

SONY®

4-743-453-11(1)

AV RECEIVER

Operating Instructions

GB

Mode d'emploi

FR

Manual de instrucciones

ES

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. XAV-AX210

Serial No. _____

To cancel the demonstration (Demo) display, see page 17.

For the connection/installation, see page 31.

Pour annuler l'affichage de démonstration (Démo), reportez-vous à la page 00.

Pour le raccordement/l'installation, reportez-vous à la page 00.

Para cancelar la pantalla de demostración (Demostración), consulte la página 00.

Para la conexión/instalación, consulte la página 00.



* 4 7 4 3 4 5 3 1 1 * (1)

XAV-AX210

For safety, be sure to install this unit in the dashboard of the car as the rear side of the unit becomes hot during use.
For details, see "Connection/Installation" (page 31).

The nameplate indicating operating voltage, etc., is located on the bottom of the chassis.

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

FOR THE CUSTOMERS IN THE USA. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.

POUR LES CLIENTS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.

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

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

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

This device complies with Part 15 of the FCC Rules and Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including Interference that may cause undesired operation of the device.

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

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE).

CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD player is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

For the State of California, USA only

Perchlorate Material – special handling may apply, See

www.dtsc.ca.gov/hazardouswaste/perchlorate



WARNING: Do not ingest battery, Chemical Burn Hazard.

The remote commander contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Note on the lithium battery

Do not expose the battery to excessive heat such as direct sunlight, fire or the like.

Warning if your car's ignition has no ACC position

Do not install this unit in a car that has no ACC position. The display of the unit does not turn off even after turning the ignition off, and this causes battery drain.

Disclaimer regarding services offered by third parties

Services offered by third parties may be changed, suspended, or terminated without prior notice. Sony does not bear any responsibility in these sorts of situations.

Important notice

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.

Dear customer, this product includes a radio transmitter.

Please check your vehicle operation manual or contact the manufacturer of your vehicle or your vehicle dealer, before you install this product into your vehicle.

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).

On BLUETOOTH communication

- Microwaves emitting from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off this unit and other BLUETOOTH devices in the following locations, as it may cause an accident.
 - where inflammable gas is present, in a hospital, train, airplane, or petrol station
 - near automatic doors or a fire alarm
- This unit supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology.
- We do not take any responsibility for the leakage of information during BLUETOOTH communication.

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

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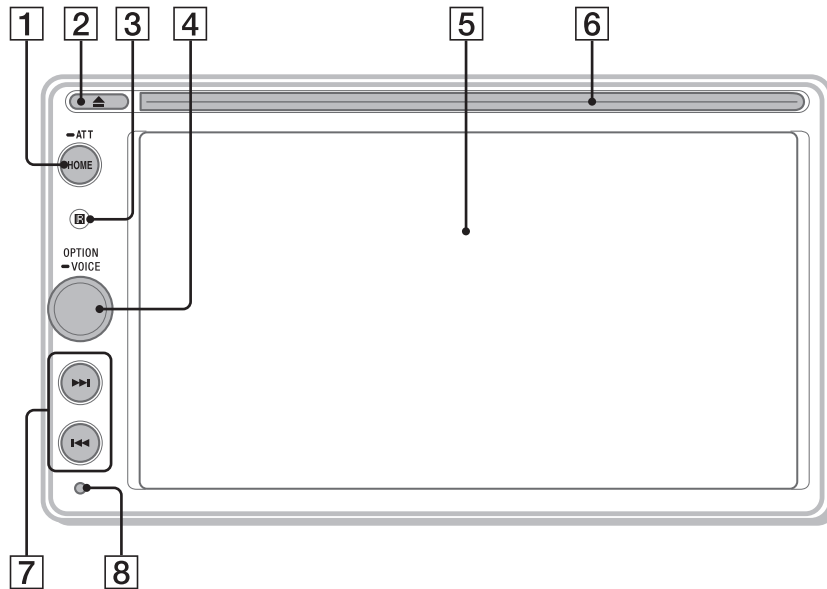
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Connection/Installation

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Guide to Parts and Controls

Main unit



1 HOME

Open the HOME menu.

● ATT (attenuate)

Press and hold for 1 second (less than 2 seconds) to attenuate the sound.

To cancel, press and hold again, or rotate the volume control dial.

2 ▲ (disc eject)

3 Receptor for the remote commander

4 Volume control dial

Rotate to adjust the volume when the sound is output.

OPTION

Press to open the OPTION screen (page 7).

● VOICE

Press and hold to activate the voice command function for Apple CarPlay and Android Auto™.

5 Display/touch panel

6 Disc slot

7 ◀◀/▶▶ (previous/next)

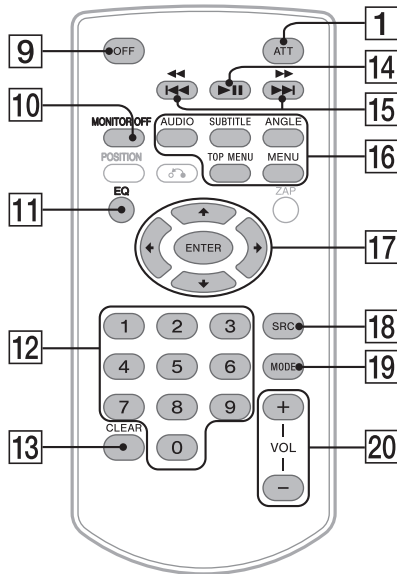
- Move to the previous/next item.
- Press and hold to fast-reverse/fast-forward.

8 Reset button

Use a pointed object such as a ballpoint pen.

RM-X170 remote commander

The remote commander can be used to operate the audio controls. For menu operations, use the touch panel.



Note

The white buttons in the illustration above are not supported.

9 OFF

Turn the source off.

10 MONITOR OFF

Turn off the monitor.
To turn back on, press again.

11 EQ (equalizer)

Select an equalizer curve.

12 Number buttons (0 - 9)

13 CLEAR

14 ►|| (play/pause)

15 ◀◀/▶▶ (previous/next)

◀◀/▶▶ (fast-reverse/fast-forward)

16 DVD playback setting buttons

17 ◀/▶/◀/▶

Functions differ depending on the selected source.

- Tuner: select a preset station or tune into a station automatically.
- SiriusXM: select a preset channel or move to the previous/next channel.
- USB: select a folder or move to the previous/next file.
- CD: move to the previous/next track.
- DVD: move the cursor.

ENTER

Enter the selected item.

18 SRC (source)

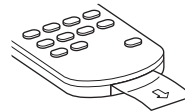
Change the source. Each time you press this button, a selectable source is displayed in a popup on the current display.

19 MODE

Select the radio band.

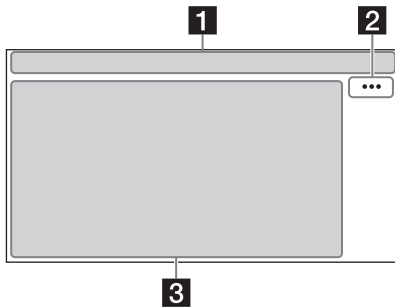
20 VOL (volume) +/-

Remove the insulation film before use.

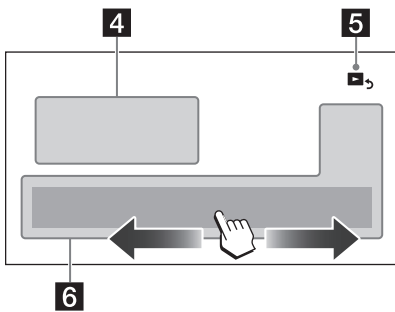


Screen displays

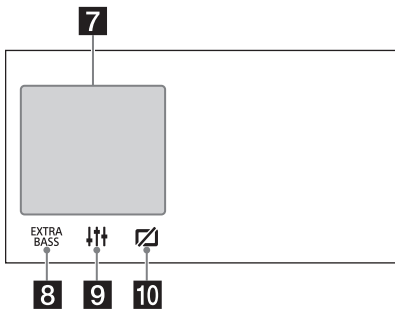
Playback screen:



HOME screen:



OPTION screen:



1 Status indication

- ATT** Lights up when the sound is attenuated.
- SXM** Indicates the signal strength status of the connected SiriusXM Connect Vehicle Tuner.
- Lights up when the audio device is playable by enabling the A2DP (Advanced Audio Distribution Profile).
- Lights up when handsfree calling is available by enabling the HFP (Handsfree Profile).
- Indicates the signal strength status of the connected cellular phone.
- Indicates the remaining battery status of the connected cellular phone.
- Lights up when the Bluetooth® signal is on. Flashes when the connection is in progress.

