (page 12).

1 Set the connecting device to search.

2 When **“Allow Connection?”** appears on this unit, select **“yes.”**

Connection starts.

Depending on the device, the passcode input display appears.

3 Input the passcode of the connecting device.

4 Press the joystick to confirm.

“Connected” appears and connection is complete.

“” or “” appears during connection.

Tip



The passcode can also be input with the number buttons of the card remote commander.

Notes

- While connecting to a Bluetooth device, this unit cannot be detected from another device. To be detected, disconnect the current connection and search for this unit from another device.
- Depending on the device, searching from this unit may not be possible. In this case, search for this unit from the connecting device.
- If you search for this unit and the connecting device mutually at the same time, this unit will not recognize the connecting device.
- It may take time to search or connect.
- Depending on the device, the confirmation display of the connection appears before inputting the passcode.
- The time limit for inputting the passcode differs depending on the device.
- This unit can register up to 6 devices each for handsfree and audio devices.

Connecting to registered devices

Devices are registered once paired and connected with this unit. You can select the registered device and connect it.

- 1 Press **Bluetooth**.
The Bluetooth function menu appears.
- 2 Select **“Connectivity”** → **“Handsfree Devices”** or **“Audio Devices.”**
The list of registered devices appears.
- 3 Select the device to connect.
- 4 Select **“Connect.”**
“Connected” appears and connection is complete.
“” or “” appears during connection.

To stop the connection

Select **“Disconnect”** → **“yes”** in step 4.

Tip

Depending on the device, it may be possible to select this unit from the device, and then connect.

Handsfree talking

Check that this unit and the cellular phone are connected beforehand (page 12, 13).

Notes

- For details on operation when a cellular phone with Bluetooth audio streaming function is connected as an audio device, see **“Listening to music from an audio device”** on page 15.
- The microphone of this unit is located on the rear of the front panel (page 8). Do not mask the microphone with tape, etc.

Making calls

You can make a call from the connected cellular phone by operating this unit.

- 1 Press **CALL**.

The CALL menu appears.



- 2 Select the items in the following order, then press the joystick to start calling.

CALL menu**Dialed Calls***

Selects from the dialed call history. (Maximum storable name and phone numbers: 10)

Name and phone number to call → **“Call”**

Select **“Delete”** to delete the name and phone number, **“Delete All”** to clear the history.

Received Calls*

Selects from the received call history. (Maximum storable name and phone numbers: 10)

Name and phone number to call → **“Call”**

Select **“Delete”** to delete the name and phone number, **“Delete All”** to clear the history.

Phonebook*

Selects from the phonebook list. (Maximum storable name and phone numbers: 50)

“Contact List” → Name to call → the name and phone number

For details on how to store in the phonebook, see **“Using the Phonebook”** on page 14 and **“Setting a handsfree device”** on page 15.

Dial

Inputs the phone number.

Phone number can also be input with the number buttons of the card remote commander. To input **“+,”** press and hold the 0 button.

Preset Dial*

Selects the phone number stored in a number button.

Preset number (P1 – P6) → **“Call”**

For details on how to store in the number buttons, see **“Using the Preset Dial”** on page 14.

* If you set **“Security”** (page 16), **“Security Locked”** appears and operation is not possible.

continue to next page →

Tips

- *Preset Dial* also allows you to make a call by pressing a number button twice after pressing **CALL**.
- On the “Dialed Calls,” “Received Calls” and “Preset Dial” menus, you can make a call by pressing **CALL** while the phone number is displayed.

Presetting the volume of ring tone and talker’s voice

You can preset the volume level of the ring tone and talker’s voice.

To adjust the ring tone:

Rotate the joystick while the phone is ringing. “Ring Vol” appears and ring tone volume is set.

To adjust the talker’s voice:

Rotate the joystick during a call. “Talk Vol” appears and the talker’s voice volume is set.

Sending DTMF (Dual Tone Multiple Frequency) tones

You can send DTMF tones.

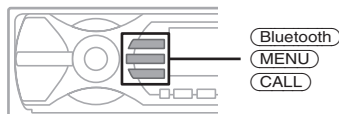
To send DTMF tones, use the joystick or press the required number buttons (0 – 9, * or #) on the card remote commander during a call.

Receiving calls

When receiving a call, ring tone is output from your car speakers.

For details on the settings for receiving a call and during a call, see “Setting a handsfree device” on page 15.

- 1 When receiving a call, press **CALL**, **MENU** or **Bluetooth**.



The phone call starts.

To reject a call

Press **OFF**.

Tips

- If you set “Auto Answer” to on, the phone call is automatically started in the set time (page 15).
- If **CALL** is pressed during a call, the handsfree function is deactivated, and the microphone and speaker of the cellular phone are activated. In this case, the Bluetooth connection may become disconnected depending on the cellular phone.

Ending calls

- 1 Press **OFF**.

If the other party ends the call, talk time appears for a few seconds.

Note

Even if the call is ended, the Bluetooth connection is not canceled.

Using the Phonebook**Receiving phonebook data from a cellular phone**

- 1 Select “Phone Settings” from the Bluetooth function menu.
- 2 Select “Receive PB.”
“Waiting...” appears.
- 3 Send the phonebook data by operating the cellular phone.
“Data Receiving...” appears while receiving the phonebook data.
“Complete” appears when receiving is complete.