2 ... (source option)

Open the source option menu. The available items differ depending on the source.

3 Application specific area

Display playback controls/indications or show the unit's status. Displayed items differ depending on the source.

4 Clock (page 17)

5 (return to the playback screen)

Switch from the HOME screen to the playback screen.

6 Sources and Settings select keys

Change the source or make various settings. Display the setting icon and other icons by flicking the bottom of this area.

7 Sources select keys

Change the source.

8 (EXTRA BASS)

Change the EXTRA BASS setting (page 18).

9 (EQ10/Subwoofer)

Change the EQ10/Subwoofer setting (page 18).

10 (monitor off)

Turn off the monitor. When the monitor is turned off, touch any part of the display to turn it back on.

Getting Started

Performing Initial Settings

You need to perform initial settings before operating the unit for the first time, after replacing the car battery, or changing connections. If the initial settings screen does not appear when you turn on the unit, perform the factory reset (page 18) to initialize the unit.

- 1 Touch [Language], then set the display language.
- 2 Touch [Demo], then touch and select [OFF] to disable the demonstration mode.
- 3 Touch [Set Date/Time], then set the date and time.
- 4 After setting the date and time, touch [OK]. The startup caution appears.
- 5 Read through the startup caution, then if you accept all conditions, touch [Close]. The setting is complete.

This setting can be further configured in the setting menu (page 17).

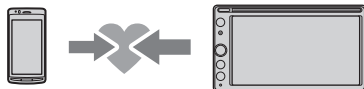
Preparing a BLUETOOTH Device

You can enjoy music or perform handsfree calling depending on the BLUETOOTH compatible device such as smartphones, cellular phones, and audio devices (hereafter "BLUETOOTH device" if not otherwise specified). For details on connecting, refer to the operating instructions supplied with the device.

Before connecting the device, turn down the volume of this unit; otherwise, a loud sound may result.

Pairing and connecting with a BLUETOOTH device

When connecting a BLUETOOTH device for the first time, mutual registration (called "pairing") is required. Pairing enables this unit and other devices to recognize each other.



- 1 Place the BLUETOOTH device within 1 m (3 ft) of this unit.
- 2 Press HOME, then touch [Settings].

3 Touch [Settings].

4 Touch [Bluetooth Connection], then set the signal to [ON].

The BLUETOOTH signal is turned on and lights up on the status bar of the unit.

5 Touch [Pairing].

flashes while the unit is in pairing standby mode.

6 Perform pairing on the BLUETOOTH device so it detects this unit.

7 Select [XAV-AX210] shown in the display of the BLUETOOTH device.

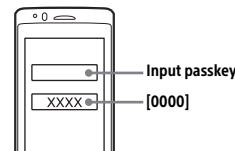
If your model name does not appear, repeat from step 5.



8 To allow the connection, operate the BLUETOOTH device to make the approval, and touch [OK] on the unit.

9 If passkey* input is required on the BLUETOOTH device, input [0000].

* Passkey may be called "passcode," "PIN code," "PIN number," "password," etc., depending on the BLUETOOTH device.



When pairing is made, stays lit.

10 Select this unit on the BLUETOOTH device to establish the BLUETOOTH connection.

or lights up when the connection is made.

Notes

- The unit can only be connected with one BLUETOOTH device at a time.
- To disconnect the BLUETOOTH connection, turn the connection off from either the unit or the BLUETOOTH device.

Connecting with a paired BLUETOOTH device

To use a paired device, connection with this unit is required. Some paired devices will connect automatically.



- 1 Press HOME, then touch [Settings].
- 2 Touch .
- 3 Touch [Bluetooth Connection], then touch [ON].
Make sure that  lights up on the status bar of the unit.
- 4 Activate the BLUETOOTH function on the BLUETOOTH device.
- 5 Operate the BLUETOOTH device to connect to this unit.
 or  lights up on the status bar.

To connect the last-connected device from this unit

When the ignition is turned to on with the BLUETOOTH signal activated, this unit searches for the last-connected BLUETOOTH device, and connection is made automatically.

Note

While streaming BLUETOOTH audio, you cannot connect from this unit to the cellular phone. Connect from the cellular phone to this unit instead.

To install the microphone

For details, see "Installing the microphone" (page 33).

Connecting Cameras

By connecting the optional cameras to the CAMERA IN terminals, you can display pictures from the cameras. For details, see "Connection/Installation" (page 31).

To display pictures from the cameras

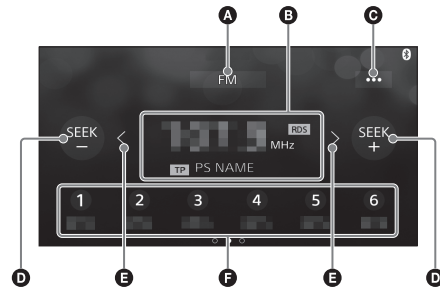
Press HOME, touch [Camera], then touch [1], [2] or [Rear].

Listening to the Radio

Listening to the Radio

To listen to the radio, press HOME then touch [Tuner].

Reception controls/indications



- A Current band**
Change the band (FM or AM).
- B Current frequency, program service name*, RDS (Radio Data System) indication***
* During RDS reception.
- C ... (tuner option)**
Open the tuner option menu.
- D SEEK-/SEEK+**
Tune in automatically.
- E </>**
Tune in manually.
Touch and hold to continuously skip frequencies.
- F Preset numbers**
Select a preset station. Swipe right/left to show the other preset stations.
Touch and hold to store the current frequency in that preset.

Tuning

- 1 Select the desired band (FM or AM).
- 2 Perform tuning.
To tune automatically
Touch SEEK-/SEEK+.
Scanning stops when the unit receives a station.
To tune manually
Touch and hold </> to locate the approximate frequency, then touch </> repeatedly to fine adjust to the desired frequency.

Storing manually

- 1 While receiving the station that you want to store, press and hold the desired preset number.

Receiving stored stations

- 1 Select the band, then touch the desired preset number.

Using Tuner Option Functions

The following functions are available by touching **...**.

BTM

Stores stations in order of frequency on the preset numbers. 18 stations can be stored for FM and 12 stations for AM as preset stations.

Local

Select [ON] to tune only to stations with strong signals. To tune normally, select [OFF].

PTY*

Select a program type from the PTY List to search for a station broadcasting the selected program type.

* Only available during FM reception.

Listening to the SiriusXM Radio

To listen to the SiriusXM radio, press HOME then touch [SXM].

Activating your SiriusXM Subscription

Only SiriusXM brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Connect Vehicle Tuner and Subscription are required. For more information, visit www.siriusxm.com

After installing your SiriusXM Connect Vehicle Tuner and antenna (aerial), press HOME, then touch [SXM]. You should be able to hear the SiriusXM preview channel on Channel 1. After verifying that you can hear the preview channel, select Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

To display the SiriusXM Radio ID

- 1 Press HOME, then touch [SXM].
- 2 Touch **...**, then select [Channel Direct Select].
- 3 Input [000], then touch [OK].

In the USA, you can activate online or by calling SiriusXM Listener Care:

- Online: Visit www.siriusxm.com/activatenow
- Phone: Call 1-866-635-2349

In Canada, you can activate online or by calling SiriusXM Listener Care:

- Online: Visit www.siriusxm.ca/activatexm
- Phone: Call 1-877-438-9677

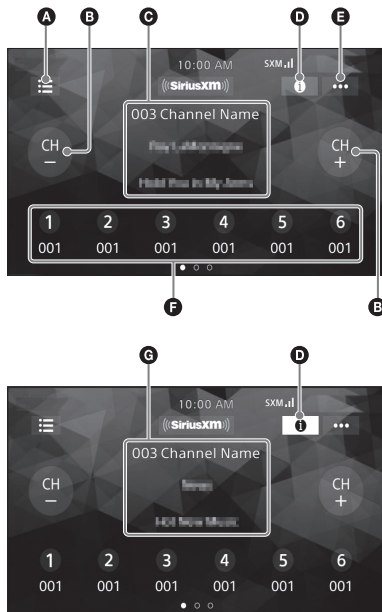
As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: [Subscription Updated. Press Enter to Continue.]. Once subscribed, you can tune to channels in your subscription plan.

Notes

- The activation process usually takes 10 to 15 minutes, but may take up to an hour.
- Your radio will need to be turned on and receiving the SiriusXM signal to receive the activation message.

Tuning channels for SiriusXM

Reception controls/indications



- A** (list)
Open the channel list or category list.
- B** CH- (previous channel) /CH+ (next channel)
Select the channel.
- C** Channel number, channel name, artist name, song title
- D** (information)
Switch the channel information.
- E** ... (SXM option)
Open the SXM option menu.
- F** Preset numbers
Select a preset channel. Swipe right/left to show the other preset channels. Touch and hold to store the current channel in that preset.
- G** Channel number, channel name, category name, content information

To tune the channel from the channel list or category list

- 1 Touch .
- 2 Touch [Channel List].
Alternatively, touch [Category List], then touch the desired category item.
The channel list appears.
- 3 Touch the desired channel.

To store channels

- 1 While receiving the channel that you want to store, touch and hold a number key (1 to 6).

To receive the stored channel, touch a number key (1 to 6).

To set a parental control

The parental control feature allows you to limit access to SiriusXM channels with mature content. When enabled, the parental control feature requires you to enter a passcode to tune to the locked channels. Information on setting up the passcode and locking channels can be found below.

- 1 Touch , then touch [Parental Control].
The passcode input display appears.
- 2 Enter your 4-digit passcode by touching the number keys, then touch [OK].
The passcode confirmation display appears.
- 3 Enter the 4-digit passcode again, then touch [OK].
The parental control is applied, and the channels are locked.

To unlock the channels/To lock the channels again

- 1 Touch , then touch [Parental Control].
The passcode input display appears.
- 2 Enter your 4-digit passcode by touching the number keys, then touch [OK].

To change the passcode

- 1 Touch , touch [Pass Code Change], then enter your current passcode.
- 2 Enter your new passcode.

Using SXM Option Functions

The following functions are available by touching .

Channel Direct Select

Tune the desired channel by inputting its channel number directly. Use the number buttons (0 – 9) and press ENTER on the remote commander.

Parental Control

Set the parental lock to on or off, and edit the passcode.

Pass Code Change

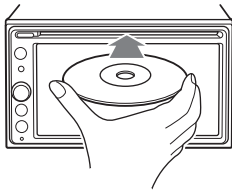
Change the passcode for the Parental Control feature.

Playback

Playing a Disc

Depending on the disc type, some operations may be different or restricted.

1 Insert the disc (label side up).



Playback starts automatically.

If a DVD menu appears

Touch the desired item in the DVD menu. You can also use the menu control panel, which can be displayed by touching the screen anywhere except the DVD menu items. Touch $\blacktriangleleft/\blacktriangleright/\blacktriangleup/\blacktriangledown$ to move the cursor, then touch $\oplus$ to confirm. If the menu control panel does not appear by touching the display, use the remote commander.

Example of playback indications (DVD)



A Title number, chapter number, audio format

B Progress bar, elapsed playback time

Touch the display if the indications are not displayed.

Note

To switch to the DVD playback screen while displaying the screen of the Apple CarPlay, Android Auto, etc., press HOME, then touch [Disc].

Changing the audio language/format

When playing a DVD video, the audio language can be changed if the disc is recorded with multilingual tracks. You can also change the audio format when playing a disc recorded in multiple audio formats (e.g., Dolby Digital). During playback, touch the screen, then Audio . Touch Audio repeatedly until the desired audio language/format appears.

Example: Dolby Digital 5.1 ch



A Audio language

B Audio format/channel numbers

If the same language is displayed two or more times, the disc is recorded in multiple audio formats.

Playing a USB Device

MSC (Mass Storage Class) type USB devices (such as a USB flash drive, digital media player) compliant with the USB standard can be used.

Notes

- USB devices formatted with file systems FAT12/16/32 are supported.
- For details on the compatibility of your USB device, visit the support site on the back cover.
- For details on the supported file formats, see "Supported formats for USB playback" (page 21).

1 Turn down the volume on the unit.

2 Connect the USB device to the USB port.

3 Press HOME, then touch [USB].

Playback starts.

To remove the device

Turn the unit off or turn the ignition switch to the ACC off position, then remove the USB device.

Playing a BLUETOOTH Device

You can play contents on a connected device that supports BLUETOOTH A2DP (Advanced Audio Distribution Profile).



- 1 Make a BLUETOOTH connection with the audio device (page 9).
- 2 Press HOME, then touch [BT Audio].
- 3 Operate the audio device to start playback.

Notes

- Depending on the audio device, information such as title, track number/time, and playback status may not be displayed on this unit.
- Even if the source is changed on this unit, playback of the audio device does not stop.

To match the volume level of the BLUETOOTH device to other sources

You can reduce the volume level differences between this unit and the BLUETOOTH device: During playback, touch **...**, then set [Input Level] between -8 and +8.

Searching and Playing Tracks

Repeat play and shuffle play

- 1 During playback, touch **↺** (repeat) or **↻** (shuffle) repeatedly until the desired play mode appears.
Playback in the selected play mode may take time to start.

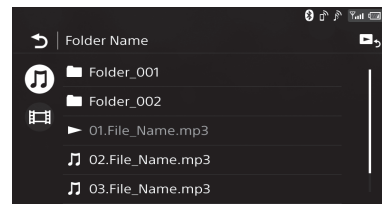
Available play modes differ depending on the selected sound source and connected device.

Direct search play

- 1 During DVD playback, press the number buttons on the remote commander to enter an item (e.g., track) number, then press ENTER on the remote commander.
Playback starts from the beginning of the selected point.

Searching for a file from the list screen

- 1 During CD-DA or USB playback, touch **≡**. The list screen from the currently played item appears.



Furthermore, touch **🎵** (audio) or **🎬** (video) to list up by file type. (Available only when USB is played.)

- 2 Touch the desired item.
Playback starts.

Other Settings During Playback

Further settings are available in each source by touching **...**. The available items differ depending on the source.

Picture EQ

Adjusts the picture quality according to your taste: [Dynamic], [Standard], [Theater], [Custom]. (Available only when the parking brake is applied and USB video or DVD video is played back.)

Aspect

Selects an aspect ratio for the screen of the unit. (Available only when the parking brake is applied and USB video or DVD video is played back.)

Normal

Displays a 4:3 picture in its original size, with side bars to fill the 16:9 screen.

Zoom

Displays a 16:9 picture that has been converted into 4:3 letter box format.

Full

Displays a 16:9 picture in its original size.

Captions

Enlarges the picture horizontally, while fitting captions in the screen.

DVD Audio Level

Adjust the audio output level between -8 and +8 for a DVD recorded in Dolby Digital format to balance the volume level between discs. (Available only when DVD is played.)

Handsfree Calling

To use a cellular phone, connect it with this unit. For details, see "Preparing a BLUETOOTH Device" (page 8).



Note

The handsfree calling functions explained below are available only when the Apple CarPlay or Android Auto function is deactivated. When the Apple CarPlay or Android Auto function is activated, use the handsfree calling functions on its application.

Receiving a Call

- 1 Touch when a call is received.
The phone call starts.

Note

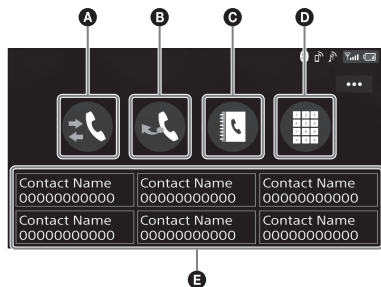
The ringtone and talker's voice are output only from the front speakers.

To reject/end a call

Touch .

Making a Call

- 1 Press HOME, then touch [Phone].
- 2 Touch one of the call icons on the BLUETOOTH phone display.



- Call history (call history)***
Select a contact from the call history list. The unit stores the last 20 calls.
- Redial (redial)**
Make a call automatically to the last contact you made.

C **Contacts (contacts)***

Select a contact from the name list/number list in the phonebook. To search for the desired contact in alphabetical order from the name list, touch .

D **Dialpad (dialpad)**

Enter the phone number.

E **Preset phone number list**

Select the stored contact.
To store the contact, see "Presetting phone numbers" (page 14).

* The cellular phone needs to support PBAP (Phone Book Access Profile).

3 Touch .

The phone call starts.

Presetting phone numbers

You can store up to 6 contacts in the preset list.