Storing the numbers from “Dialed Calls” or “Received Call”

- 1 Select “Dialed Calls” or “Received Call” from the CALL menu.
- 2 Select the phone number to store, then select “PB Memory.”
The “Contact Name” display appears.
- 3 Input a name.
Up to 20 characters can be input.
- 4 Select “Save?” → “yes.”

Note

Up to 50 phone numbers can be stored in the Phonebook. If you try to register more than 50 numbers, “Memory Full” appears.

Deleting from the phonebook

- 1 Select “Phonebook” → “Contact List” from the CALL menu.
- 2 Select the phone number to delete.
- 3 Select “Delete” → “yes.”

To clear all phonebook data, select “Delete All” in step 1.

Changing a name in the phonebook

- 1 Select “Phonebook” → “Contact List” from the CALL menu.
- 2 Select the name to change.
- 3 Select “Edit Name,” then input a new name.

Using the Preset Dial**Storing the Preset Dial**

You can store a phone number in the phonebook to the Preset Dial.

- 1 Select "Preset Dial" from the CALL menu.
- 2 Select the preset number (P1 – P6) to store, then select "Save."
- 3 Select the name to store.
- 4 Select a phone number of the selected name.
- 5 Select "yes" when "Save?" appears.

Note

To replace a registered preset number, delete the existing registration first, then store the new phone number.

Deleting the Preset Dial

- 1 Select "Preset Dial" from the CALL menu.
- 2 Select the preset number to delete.
- 3 Select "Delete" → "yes."

Music streaming**Listening to music from an audio device**

You can listen to music of an audio device on this unit if the audio device supports A2DP (Advanced Audio Distribution Profile) of Bluetooth technology.

- 1 **Connect this unit and the Bluetooth audio device (page 13).**
"☐" appears during connection.
- 2 **Turn down the volume on this unit.**
- 3 **Press (SOURCE) repeatedly until "Bluetooth AUDIO" appears.**
- 4 **Operate the audio device to start playback.**
- 5 **Adjust the volume on this unit.**

Operating an audio device with this unit

You can perform the following operations on this unit if the audio device supports AVRCP (Audio Video Remote Control Profile) of Bluetooth technology. (The operation differs depending on the audio device.)

To	Do this
Skip tracks	Push the joystick left/right.
Reverse/fast-forward a track	Push and hold the joystick left/right.
Pause	Press (6) (PAUSE)*.

* Depending on the device, it may be necessary to press twice.

Operations other than the above should be performed on the audio device.

Note

Even if the source is changed on this unit, playback of the audio device does not stop.

Tip

You can connect a cellular phone as an audio device and listen to music.

Other settings**Setting a handsfree device**

You can set various functions when a cellular phone compatible with the Bluetooth function is connected as a handsfree device.

- 1 **Press (Bluetooth).**
The Bluetooth function menu appears.
- 2 **Select "Phone Settings."**
- 3 **Select the desired menu.**
- 4 **Select the setting.**
- 5 **Press (Bluetooth).**

Phone Settings menu

"●" indicates the default settings.

Receive PB*1*2 (Receive Phonebook)

To receive and store the phonebook data from a cellular phone (page 14).

Auto Answer

- "on": to start a call automatically when received. Set the time to start a call: "1 sec" – "60 sec"
- "off" (●): to not start a call until (CALL), (MENU) or (Bluetooth) is pressed.

Ringtone

To switch the ring tone.

- "Cellular*3" (●): to output the ring tone set with the cellular phone.
- "Default": to output this unit's ring tone.

EC/NC Mode*4 (Echo Celler/Noise Celler Mode)

To reduce echo and noise in phone call conversations.

"Mode 2" has a more pronounced effect than "Mode 1" (●). "off" is normal sound.

continue to next page →

Speaker Sel*4 (Speaker Select)

To set the front speaker to output the ring tone, dial-tone and other party's voice.

- “FR-L” (●): to output from the left channel of front speakers.
- “FR-R”: to output from the right channel of front speakers.
- “Front”: to output from both front speakers.

Security

To lock the personal information in the following menus by setting a 4-digit password (page 13).

“Dialed Calls,” “Received Calls,” “Phonebook,” “Preset Dial,” “Receive PB”

If you set the security, “Security Locked” appears when the above menus are operated.

To unlock the security, select “Unlock” and input the password number.

*1 If “Security” is set, “Security Locked” appears and operation is not possible.

*2 If a character that cannot be displayed on this unit is used, it is not displayed correctly.

*3 Depending on the cellular phone, this unit's ring tone may be output even if set to “Cellular.”

*4 Configurable during a call.

Note

If you select “Initialize” in the Security setting, all stored data is deleted (“Dialed Calls,” “Received Calls,” “Phonebook” and “Preset Dial”).

Deleting the registration of a connected device**1 Press** (Bluetooth).

The Bluetooth function menu appears.

2 Select “Connectivity” → “Handsfree Devices” or “Audio Devices.”

The list of registered devices appears.

3 Select the device to delete.**4 Select** “Delete” → “yes.”

To clear all devices in the selection list, select “Delete All” in step 4.