- 1 In the phone screen, select a phone number that you want to store in the preset dial from the phonebook.
The confirmation display appears.
- 2 Touch [Add to Preset].
- 3 Select the preset phone number list where the phone number is stored.
The contact is stored in the preset phone number list.

Available Operations During a Call

To adjust the ringtone volume

Rotate the volume control dial while receiving a call.

To adjust the talker's voice volume

Rotate the volume control dial during a call.

To adjust the volume for the other party (Mic gain adjustment)

During a handsfree call, touch , then set [MIC Gain] to [High], [Middle], or [Low].

To switch between handsfree mode and handheld mode

During a call, touch to switch the phone call audio between the unit and cellular phone.

Note

Depending on the cellular phone, this operation may not be available.

To answer an incoming call automatically

Touch , then set [Auto Answer] to [ON].

Useful Functions

Apple CarPlay

Apple CarPlay lets you use your iPhone in the car in a way that allows you to stay focused on the road.

Notes on using Apple CarPlay

- iPhone with iOS 7.1 or later is required. Update to the latest iOS version before use.
- Apple CarPlay can be used on iPhone 5 or later.
- For details on compatible models, refer to the compatibility list on the support site on the back cover.
- For details about Apple CarPlay, refer to the manual supplied with your iPhone, or visit the website of Apple CarPlay.
- Since the GPS on your iPhone is used, place your iPhone where it can easily receive a GPS signal.

1 Connect your iPhone to the USB port.

2 Press HOME, then touch the Apple CarPlay icon.

Your iPhone's display appears on the display of the unit. Touch and control the applications.

Use of the Apple CarPlay logo means that a vehicle user interface meets Apple performance standards. Apple is not responsible for the operation of this vehicle or its compliance with safety and regulatory standards.

Please note that the use of this product with iPhone may affect wireless performance.

Android Auto

Android Auto extends the Android™ platform into the car in a way that's purpose-built for driving.

Notes on using Android Auto

- Android phone with Android 5.0 or higher is required. Update to the latest OS version before use.
- Your Android phone needs to support Android Auto. For details on compatible models, refer to the compatibility list on the support site on the back cover.
- Download the Android Auto app on Google Play™.
- For details about Android Auto, refer to the manual supplied with your Android phone, or visit the website of Android Auto.
- Since the GPS on your Android phone is used, place your Android phone where it can easily receive a GPS signal.
- Android Auto may not be available in your country or region.

1 Connect your Android phone to the USB port.

2 Press HOME, then touch the Android Auto icon.

The Android Auto interface will be displayed full-screen on the display of the unit. Touch and control the applications.

iDataLink Maestro

Connecting the iDataLink Maestro module (not supplied) to this unit allows you to display the current car status and adjust certain settings. Available functions and settings differ according to your car type and the firmware installed to the iDataLink Maestro module unit. For more information, visit <http://maestro.idatalink.com/>. Sony does not guarantee all the operation of the iDataLink Maestro functions and settings.

Getting iDataLink Maestro ready

Installing the firmware to the iDataLink Maestro module unit is required before using the iDataLink Maestro features.

1 Check the serial number of the unit.

The serial number is indicated on the back of the unit, or touch [Serial Number] in [Settings] (page 18).

2 Visit the website (<http://maestro.idatalink.com/>), follow the on-screen instructions to configure the firmware according to your car type, then install the firmware to the iDataLink Maestro module unit.

If you have any questions or problems concerning the iDataLink Maestro module unit that are not covered on the website, contact:
Automotive Data Solutions Inc.
Email: support@idatalink.com
Call: 1-866-427-2999

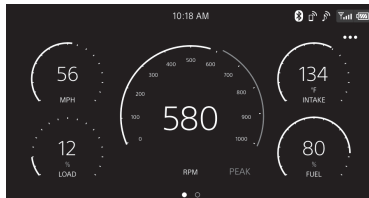
Using iDataLink Maestro

After installing the the iDataLink Maestro module, only available functions and settings are displayed on the HOME screen:

Ex., Gauges, Vehicle Info, Climate, Park Assist

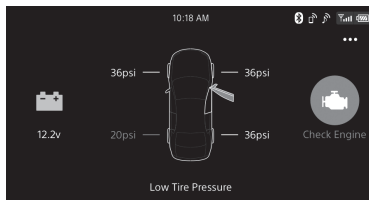
Gauges screen:

Driving information of your car such as running speed and engine speed can be displayed.



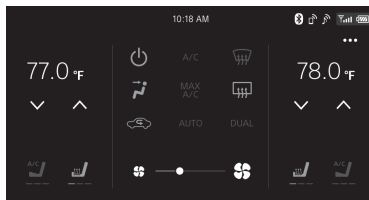
Vehicle Info screen:

Current conditions of your car such as the engine and car battery voltage can be displayed.



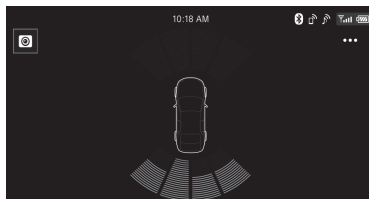
Climate screen:

Air conditioning inside your car can be set up.



Park Assist screen:

Distances from the front or rear of your car to obstacles can be detected.



Note on the obstacle detect information

This function is for supporting the driver's vision only, and not all obstacles and risks can be detected.

Using Gesture Command

You can perform frequently-used operations by swiping your finger on the reception/playback display.

Note

The gesture commands explained below are not available on the screens of Apple CarPlay and Android Auto.

Do this	To
 Swipe left to right	Radio reception: seek forward stations. (The same as pressing and holding) SiriusXM reception: tune the next channel (channel +).
	Video/audio playback: skip forward a file/track. (The same as)
	Radio reception: seek backward stations. (The same as pressing and holding) SiriusXM reception: tune the previous channel (channel -).
 Swipe right to left	Video/audio playback: skip backward a file/track. (The same as)
	Radio reception: receive stored stations (go forward). SiriusXM reception: tune the next preset (preset +).
 Swipe upwards	USB video/USB audio playback: move to the next folder.
 Swipe downwards	Radio reception: receive stored stations (go backward). SiriusXM reception: tune the previous preset (preset -).
	USB video/USB audio playback: move to the previous folder.

Settings

Basic Setting Operation

You can set items in the following setup categories:

- General Settings, Sound Settings,
- Visual Settings

- 1 Press HOME, then touch [Settings].
- 2 Touch one of the setup category icons.
The items that can be set differ depending on the source and settings.
- 3 Move the scrollbar up and down to select the desired item.

To return to the previous display

Touch .

To switch to the playback screen

Touch .

General Settings

Language

Selects the display language: [English], [Español], [Français], [Deutsch], [Italiano], [Nederlands], [Português], [Русский], [ไทย], [简体中文], [繁體中文], [한국어].

Demo

Activates the demonstration: [OFF], [ON].

Date/Time

Date Format

Selects the format: [DD/MM/YY], [MM/DD/YY], [YY/MM/DD].

Time Format

Selects the format: [12-hour], [24-hour].

Set Date/Time

Sets the date and clock time manually.

Beep

Activates the operation sound: [OFF], [ON].

Dimmer

Dims the display: [OFF], [Auto], [ON].

([Auto] is available only when the illumination control lead is connected and works when the head light is turned on.)

Dimmer Level

Adjusts the brightness level when the dimmer is activated: -5 to +5.

Touch Panel Adjust

Adjusts the touch panel calibration if the touching position does not correspond with the proper item.

Camera Input

Selects the cameras connected to the camera input terminals: [Rear], [1], [2].

It also selects the view from the cameras: [OFF], [Normal], [Reverse] (mirror image).

Rear Camera Line Setting

Adjusts the length and/or position of the marker lines on the picture from the rear view camera by touching the arrow marks.

To hide the marker lines, touch  repeatedly until the marker line disappears.

Steering Control

Selects the input mode for the connected remote control. To prevent a malfunction, be sure to match the input mode with the connected remote control before use.

Custom

Input mode for the steering wheel remote control (follow the procedures of [Steering Control Custom] to register functions on the connected remote control).

Preset

Input mode for the wired remote control excluding the steering wheel remote control.

Steering Control Custom

The steering button panel appears.

- 1 Press and hold the button you want to assign to the steering wheel.
The button on the panel lights up (standby).
- 2 Press and hold the button on the steering wheel you want to assign the function to.
The button on the panel will change the color (highlighted or encircled by an orange line).
- 3 To register other functions, repeat steps 1 and 2.

(Available only when [Steering Control] is set to [Custom].)

Notes

- While making settings, the connected remote control cannot be used even though some functions have already been registered. Use the buttons on the unit.
- If an error occurs while registering, all the registered information is cleared. Restart registration from the beginning.
- This function may not be available on some vehicles. For details on the compatibility of your vehicle, visit the support site on the back cover.

Bluetooth Connection

Activates the BLUETOOTH signal: [OFF], [ON], [Pairing] (enters into pairing standby mode).

Bluetooth Device Info

Displays the information of the device connected to the unit.
(Available only when [Bluetooth Connection] is set to [ON] and a BLUETOOTH device is connected to the unit.)

Maestro Input Level

Adjusts the relative volume level to the signal input from the iDataLink Maestro module unit: -8 to +8
(Available only when the connection with iDataLink Maestro is established.)

Maestro Settings

Displays the contents depending on the settings of iDataLink Maestro.
(Available only when the connection with iDataLink Maestro is established.)

Clock Time

Sets the clock time by the RDS data: [OFF], [ON].

Bluetooth Reset

Initializes all BLUETOOTH-related settings such as pairing information, call history, history of connected BLUETOOTH devices, etc.

SXM Reset

Initializes the SiriusXM Connect Vehicle Tuner settings (preset channels/parental lock): [Reset], [Cancel].

Factory Reset

Initializes all the settings to the factory settings.

Serial No

Displays the serial number of the unit.

Firmware Version

Updates and confirms the firmware version.

Open Source Licenses

Displays the software licenses.

Sound Settings

EXTRA BASS

Reinforces bass sound in synchronization with the volume level: [OFF], [1], [2].

EQ10/Subwoofer

Selects an equalizer curve and adjusts the subwoofer level.

EQ10

Selects the equalizer curve: [OFF], [R&B], [Rock], [Pop], [Dance], [Hip-Hop], [Electronica], [Jazz], [Soul], [Country], [Custom].

[Custom] adjusts the equalizer curve: -6 to +6.

Subwoofer

Adjusts the volume level of the subwoofer: [OFF], -10 to +10.

Balance/Fader

Adjusts the balance/fader level.

Balance

Adjusts the sound balance between the left and right speakers: [L15] to [R15].

Fader

Adjusts the sound balance between the front and rear speakers: [Front 15] to [Rear 15].

Crossover

Adjusts the cut-off frequency and subwoofer phase.

High Pass Filter

Selects the cut-off frequency of the front/rear speakers: [OFF], [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].

Low Pass Filter

Selects the cut-off frequency of the subwoofer: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].

Subwoofer Phase

Selects the subwoofer phase: [Normal], [Reverse].

DSO (Dynamic Stage Organizer)

Enhances audio output: [OFF], [Low], [Middle], [High].

Visual Settings

Wallpaper

Changes the wallpaper by touching the desired color or sets your favorite photo data in a MSC (Mass Storage Class) type USB device as a wallpaper.

Key Illumination

Registers a customized color for the buttons.

[Red]: [0] to [32]

[Green]: [0] to [32]

[Blue]: [0] to [32]

DVD Menu Language

Selects the default language for the disc's menu: [English], [Chinese], [German], [French], [Italian], [Spanish], [Portuguese], [Dutch], [Danish], [Swedish], [Finnish], [Norwegian], [Russian], [Other].

(Available only when no source is selected.)

DVD Audio Language

Selects the default language for the soundtrack: [English], [Chinese], [German], [French], [Italian], [Spanish], [Portuguese], [Dutch], [Danish], [Swedish], [Finnish], [Norwegian], [Russian], [Other].

(Available only when no source is selected.)

DVD Subtitle Language

Selects the default subtitle language for DVD: [English], [Chinese], [German], [French], [Italian], [Spanish], [Portuguese], [Dutch], [Danish], [Swedish], [Finnish], [Norwegian], [Russian], [Other].
(Available only when no source is selected.)

Output Color System

Changes the color system according to the connected monitor (SECAM is not supported): [NTSC], [PAL].
(Available only when no source is selected.)

Rear Monitor Type

Selects an aspect ratio suitable for the connected monitor.
(Available only while the source is off.)

16:9

Displays a wide picture. Suitable when connecting to a wide-screen monitor or a monitor with a wide mode function.

Letterbox

Displays a wide picture with bands on the upper and lower positions of the screen. Suitable when connecting to a 4:3 screen monitor.

Pan Scan

Displays a wide picture on the entire screen and automatically cuts off the portions that do not fit.

Album artwork display

Displays the album artwork on the background while USB music plays back: [OFF], [ON].

Additional Information

Updating the Firmware

To update the firmware, visit the support site on the back cover, then follow the online instructions. Updating the firmware takes a few minutes to complete. During the update, do not turn the ignition to the OFF position.

Precautions

- Cool off the unit beforehand if your car has been parked in direct sunlight.
- Power antenna (aerial) extends automatically.
- When you transfer ownership or dispose of your car with the unit installed, initialize all the settings to the factory settings by performing the factory reset (page 18).

To maintain high sound quality

Do not splash liquid onto the unit.

Notes on safety

- Comply with your local traffic rules, laws, and regulations.
- While driving
 - Do not watch or operate the unit, as it may lead to distraction and cause an accident. Park your car in a safe place to watch or operate the unit.
 - Do not use the setup feature or any other function which could divert your attention from the road.
 - When backing up your car, be sure to look back and watch the surroundings carefully for your safety even if the rear view camera is connected. Do not depend on the rear view camera exclusively.
- While operating
 - Do not insert your hands, fingers, or foreign objects into the unit as it may cause injury or damage to the unit.
 - Keep small articles out of the reach of children.
 - Be sure to fasten seatbelts to avoid injury in the event of sudden movement of the car.

Preventing an accident

Pictures appear only after you park the car and set the parking brake.
If the car starts moving during video playback, the following caution is displayed and you cannot watch the video.

[Video blocked for your safety.]

The monitor connected to the VIDEO OUT is active while the car is in motion.
You cannot watch the video, but you can hear audio.

Do not operate the unit or watch the monitor while driving.

Notice on license

This product contains software that Sony uses under a licensing agreement with the owner of its copyright. We are obligated to announce the contents of the agreement to customers under requirement by the owner of copyright for the software.

For details on software licenses, see page 18.

Notice on GNU GPL/LGPL applied software

This product contains software that is subject to the following GNU General Public License (hereinafter referred to as "GPL") or GNU Lesser General Public License (hereinafter referred to as "LGPL"). These establish that customers have the right to acquire, modify, and redistribute the source code of said software in accordance with the terms of the GPL or LGPL displayed on this unit.

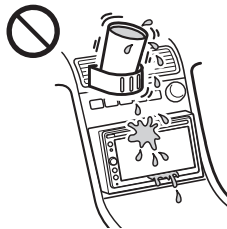
The source code for the above-listed software is available on the Web.

To download, please access the following URL then select the model name "XAV-AX210."

URL: <http://www.sony.net/Products/Linux/>
Please note that Sony cannot answer or respond to any inquiries regarding the content of the source code.

Notes on LCD panel

- Do not get the LCD panel wet or expose it to liquids. This may cause a malfunction.



- Do not press down hard on the LCD panel as doing so can distort the picture or cause a malfunction (i.e., the picture may become unclear or the LCD panel may be damaged).
- Do not touch the panel with objects other than with your finger as it may damage or break the LCD panel.
- Clean the LCD panel with a dry soft cloth. Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray.
- Do not use the unit outside the temperature range 0 °C – 40 °C (32 °F – 104 °F).
- If your car was parked in a cold or hot place, the picture may not be clear. However, the monitor is not damaged and the picture will become clear after the temperature in your car becomes normal.
- Some stationary blue, red, or green dots may appear on the monitor. These are called "bright spots" and can happen with any LCD. The LCD panel is precision-manufactured with more than 99.99% of its segments functional. However, it is possible that a small percentage (typically 0.01%) of the segments may not light up properly. This will not, however, interfere with your viewing.

Playable discs

Discs

- DVD*: DVD VIDEO
- CD: CD-DA

* "DVD" may be used in these Operating Instructions as a general term for DVD VIDEOS.