Auto connection function

If the ignition switch is set to the ACC position, this unit reconnects automatically to the last connected Bluetooth device.

Other functions**Adjusting menu items — MENU****1 Press** (MENU).**2 Push the joystick up/down until the desired menu item appears, then push it right.**

The items changes as follows:

Setup ↔ **Display** ↔ **Receive Mode**
↔ **Sound**

3 Push the joystick up/down until the desired setting item appears, then push it right.

The digital indication moves to the right (setting selection) side.

4 Push the joystick up/down to select the setting, then press it.

The setting is complete.

5 Press (MENU).

The display returns to normal play/reception mode.

Note

Displayed items will differ, depending on the source and setting.

Tips

- You can go to the next menu level by pressing the joystick.
- In step 5, push the joystick left until “EXIT” appears, then press the joystick, instead of pressing (MENU).
- You can enter the Sound setting menu directly by pressing (SOUND) on the card remote commander.

The following items can be set (follow the page reference for details):

“●” indicates the default settings.

Setup**Clock Adjust** (page 4)**Beep**

To set “on” (●) or “off.”

RM (Rotary Commander)

To change the operative direction of the rotary commander controls.

- “NORM” (●): to use the rotary commander in the factory-set position.
- “REV”: when you mount the rotary commander on the right side of the steering column.

AUX Audio*1

To turn the AUX source display “on” (●) or “off” (page 19).

Version

To display the unit's firmware version.

Display

Image

- To set various display images.
- "Space Producer" (●): to create animated on-screen patterns in time with the music.
 - "All": to step repeatedly through the display images in all display modes.
 - "off": to not display any image.
 - "SA 1 - 5": to display the Spectrum Analyzer.
 - "Movie 1 - 3": to display a movie.
 - "Wallpaper 1 - 3": to display a wallpaper.
 - "SA All"/"Movie All"/"Wallpaper All": to step repeatedly through the display images of each mode.

Info (Information)

- To display the items (depending on the source, etc.).
- "All": to display all items.
 - "Simple" (●): to not display any items.
 - "Clear": to have items automatically disappear.

Demo*1 (Demonstration)

- To set "on" (●) or "off."

Dimmer

- To change the brightness of the display.
- "Auto" (●): to dim the display automatically when you turn lights on.
 - "on": to dim the display.
 - "off": to deactivate the dimmer.

Auto Scroll

- To scroll long displayed item automatically when the disc/album/group/track is changed.
- "on": to scroll.
 - "off" (●): to not scroll.

Receive Mode

Local (Local seek mode)

- "off" (●): to tune normal reception.
- "on": to only tune into stations with stronger signals.

Mono (Monaural mode)

To improve poor FM reception, select monaural reception mode.

- "off" (●): to hear stereo broadcast in stereo.
- "on": to hear stereo broadcasts in monaural.

IF

- "Auto" (●): to automatically narrow the reception frequency to eliminate noise.
- "Wide"*2: to always hear FM stereo broadcasts in stereo and with full frequency reception.

BTM (page 10)

Sound

EQ3 Preset

To select an equalizer type: "Xplod," "Vocal," "Edge," "Cruise," "Space," "Gravity," "Custom" or "Off" (●).

EQ3 Tune

See "Customizing the equalizer curve" on page 17.

DSO

To select the DSO mode: "1," "2," "3" or "off" (●). The larger the number, the more enhanced the effect.

Balance

To adjust the balance between the right and left speakers: "R10" - "±0" (●) - "L10"

Fader

To adjust the balance between the front and rear speakers: "F10" - "±0" (●) - "R10"

Subwoofer

To adjust the subwoofer volume: "+10" - "±0" (●) - "-10"
("∞" is displayed at the lowest setting.)

LPF (Low Pass Filter)

To select the subwoofer cut-off frequency: "off" (●), "125Hz" or "78Hz."

AUX Level

To adjust the volume level for each connected auxiliary equipment. This setting negates the need to adjust the volume level between sources (page 19).

Adjustable level: "+6 dB" - "±0 dB" (●) - "-6 dB"

*1 When the unit is turned off.

*2 In such cases, some FM stereo broadcasts may become monaural while in the stereo reception mode.

Customizing the equalizer curve — EQ3 Tune

"Custom" of EQ3 allows you to make your own equalizer settings.

- 1 Select a source, then press **(MENU)**.
- 2 Select "Sound" → "EQ3 Preset" → "Custom," using the joystick.
- 3 Select "EQ3 Tune" using the joystick.
- 4 Select the desired frequency range from "LOW," "MID" and "HI."

continue to next page →

5 Select the frequency you wish to adjust.

Adjustable frequency in each range:

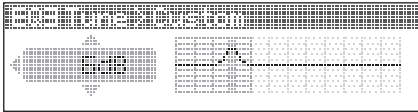
LOW: 60 Hz or 100 Hz

MID: 500 Hz or 1.0 kHz

HI: 10.0 kHz or 12.5 kHz

6 Adjust the equalizer curve.

The volume level is adjustable in 1 dB steps, from -10 dB to +10 dB.



7 Press the joystick.

Repeat steps 4 to 7 to adjust other frequencies.

To restore the factory-set equalizer curve, select "Initialize" → "Yes" in step 4.

Tip

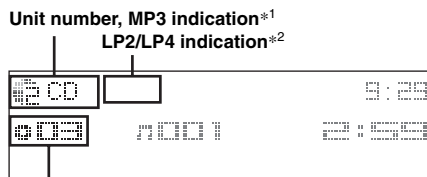
Other equalizer types are also adjustable.

Using optional equipment

CD/MD changer

Selecting the changer

- 1 Press **(SOURCE)** repeatedly until "CD" or "MD" appears.
- 2 Press **(MODE)** repeatedly until the desired changer appears.



Disc/Album number

Playback starts.

*1 When an MP3 is played.

*2 When MDLP disc is played.

Skipping albums and discs

- 1 During playback, push the joystick up/down.

To skip	Push up/down
album	and hold for a moment, then release.
album continuously	and hold within 2 seconds of first releasing.
discs	repeatedly.
discs continuously	then push again within 2 seconds and hold.

Repeat and shuffle play

- 1 During playback, press **(1)** (REP) or **(2)** (SHUF) repeatedly until the desired setting appears.

Select	To play
Repeat Disc *1	disc repeatedly.
Shuffle Changer *1	tracks in the changer in random order.
Shuffle All *2	tracks in all units in random order.

*1 When one or more CD/MD changers are connected.

*2 When one or more CD changers, or two or more MD changers are connected.

To return to normal play mode, select "Repeat off" or "Shuffle off."

Tip

"Shuffle All" will not shuffle tracks between CD units and MD changers.

Locating a disc by name — LIST

You can select a disc from the list when a CD changer with CD TEXT capability, or MD changer is connected.

If you assign a name to a disc, the name appears on the list.

- 1 During playback, press the joystick.
The disc number or disc name appears.
- 2 Push the joystick up/down until the desired disc appears.
- 3 Press the joystick to play the disc.
The display returns to normal play mode.

Auxiliary audio equipment

You can connect optional Sony portable devices to the BUS AUDIO IN/AUX IN terminal on the unit. If the changer or other device is not connected to the terminal, the unit allows you to listen to the portable device on your car speakers.

Note

When connecting a portable device, be sure BUS CONTROL IN is not connected. If a device is connected to BUS CONTROL IN, "AUX" cannot be selected by **(SOURCE)**.

Tip

When connecting both a portable device and a changer, use the optional AUX-IN selector.

Selecting auxiliary equipment

- 1 Press **(SOURCE)** repeatedly until "AUX" appears.
Operate by the portable device itself.

Adjusting the volume level

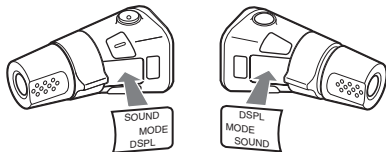
Be sure to adjust the volume for each connected audio device before playback.

- 1 Turn down the volume on the unit.
- 2 Press **(SOURCE)** repeatedly until "AUX" appears.
- 3 Start playback of the portable audio device at a moderate volume.
- 4 Set your usual listening volume on the unit.
- 5 Adjust the volume level, following "Adjusting menu items — MENU" on page 16. The input level is adjustable from -6 dB to +6 dB.

Rotary commander RM-X4S

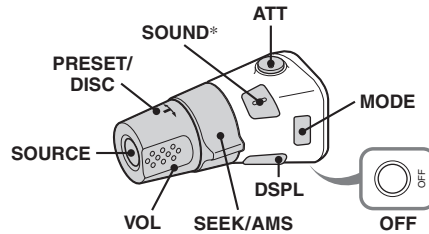
Attaching the label

Attach the indication label depending on how you mount the rotary commander.



Location of controls

The corresponding buttons on the rotary commander control the same functions as those on this unit.



The following controls on the rotary commander require a different operation from the unit.

- **PRESET/DISC control**
The same as pushing the joystick up/down on the unit (push in and rotate).
- **VOL (volume) control**
The same as rotating the joystick on the unit (rotate).
- **SEEK/AMS control**
The same as pushing the joystick left/right on the unit (rotate, or rotate and hold).

* Not available for this unit.

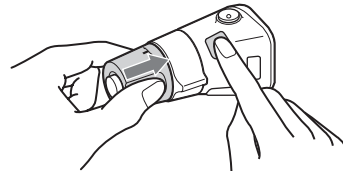
Changing the operative direction

The operative direction of the 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.

- 1 While pushing the VOL control, press and hold **(SOUND)**.



continue to next page →

Additional Information

Precautions

- If your car has been parked in direct sunlight, allow the unit to cool off before operating it.
- Power antenna will extend automatically while the unit is operating.

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.

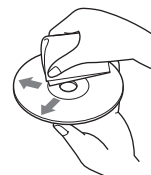
Notes on discs

- To keep a disc clean, do not touch its surface. Handle the disc by its edge.
- Keep your discs in their cases or disc magazines when not in use.
- Do not subject discs to heat/high temperature. Avoid leaving them in a parked car or on a dashboard/rear tray.
- 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 8 cm (3 1/4 in) CDs.