Notes on discs

- Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight.
- Before playing, wipe the discs with a cleaning cloth from the center out. Do not use solvents such as benzine, thinner, or commercially available cleaners.
- This unit is designed to play discs that conform to the Compact Disc (CD) standard. DualDiscs and some music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard, therefore, these discs may not be playable by this unit.
- Discs that this unit CANNOT play
 - Discs with labels, stickers, or sticky tape or paper attached. Doing so may cause a malfunction, or may ruin the disc.
 - Discs with non-standard shapes (e.g., heart, square, star). Attempting to do so may damage the unit.
 - 8 cm (3 1/4 in) discs.



Supported formats for USB playback

- WMA (.wma)^{*1*2}
 Bit rate: 48 kbps – 192 kbps (Supports variable bit rate (VBR))^{*3}
 Sampling frequency^{*4}: 44.1 kHz
- MP3 (.mp3)^{*1*2}
 Bit rate: 48 kbps – 320 kbps (Supports variable bit rate (VBR))^{*3}
 Sampling frequency^{*4}: 32 kHz, 44.1 kHz, 48 kHz
- AAC (.m4a)^{*1*2}
 Bit rate: 40 kbps – 320 kbps (Supports variable bit rate (VBR))^{*3}
 Sampling frequency^{*4}: 8 kHz – 48 kHz
 Bit per sample (Quantization bit): 16 bits
- FLAC (.flac)^{*1}
 Sampling frequency^{*4}: 8 kHz – 96 kHz
 Bit per sample (Quantization bit): 8 bits, 12 bits, 16 bits, 20 bits, 24 bits
- WAV (.wav)^{*1}
 Sampling frequency^{*4}: 8 kHz – 48 kHz
 Bit per sample (Quantization bit): 16 bits, 24 bits
- Xvid (.avi)
 Video codec: MPEG-4 Advanced Simple Profile
 Audio codec: MP3 (MPEG-1 Layer3)
 Bit rate: Max. 4 Mbps
 Frame rate: Max. 30 fps (30p/60i)
 Resolution: Max. 720 × 576^{*5}
- MPEG-4 (.mp4)
 Video codec: MPEG-4 Advanced Simple Profile, AVC Baseline Profile
 Audio codec: AAC
 Bit rate: Max. 4 Mbps
 Frame rate: Max. 30 fps (30p/60i)
 Resolution: Max. 720 × 576^{*5}
- WMV (.wmv, .avi)^{*1}
 Video codec: WMV3, WVC1
 Audio codec: MP3, WMA
 Bit rate: Max. 6 Mbps
 Frame rate: Max. 30 fps
 Resolution: Max. 720 × 576^{*5}
- FLV (.flv)
 Video codec: Sorenson H.263, AVC Baseline Profile
 Audio codec: MP3, AAC
 Bit rate: Max. 660 kbps
 Frame rate: Max. 30 fps
 Resolution: Max. 720 × 480^{*5}
- MKV (.mkv)
 Video codec: MPEG-4 Advanced Simple Profile, AVC Baseline Profile
 Audio codec: WMA, MP3, AAC
 Bit rate: Max. 5 Mbps
 Frame rate: Max. 30 fps
 Resolution: Max. 720 × 576^{*5}

^{*1} Copyright-protected files and multi-channel audio files cannot be played back.

^{*2} DRM (Digital Rights Management) files cannot be played back.

^{*3} Non-standard bit rates or non-guaranteed bit rates are included depending on the sampling frequency.

^{*4} Sampling frequency may not correspond to all encoders.

^{*5} These numbers indicate the maximum resolution of playable video and do not indicate the player's display resolution. The display resolution is 800 × 480.

Note

Some files may not be played back even though their file formats are supported by the unit.

About iPhone

- For details on compatible iPhone models, visit the support site on the back cover.
- Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with an Apple product may affect wireless performance.

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

Maintenance

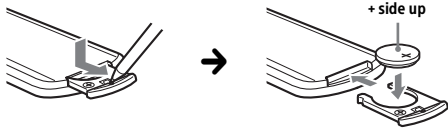
Replacing the lithium battery of the remote commander

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 remote commander becomes shorter.

CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.



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 ensure 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.

Specifications

FOR THE CUSTOMERS IN THE USA. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.

POUR LES CLIENTS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.

AUDIO POWER SPECIFICATIONS



CTA2006 Standard

Power Output: 20 Watts RMS × 4 at 4 Ohms < 1% THD+N

SN Ratio: 80 dBA (reference: 1 Watt into 4 Ohms)

Monitor section

Display type: Wide LCD color monitor

Dimensions: 6.4 in

System: TFT active matrix

Number of pixels:

1,152,000 pixels (800 × 3 (RGB) × 480)

Color system:

PAL/NTSC/SECAM/PAL-M automatic select for CAMERA IN terminal

Tuner section

FM

Tuning range: 87.5 MHz – 107.9 MHz

Antenna (aerial) terminal:

External antenna (aerial) connector

Intermediate frequency: 150 kHz

Usable sensitivity: 10 dBf

Selectivity: 70 dB at 400 kHz

Signal-to-noise ratio: 70 dB (mono)

Separation at 1 kHz: 30 dB

Frequency response: 20 Hz – 15,000 Hz

AM

Tuning range: 530 kHz – 1,710 kHz

Antenna (aerial) terminal:

External antenna (aerial) connector

Intermediate frequency:

9,267.5 kHz or 9,257.5 kHz/5 kHz

Sensitivity: 44 µV

DVD/CD Player section

Signal-to-noise ratio: 80 dB

Frequency response: 20 Hz – 20,000 Hz

Wow and flutter: Below measurable limit

Harmonic distortion: 0.05%

Region code: Labeled on the bottom of the unit

USB player section

Interface: USB (High-speed)

Maximum current: 1.5 A

Wireless communication

Communication System:

BLUETOOTH Standard version 2.1

Output:

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

Maximum communication range*1:

Line of sight approx. 10 m (33 ft)

Frequency band:

2.4 GHz band (2.4000 GHz – 2.4835 GHz)

Modulation method: FHSS

Compatible BLUETOOTH Profiles*2:

A2DP (Advanced Audio Distribution Profile) 1.2

AVRCP (Audio Video Remote Control Profile) 1.5

HFP (Handsfree Profile) 1.6

PBAP (Phone Book Access Profile) 1.1

Corresponding codec: SBC (.sbc)

*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 (aerial)'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

Speaker impedance: 4 Ω – 8 Ω

Maximum power output: 55 W $\times$ 4 (at 4 Ω)

General

Outputs:

Audio output terminals (FRONT, REAR, SUB)

Power antenna (aerial)/Power amplifier control terminal (REM OUT)

Inputs:

SiriusXM input terminal

Illumination control terminal

Steering control input terminal

Antenna (aerial) input terminal

Microphone input terminal

Parking brake control terminal

Reverse input terminal

Camera input terminals

USB port

External input terminal

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

Rated current consumption: 10 A

Dimensions: Approx. 178 mm $\times$ 102 mm $\times$ 168 mm
(7 1/8 in $\times$ 4 1/8 in $\times$ 6 5/8 in) (w/h/d)

Mounting dimensions:

Approx. 178 mm $\times$ 100 mm $\times$ 164 mm

(7 1/8 in $\times$ 4 in $\times$ 6 1/2 in) (w/h/d)

Mass: Approx. 1.7 kg (3 lb 12 oz)

Package contents:

Main unit (1)

Parts for installation and connections (1 set)

Remote Commander (1): RM-X170

Microphone (1)

Optional accessories/equipment:

SiriusXM Connect Vehicle Tuner: SXV100,

SXV200, SXV300

Cable for steering wheel remote input: RC-SR1

iDataLink Maestro RR module

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

Design and specifications are subject to change without notice.

Region code

The region system is used to protect software copyrights.

The region code is located on the bottom of the unit, and only DVDs labeled with an identical region code can be played on this unit.

DVDs labeled  can also be played.

If you try to play any other DVD, the message [Disc playback prohibited by region code.] will appear on the monitor screen. Depending on the DVD, no region code may be labeled even though playing the DVD is prohibited by area restrictions.

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www.siriusxm.com

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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.

For details on using the fuse and removing the unit from the dashboard, see "Connection/Installation" (page 31).

If the problem is not solved, visit the support site on the back cover.

General

No power is being supplied to the unit.

- Check the fuse.
- The connection is not correct.
 - Connect the yellow and red power supply leads.

There is no beep sound.

- An optional power amplifier is connected and you are not using the built-in amplifier.

The contents of the memory have been erased.

- The power supply lead or battery has been disconnected or it is not connected properly.

The fuse has blown.

The unit makes noise when the position of the ignition is switched.

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

The display disappears from/does not appear on the monitor.

- The dimmer is set to [ON] (page 17).
- The monitor off function is activated (page 6, 7).
 - Touch anywhere on the display to turn the display back on.

The display does not respond to your touch correctly.

- Touch one part of the display at a time. If two or more parts are touched simultaneously, the display will not operate correctly.
- Calibrate the touch panel of the display (page 17).
- Touch the pressure sensitive panel firmly.

Menu items cannot be selected.

- Unavailable menu items are displayed in gray.

The operation buttons do not function.

- Press the reset button (page 5).

Radio reception

The stations cannot be received.

The sound is hampered by noise.

- The connection is not correct.
 - Connect the REM OUT lead (blue/white striped) or accessory power supply lead (red) to the power supply lead of a car's antenna (aerial) booster (only when your car has built-in radio antenna (aerial) in the rear/side glass).
 - Check the connection of the car antenna (aerial).
 - If the auto antenna (aerial) will not extend, check the connection of the power antenna (aerial) control lead.

Preset tuning is not possible.

- The broadcast signal is too weak.

RDS

PTY displays [PTY not found.].

- The current station is not a RDS station.
- RDS data has not been received.
- The station does not specify the program type.

Picture

There is no picture/picture noise occurs.

- A connection has not been made correctly.
- Check the connection between this unit and other equipment and set the input selector of the equipment to the source corresponding to this unit.
- The disc is defective or dirty.
- Installation is not correct.
 - Install the unit at an angle of less than 45° in a sturdy part of the car.
- The parking cord (light green) is not connected to the parking brake switch cord, or the parking brake is not applied.

The picture does not fit in the screen.

- The aspect ratio is fixed on the playback source.

There is no picture/picture noise occurs in the rear monitor.

- The color system setting is incorrect.
 - Set the color system to [PAL] or [NTSC] according to the connected monitor (page 19).
- A picture from the camera is displayed on this unit.
 - No picture appears in the rear monitor if a picture from the camera is displayed on this unit.

- Only DVD/USB video playing on this unit can be displayed in the rear monitor.
- While displaying the picture from the cameras or car navigation system on this unit, the picture from DVD/USB video is not displayed in the rear monitor.

Sound

There is no sound/sound skips/sound cracks.

- A connection has not been made correctly.
- Check the connection between this unit and the connected equipment and set the input selector of the equipment to the source corresponding to this unit.
- The disc is defective or dirty.
- Installation is not correct.
 - Install the unit at an angle of less than 45° in a sturdy part of the car.
- The unit is in pause/reverse/fast-forward mode.
- The settings for the outputs are not made correctly.
- The DVD audio level is too low (page 13).
- The volume is too low.
- The ATT function is activated.
- The format is not supported.
 - Check if the format is supported by this unit (page 21).

Sound is noisy.

- Keep cords and cables away from each other.

Disc operation

The disc does not play.

- The disc is defective or dirty.
- The disc is not playable.
- The DVD is not playable due to the region code.
- The disc format and file version are incompatible with this unit (page 20).
- Press  to remove the disc.

Certain functions cannot be performed.

- Depending on the disc, you may not be able to perform operations such as stop, search, or repeat/shuffle play. For details, refer to the manual supplied with the disc.

The soundtrack/subtitle language or angle cannot be changed.

- During playback, touch , then make the desired settings.
- Multilingual tracks, multilingual subtitles, or multi-angles are not recorded on the DVD.
- The DVD prohibits changing.

The disc will not eject.

The disc will not insert.

- Press and hold the disc eject button.

USB playback

Items cannot be played via a USB hub.

- Connect USB devices to this unit without a USB hub.

Items cannot be played.

- Reconnect the USB device.

The USB device takes longer to play.

- The USB device contains large-sized files or files with a complicated tree structure.

The sound is intermittent.

- The sound may be intermittent at a high-bit-rate.

Audio files cannot be played.

- USB devices formatted with file systems other than FAT12, FAT16 or FAT32 are unsupported.*

* This unit supports FAT12, FAT16 and FAT32, but some USB device may not support all of these. For details, refer to the operating instructions of each USB device or contact the manufacturer.

BLUETOOTH function

The other BLUETOOTH device cannot detect this unit.

- Set [Bluetooth Connection] to [ON] (page 17).
- While connecting to a BLUETOOTH device, this unit cannot be detected by another device. Terminate the current connection and search for this unit from the other device.
- Depending on your smartphone or cellular phone, you may need to delete this unit from the history of the connected smartphone or cellular phone then pair them again (page 8).

Connection is not possible.

- Check the pairing and connection procedures in 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.

There is no ringtone.

- Raise the volume while receiving a call.

The talker's voice volume is low.

- Raise the volume during a call.

The other party says that the volume is too low or high.

- Adjust the [MIC Gain] level (page 14).

Echo or noise occurs during call conversations.

- Reduce the volume.
- If ambient noise other than the phone call sound is loud, try reducing this noise.
 - Shut the window if road noise is loud.
 - Lower the air conditioner if the air conditioner is loud.

The phone sound quality is poor.

- Phone sound quality depends on reception conditions of the cellular phone.
 - Move your car to a place where you can enhance the cellular phone's signal if the reception is poor.

The volume of the connected BLUETOOTH device is low or high.

- Volume level will differ depending on the BLUETOOTH device.
 - Reduce the volume level differences between this unit and the BLUETOOTH device (page 13).

The sound skips during audio streaming or the BLUETOOTH connection fails.

- Reduce the distance between the unit and the BLUETOOTH device.
- If the BLUETOOTH device is stored in a case which interrupts the signal, remove the case while using the device.
- Several BLUETOOTH devices or other devices (e.g. ham radio devices) which emit radio waves are used nearby.
 - Turn off the other devices.
 - Increase the distance between the unit and other devices.
- Playback sound stops momentarily when this unit is connecting to a cellular phone. This is not a malfunction.

The connected BLUETOOTH device cannot be controlled during audio streaming.

- Check that the connected BLUETOOTH device supports AVRCP.

Some functions do not work.

- Check that the connecting device supports the functions in question.

A call is answered unintentionally.

- The connecting phone is set to start a call automatically.
- [Auto Answer] of this unit is set to [ON] (page 14).

Pairing failed due to time out.

- Depending on the connecting device, the time limit for pairing may be short. Try completing the pairing within the time.

Cannot pair.

- The unit may not be able to pair with a previously paired BLUETOOTH device after initializing the unit if the pairing information of the unit is on the BLUETOOTH device. In this case, delete the pairing information of the unit from the BLUETOOTH device, and then pair them again.

The BLUETOOTH function cannot be operated.

- Turn the ignition off. Wait for a while, then turn the ignition to the ACC position.

No sound is output from the car speakers during a handsfree call.

- If the sound is output from the cellular phone, set the cellular phone to output the sound from the car speakers.

SiriusXM Connect Vehicle Tuner

A mature channel is not blocked although parental control setting has been made.

- If you tune to a mature channel, the passcode display will appear. Once you have entered the passcode, you will have unblocked parental control for all channels until the unit is powered down or you turn parental control back on.
 - Set [Parental Control] to [Locked] in the SXM option (•••) again (page 11).

Apple CarPlay

The Apple CarPlay icon does not appear on the HOME screen.

- Your iPhone is not compatible with Apple CarPlay.
 - Refer to the compatibility list on the support site on the back cover.
- Disconnect your iPhone from the USB port and reconnect it again.
- Apple CarPlay may not be available in your country or region.
- Make sure a certified Lightning cable is used to connect your iPhone and the unit.

Android Auto

The Android Auto icon does not appear on the HOME screen.

- Check your Android phone and accept the disclaimers and permission requests required to use Android Auto on your Android phone.
- There is no Android Auto application installed on your Android phone.
 - Download and install the Android Auto application onto your Android phone.
- Your Android phone is not compatible with Android Auto.
 - Android phone with Android 5.0 or higher is required. Refer to the compatibility list on the support site on the back cover.

- Disconnect your Android phone from the USB port and reconnect it again.
- Android Auto may not be available in your country or region.

iDataLink Maestro

If you have any inquiries about the functions, settings and connections of iDataLink Maestro, visit the website (<http://maestro.idatalink.com/>) or contact:

Automotive Data Solutions Inc.

Email: support@idatalink.com

Call: 1-866-427-2999

Messages

General

Cannot play this content.