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



Notes on CD-R/CD-RW discs

- 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/a CD-RW that is not finalized.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

Note on DualDiscs

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

About MP3/WMA files

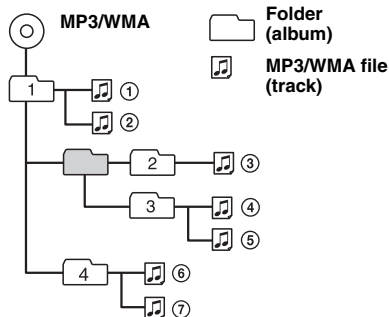
MP3, which stands for MPEG-1 Audio Layer-3, is a music file compression format standard. It compresses audio CD data to approximately 1/10 of its original size.

WMA, which stands for Windows Media Audio, is another music file compression format standard. It compresses audio CD data to approximately 1/22* of its original size.

* only for 64 kbps

- The unit is compatible with the ISO 9660 level 1/ level 2 format, Joliet/Romeo in the expansion format, and Multi Session.
- The maximum number of:
 - folders (albums): 150 (including root and empty folders).
 - MP3/WMA files (tracks) and folders contained in a disc: 300 (if a folder/file names contain many characters, this number may become less than 300).
 - displayable characters for a folder/file name is 25 (Joliet), or 50 (Romeo).
- ID3 tag versions 1.0, 1.1, 2.2, 2.3 and 2.4 apply to MP3 only. Displayable ID3 tag is 30 characters (1.0 and 1.1), or 50 characters (2.2, 2.3 and 2.4). Displayable WMA tag is 25 characters.

Playback order of MP3/WMA files



Notes

- When naming an MP3 file/WMA file, be sure to add the file extension ".mp3"/".wma" to the file name.
- During playback of a VBR (variable bit rate) MP3/WMA file or fast-forward/reverse, elapsed playing time may not display accurately.
- When the disc is recorded in Multi Session, only the first track of the first session format is recognized and played (any other format is skipped). The priority of the format is CD-DA, ATRAC CD and MP3/WMA.
 - When the first track is a CD-DA, only CD-DA of the first session is played.
 - When the first track is not a CD-DA, an ATRAC CD or MP3/WMA session is played. If the disc has no data in any of these formats, "NO Music" is displayed.

Notes on MP3

- Be sure to finalize the disc before using on the unit.
- If you play a high-bit-rate MP3, such as 320 kbps, sound may be intermittent.

Notes on WMA

- Files made with lossless compression are not playable.
- Files protected by copyright are not playable.

About ATRAC CD

ATRAC3plus format

ATRAC3, which stands for Adaptive Transform Acoustic Coding3, is audio compression technology. It compresses audio CD data to approximately 1/10 of its original size.

ATRAC3plus, which is an extended format of ATRAC3, compresses the audio CD data to approximately 1/20 of its original size. The unit accepts both ATRAC3 and ATRAC3plus format.

ATRAC CD

ATRAC CD is recorded audio CD data which is compressed to ATRAC3 or ATRAC3plus format using authorized software, such as SonicStage 2.0 or later, or SonicStage Simple Burner.

- The maximum number of:
 - folders (groups): 255
 - files (tracks): 999
- The characters for a folder/file name and text information written by SonicStage are displayed.

For details on ATRAC CD, see the SonicStage or SonicStage Simple Burner manual.

Note

Be sure to create the ATRAC CD using authorized software, such as SonicStage 2.0 or later, or SonicStage Simple Burner 1.0 or 1.1.

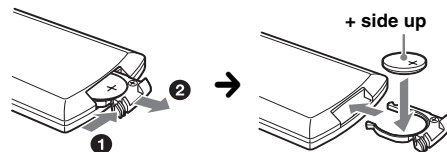
If you have any questions or problems concerning your unit that are not covered in this manual, consult your nearest Sony dealer.

Maintenance

Replacing the lithium battery of the card remote commander

Under normal conditions, the battery will last approximately 1 year. (The service life may be shorter, depending on the conditions of use.)

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 the 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.

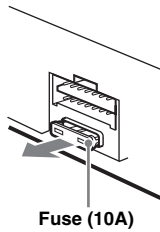
WARNING

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

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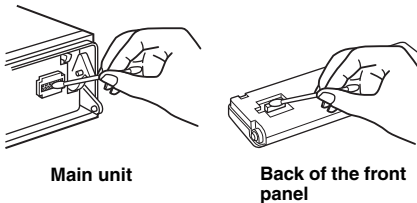
Fuse replacement

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.



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 5) and clean the connectors with a cotton swab dipped in alcohol. Do not apply too much force. Otherwise, the connectors may be damaged.



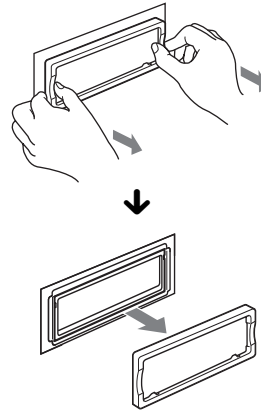
Notes

- 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.

Removing the unit

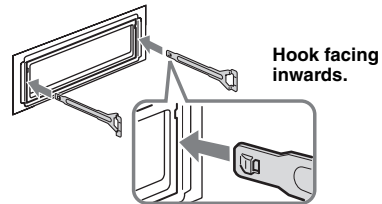
1 Remove the protection collar.

- 1 Detach the front panel (page 5).
- 2 Pinch both edges of the protection collar, then pull it out.

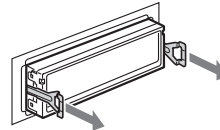


2 Remove the unit.

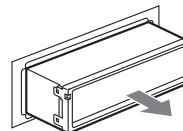
- 1 Insert both release keys simultaneously until they click.



- 2 Pull the release keys to unseat the unit.



- 3 Slide the unit out of the mounting.



Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

23.2 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.



CEA2006 Standard
Power Output: 17 Watts RMS \times 4 at 4 Ohms $<$ 1% THD+N
SN Ratio: 82 dBA
(reference: 1 Watt into 4 Ohms)

CD Player section

Signal-to-noise ratio: 120 dB

Frequency response: 10 – 20,000 Hz

Wow and flutter: Below measurable limit

Tuner section

FM

Tuning range: 87.5 – 107.9 MHz

Antenna terminal: External antenna connector

Intermediate frequency: 10.7 MHz/450 kHz

Usable sensitivity: 9 dBf

Selectivity: 75 dB at 400 kHz

Signal-to-noise ratio: 67 dB (stereo), 69 dB (mono)

Harmonic distortion at 1 kHz: 0.5 % (stereo), 0.3 % (mono)

Separation: 35 dB at 1 kHz

Frequency response: 30 – 15,000 Hz

AM

Tuning range: 530 – 1,710 kHz

Antenna terminal: External antenna connector

Intermediate frequency: 10.7 MHz/450 kHz

Sensitivity: 30 μ V

Wireless Communication

Communication System:

Bluetooth Standard version 2.0

Output:

Bluetooth Standard Power Class 2 (Max. +4 dBm)

Maximum communication range:

Line of sight approx. 10 m (32.8 ft)*¹

Frequency band:

2.4 GHz band (2.4000 – 2.4835 GHz)

Modulation method: FHSS

Compatible Bluetooth Profiles*²:

A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio Video Remote Control Profile)
HFP (Handsfree Profile)
OPP (Object Push Profile)

*¹ The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's performance, operating system, software application, etc.

*² Bluetooth standard profiles indicate the purpose of Bluetooth communication between devices.

Power amplifier section

Outputs: Speaker outputs (sure seal connectors)

Speaker impedance: 4 – 8 ohms

Maximum power output: 52 W \times 4 (at 4 ohms)

General

Outputs:

Audio outputs terminal (front/rear)
Subwoofer output terminal (mono)
Power antenna relay control terminal
Power amplifier control terminal

Inputs:

Telephone ATT control terminal
Illumination control terminal
BUS control input terminal
BUS audio input/AUX IN terminal
Remote controller input terminal
Antenna input terminal

Tone controls:

Low: \pm 10 dB at 60 Hz or 100 Hz (XPL0D)
Mid: \pm 10 dB at 500 Hz or 1 kHz (XPL0D)
High: \pm 10 dB at 10 kHz or 12.5 kHz (XPL0D)

Power requirements: 12 V DC car battery (negative ground)

Dimensions: Approx. 178 \times 50 \times 161.7 mm (7 ¹/₈ \times 2 \times 6 ³/₈ in) (w/h/d)

Mounting dimensions: Approx. 182 \times 53 \times 162 mm (7 ¹/₄ \times 2 ¹/₈ \times 6 ¹/₂ in) (w/h/d)

Mass: Approx. 1.2 kg (2 lb 11 oz)

Supplied accessories:

Card remote commander: RM-X301
Parts for installation and connections (1 set)

Optional accessories/equipment:

Rotary commander: RM-X4S
BUS cable (supplied with an RCA pin cord): RC-61 (1 m), RC-62 (2 m)
CD changer (10 discs): CDX-757MX
CD changer (6 discs): CDX-T69
Source selector: XA-C30, XA-C40
AUX-IN selector: XA-300

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

US and foreign patents licensed from Dolby Laboratories.

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

Note

This unit cannot be connected to a digital preamplifier or an equalizer which is Sony BUS system compatible.

Design and specifications are subject to change without notice.



- Lead-free solder is used for soldering.
- Halogenated flame retardants are not used in the certain printed wiring boards.
- Halogenated flame retardants are not used in cabinets.
- Paper is used for the packaging cushions.

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 power is being supplied to the unit.

- Check the connection. If everything is in order, check the fuse.
- If the unit is turned off and the display disappears, it cannot be operated with the remote commander.
→ Turn on the unit.

The power antenna does not extend.

The power antenna does not have a relay box.

No sound.

- The volume is too low.
- The ATT function is activated, or the Telephone ATT function (when the interface cable of a car telephone is connected to the ATT lead) is activated.
- The position of the fader control is not set for a 2-speaker system.
- The CD changer is incompatible with the disc format (MP3/WMA/ATRAC CD).
→ Play back with a Sony MP3 compatible CD changer, or this unit.

No beep sound.

- The beep sound is canceled (page 16).
- An optional power amplifier is connected and you are not using the built-in amplifier.

The contents of the memory have been erased.

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

Stored stations and correct time are erased.

The fuse has blown.

Makes noise when the position of the ignition key is switched.

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

The display disappears from/does not appear in the display window.

- The dimmer is set "Dimmer on" (page 17).
- The display disappears if you press and hold **(OFF)**.
→ Press and hold **(OFF)** on the unit until the display appears.
- The connectors are dirty (page 22).

DSO does not function.

Depending on the type of car interior or type of music, DSO may not have a desirable effect.

Any display items do not display.

→ Set to "Info All" (page 17).

CD/MD playback

The disc cannot be loaded.

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

The disc does not playback.

- Defective or dirty disc.
- The CD-Rs/CD-RWs are not for audio use (page 20).

MP3/WMA files cannot be played back.

The disc is incompatible with the MP3/WMA format and version (page 20).

MP3/WMA files take longer to play back than others.

The following discs take a longer time to start playback.

- a disc recorded with a complicated tree structure.
- a disc recorded in Multi Session.
- a disc to which data can be added.

The ATRAC CD cannot play.

- The disc is not created by authorized software, such as SonicStage or SonicStage Simple Burner.
- Tracks that are not included in the group cannot be played.

The display items do not scroll.

- For discs with very many characters, those may not scroll.
- "Auto Scroll" is set to "off."
→ Set "Auto Scroll on" (page 17) or press **(SCRL)**.

The sound skips.

- Installation is not correct.
→ Install the unit at an angle of less than 45° in a sturdy part of the car.
- Defective or dirty disc.

The operation buttons do not function.

The disc will not eject.

Press the RESET button (page 4).

Radio reception

The stations cannot be received.

The sound is hampered by noises.

- Connect a power antenna control lead (blue) or accessory power supply lead (red) to the power supply lead of a car's antenna booster (only when your car has built-in FM/AM antenna in the rear/side glass).
- Check the connection of the car antenna.
- The auto antenna will not go up.
→ Check the connection of the power antenna control lead.
- Check the frequency.
- When the DSO mode is on, the sound is sometimes hampered by noises.
→ Set the DSO mode to "off" (page 17).

Preset tuning is not possible.

- Store the correct frequency in the memory.
- The broadcast signal is too weak.

Automatic tuning is not possible.

- The local seek mode is set to "on."
→ Set to "Local off" (page 17).
- The broadcast signal is too weak.
→ Perform manual tuning.

During FM reception, the "ST" indication flashes.

- Tune in the frequency accurately.
- The broadcast signal is too weak.
→ Set to "Mono on" (page 17).

An FM program broadcast in stereo is heard in monaural.

- The unit is in monaural reception mode.
→ Set to "Mono off" (page 17).

Bluetooth function**The connecting device cannot detect this unit.**

- Set "Signal" to "ON" (page 12).
- Set "Visibility" to "Show" (page 12).
- While connecting to the other Bluetooth device, this unit cannot be detected from another device.
Disconnect the current connection and search for this unit from another device. The disconnected device can be reconnected by selecting from the list of registered devices.

This unit cannot detect the connecting device.

Check the Bluetooth setting of the connecting device.

Connection is not possible.

- Depending on the other device, searching from this unit may not be possible.
→ Search for this unit from the other device.
- Depending on the status of the other device, searching from this unit may not be possible.
→ Search for this unit from the other device.
- Check the pairing procedures referring to the manual of the other device, etc., and perform the operation again.

The name of the detected device does not appear.

Depending on the status of the other device, it may not be possible to obtain the name.

No ring tone.

- Adjust the volume in "Ring Vol" (page 14).
- Depending on the connecting device, the ring tone may not be sent properly.
→ Set "Ringtone" to "Default" (page 15).

The talker's voice volume is low.

Adjust the volume in "Talk Vol" (page 14).

Echo or noise occurs in phone call conversations.

- Lower the volume.
- "EC/NC Mode" is set to "off."
→ Set "EC/NC Mode" to "Mode 1" or "Mode 2" (page 15).
- If the ambient noise other than the phone call sound is loud, try reducing this noise.
E.g.: If a window is open and road noise, etc., is loud, shut the window. If the air conditioner is loud, lower the air conditioner.

The phone sound quality is poor.

Phone sound quality depends on reception conditions of cellular phone.

- Move your car to a place where you can enhance the cellular phone's signal if the reception is poor.

The sound skips during playback of a Bluetooth audio device.

- Reduce the distance between the unit and the Bluetooth audio device.
- If the Bluetooth audio device is stored in a case which interrupts the signal, remove the audio device from the case while using.
- Several Bluetooth devices or other devices which emit radio waves are used nearby.
→ Turn off the other devices.
→ Reduce the distance from the other devices.

The connected Bluetooth audio device cannot be controlled.

Check that the connected Bluetooth audio device supports AVRCP.

Some functions do not work.

Check that the connecting device supports the functions in question.

The name of the other party does not appear when a call is received.

- The other party is not stored in the phonebook.
→ Store in the phonebook (page 14).
- The calling phone is not set to send the phone number.

A call starts unintentionally.

- The connecting phone is set to start a call automatically.
- "Auto Answer" of this unit is set to "on" (page 15).

Pairing failed in Time Over.

Depending on the connecting device, the time limit for pairing may be short. Try completing the pairing within the time by setting a single digit passcode.

The ring tone or other party's voice is output only from one speaker.

- "Speaker Sel" is set to "FR-L" or "FR-R."
→ Set "Speaker Sel" to "Front" (page 16).

continue to next page →

Error displays/Messages

Audio function

Blank Disc

Tracks have not been recorded on the MD.
→ Play an MD with recorded tracks.

Error

- The disc is dirty or inserted upside down.
→ Clean or insert the disc correctly.
- The disc cannot play due to a problem.
→ Insert another disc.

Failure (Illuminates until any button is pressed.)

The connection of speakers/amplifiers is incorrect.
→ See the installation guide manual of this model to check the connection.

FAILURE (Illuminates for about 1 second.)

When the XM tuner is connected, storing an XM radio channel into a preset failed.

→ Be sure to receive the channel that you want to store, then try it again.

Load

The changer is loading the disc.
→ Wait until loading is complete.

Local Seek +/-

The local seek mode is on during automatic tuning.

NO Disc

The disc is not inserted in the CD/MD changer.
→ Insert discs in the changer.

NO Disc Name

A disc name is not written in the track.

NO Group Name

A group name is not written in the track on the ATRAC CD.

NO ID3 Tag

ID3 tag information is not written in the MP3 file.

NO Information

Text information is not written in the ATRAC3/ATRAC3plus or WMA file.

NO Magazine

The disc magazine is not inserted in the CD changer.
→ Insert the magazine in the changer.

NO Music

The disc is not a music file.
→ Insert a music CD in this unit or MP3 playable changer.

NO Track Name

A track name is not written in the track.

Offset

There may be an internal malfunction.
→ Check the connection. If the error indication remains on in the display, consult your nearest Sony dealer.

Read

The unit is reading all track and group information on the disc.
→ Wait until reading is complete and playback starts automatically. Depending on the disc structure, it may take more than a minute.

Push Reset

The CD unit and CD/MD changer cannot be operated due to a problem.

→ Press the RESET button (page 4).

“ ” or “ ”

During reverse or fast-forward, you have reached the beginning or the end of the disc and you cannot go any further.

“ ”

The character cannot be displayed with the unit.

Bluetooth function

Busy

The Bluetooth process is not complete.

→ Discontinue receiving the phonebook data.

→ Stop the current operation and wait for a while.

Connection Complete

The Bluetooth connection is complete.

Connection Failed

Cannot be connected to the device because the input passcode is incorrect.

Disconnected

The Bluetooth signal is disconnected.

Empty

- There is no data in “Dialed Calls,” “Received Calls” or “Phonebook” in the CALL menu.
- There is no data in the phonebook when storing to the Preset Dial.

Error

The phonebook data cannot be received due to a problem.

HF Device is not available

Handsfree device is not connected.

Invalid Code

The input security code is incorrect.

Memory Full

- The phonebook memory of this unit became full while the phonebook data is received.
- The phonebook memory of this unit is full.

Not Available

The Bluetooth audio device cannot be used because the Bluetooth signal is disconnected.

No Devices Found

- No connectable device is found after searching.
- The device is not registered in “Handsfree Devices” or “Audio Devices.”
→ Register the device in “Handsfree Devices” or “Audio Devices.”

Security Locked

Security is set.

Time Out

The time limit for connection has been exceeded.

Turn ON Bluetooth

The Bluetooth setting is off.

→ Set the Bluetooth setting to on.

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

If you take the unit to be repaired because of CD playback trouble, bring the disc that was used at the time the problem began.

Caution

IN NO EVENT SHALL SONY BE LIABLE FOR ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR OTHER DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF DATA, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, DOWNTIME, AND PURCHASER'S TIME RELATED TO OR ARISING OUT OF THE USE OF THIS PRODUCT, ITS HARDWARE AND/OR ITS SOFTWARE.

IMPORTANT NOTICE!

Safe and efficient use
Changes or modifications to this Bluetooth car handsfree not expressly approved by Sony may void the user's authority to operate the equipment. Please check for exceptions, due to national requirement or limitations, in usage of Bluetooth equipment before using this product.

Driving

Check for laws and regulations on the use of mobile phones and handsfree equipment in the areas where you drive.

Please check for exceptions, due to national requirement or limitations, in usage of Bluetooth equipment before using this product.

Connecting to other devices

When connecting to any other device, please read its user guide for detailed safety instructions.

Radio frequency exposure

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles, such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems or air bag systems. For installation or service of this device, please consult with the manufacturer or its representative of your vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to this device.

Check regularly that all wireless device equipment in your vehicle is mounted and operating properly."

Emergency calls

This Bluetooth car handsfree and the electronic device connected to the handsfree operate using radio signals, cellular, and landline networks as well as user-programmed function, which cannot guarantee connection under all conditions.

Therefore do not rely solely upon any electronic device for essential communications (such as medical emergencies).

Remember, in order to make or receive calls, the handsfree and the electronic device connected to the handsfree must be switched on in a service area with adequate cellular signal strength.

Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use.

Check with your local service provider.

**If you have any questions/problems
regarding this product, try the following:**

1 *Read Troubleshooting in these
Operating Instructions.*

2 *Reset the unit.*

Note: Stored data may be erased.

3 *Please contact (U.S.A. only);*

Call 1-800-222-7669

URL <http://www.SONY.com>

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Sony Corporation Printed in Thailand

MEX-BT5000
2-693-038-21 (1)