- The currently selected content cannot be played back, or skipped to the next one.
 - The content is not in a supported file format. Check supported file formats (page 21).

Device no response

- The unit does not recognize the connected USB device.
 - Reconnect the USB device.
 - Check that the USB device is supported by the unit.

No Playable Data

- The USB device has no playable data.
 - Load music data/files into the USB device.

Overcurrent caution on USB.

- The USB device is overloaded.
 - Disconnect the USB device.
 - Indicates that the USB device is out of order, or an unsupported device is connected.

USB device not supported

- For details on the compatibility of your USB device, visit the support site on the back cover.

USB hub not supported

- USB hubs are not supported on this unit.

BLUETOOTH function

Bluetooth device is not found.

- The unit cannot detect a connectable BLUETOOTH device.
 - Check the BLUETOOTH setting of the connecting device.
- No device is in the list of registered BLUETOOTH devices.
 - Perform pairing with a BLUETOOTH device (page 8).

Handsfree device is not available.

- A cellular phone is not connected.
 - Connect a cellular phone (page 9).

Disc operation

Disc Error

- The unit cannot read the data due to some problem.
- The data is damaged or corrupted.
- The disc is corrupted.
- The disc is incompatible with this unit.
- 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.
- The disc is not compatible with this unit.
 - Insert a compatible disc.
- Press **▲** to remove the disc.

Disc playback prohibited by region code.

- The DVD's region code differs from the unit's region code.

The sound in audio format is not audible.

- Discs in DTS format are not supported. Sound is not output if the DTS format is selected.
 - DTS formatted discs are not playable on this unit. Use a compatible disc format (page 20).

SiriusXM Connect Vehicle Tuner

Channel Locked

- The channel that you have requested is Locked by the radio Parental Control feature. See "To set a parental control" (page 11) for more information on the Parental Control feature and how to access locked channels.

Channel Not Available

- The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available.

- You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle Tuner.

Visit www.siriusxm.com in the USA or www.siriusxm.ca in Canada for SiriusXM channel lineup information.

Channel Not Subscribed

Call SiriusXM to Subscribe

- The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.

If you have questions about your subscription package or would like to subscribe to this channel, please contact SiriusXM.

In the USA, visit www.siriusxm.com or call 1-866-635-2349.

In Canada, visit www.siriusxm.ca or call 1-877-438-9677.

Check Antenna

- The radio has detected a fault with the SiriusXM antenna.
 - The antenna cable may be either disconnected or damaged.
 - Verify that the antenna cable is connected to the SiriusXM Connect Vehicle Tuner.
 - Inspect the antenna cable for damage and kinks.
 - Replace the antenna if the cable is damaged.
- SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com

Check Tuner

- The radio is having difficulty communicating with the SiriusXM Connect Vehicle Tuner.
- The tuner may be disconnected or damaged.
 - Verify that the SiriusXM Connect Vehicle Tuner cable is securely connected to the radio.

Incorrect Pass Code entered

- Passcode input failed.
 - Check that the passcode has been entered correctly.
 - If you forget your passcode, perform [SXM Reset] in [General Settings] (page 18).
Note that performing [SXM Reset] will initialize all the SiriusXM settings and stored contents in the SiriusXM Connect Vehicle Tuner.

No Signal

- SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite signal.
 - Verify that your vehicle is outdoors with a clear view of the sky.
 - Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside of the vehicle.

- Move the SiriusXM antenna away from any obstructions.
- Inspect the antenna cable for damage and kinks.
- Consult the SiriusXM Connect Vehicle Tuner installation manual for more information on antenna installation.
- Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com

Subscription Updated. Press Enter to Continue.

- The radio has detected a change in your SiriusXM subscription status.
- Press Enter to clear the message.
- If you have questions about your subscription, please contact SiriusXM.
- In the USA, visit www.siriusxm.com or call 1-866-635-2349.
- In Canada, visit www.siriusxm.ca or call 1-877-438-9677.

Steering wheel remote control

Please retry

- An error occurs while registering and all the registered information is cleared.
- Restart registration from the beginning.

iDataLink Maestro

If you have any inquiries about the error messages of iDataLink Maestro, visit the website (<http://maestro.idatalink.com/>) or contact:
Automotive Data Solutions Inc.
Email: support@idatalink.com
Call: 1-866-427-2999

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

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

Language Code List

Language code list

The language spellings conform to the ISO 639: 1988 (E/F) standard.

Code	Language	Code	Language	Code	Language	Code	Language
1027	Afar	1183	Irish	1347	Maori	1507	Samoan
1028	Abkhazian	1186	Scots Gaelic	1349	Macedonian	1508	Shona
1032	Afrikaans	1194	Galician	1350	Malayalam	1509	Somali
1039	Amharic	1196	Guarani	1352	Mongolian	1511	Albanian
1044	Arabic	1203	Gujarati	1353	Moldavian	1512	Serbian
1045	Assamese	1209	Hausa	1356	Marathi	1513	Siswati
1051	Aymara	1217	Hindi	1357	Malay	1514	Sesotho
1052	Azerbaijani	1226	Croatian	1358	Maltese	1515	Sundanese
1053	Bashkir	1229	Hungarian	1363	Burmese	1516	Swedish
1057	Byelorussian	1233	Armenian	1365	Nauru	1517	Swahili
1059	Bulgarian	1235	Interlingua	1369	Nepali	1521	Tamil
1060	Bihari	1239	Interlingue	1376	Dutch	1525	Telugu
1061	Bislama	1245	Inupiak	1379	Norwegian	1527	Tajik
1066	Bengali;	1248	Indonesian	1393	Occitan	1528	Thai
	Bangla	1253	Icelandic	1403	(Afan)Oromo	1529	Tigrinya
1067	Tibetan	1254	Italian	1408	Oriya	1531	Turkmen
1070	Breton	1257	Hebrew	1417	Punjabi	1532	Tagalog
1079	Catalan	1261	Japanese	1428	Polish	1534	Setswana
1093	Corsican	1269	Yiddish	1435	Pashto;	1535	Tonga
1097	Czech	1283	Javanese		Pushto	1538	Turkish
1103	Welsh	1287	Georgian	1436	Portuguese	1539	Tsonga
1105	Danish	1297	Kazakh	1463	Quechua	1540	Tatar
1109	German	1298	Greenlandic	1481	Rhaeto-	1543	Twi
1130	Bhutani	1299	Cambodian		Romance	1557	Ukrainian
1142	Greek	1300	Kannada	1482	Kirundi	1564	Urdu
1144	English	1301	Korean	1483	Romanian	1572	Uzbek
1145	Esperanto	1305	Kashmiri	1489	Russian	1581	Vietnamese
1149	Spanish	1307	Kurdish	1491	Kinyarwanda	1587	Volapük
1150	Estonian	1311	Kirghiz	1495	Sanskrit	1613	Wolof
1151	Basque	1313	Latin	1498	Sindhi	1632	Xhosa
1157	Persian	1326	Lingala	1501	Sangho	1665	Yoruba
1165	Finnish	1327	Laothian	1502	Serbo-	1684	Chinese
1166	Fiji	1332	Lithuanian		Croatian	1697	Zulu
1171	Faroese	1334	Latvian;	1503	Singhalese		
1174	French		Lettish	1505	Slovak		
1181	Frisian	1345	Malagasy	1506	Slovenian	1703	Not specified

Connection/Installation

Cautions

- Do not install this unit in a car that has no ACC position. The display of the unit does not turn off even after turning the ignition off, and this causes battery drain.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Do not get the leads trapped under a screw or caught in moving parts (e.g., seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- Be sure to insulate any loose unconnected leads with electrical tape for safety.

Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperature, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

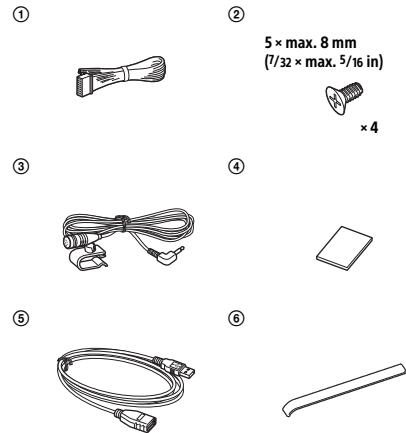
Note on the power supply lead (yellow)

When connecting this unit in combination with other stereo components, the amperage rating of the car circuit to which the unit is connected must be higher than the sum of each component's fuse amperage rating.

Mounting angle adjustment

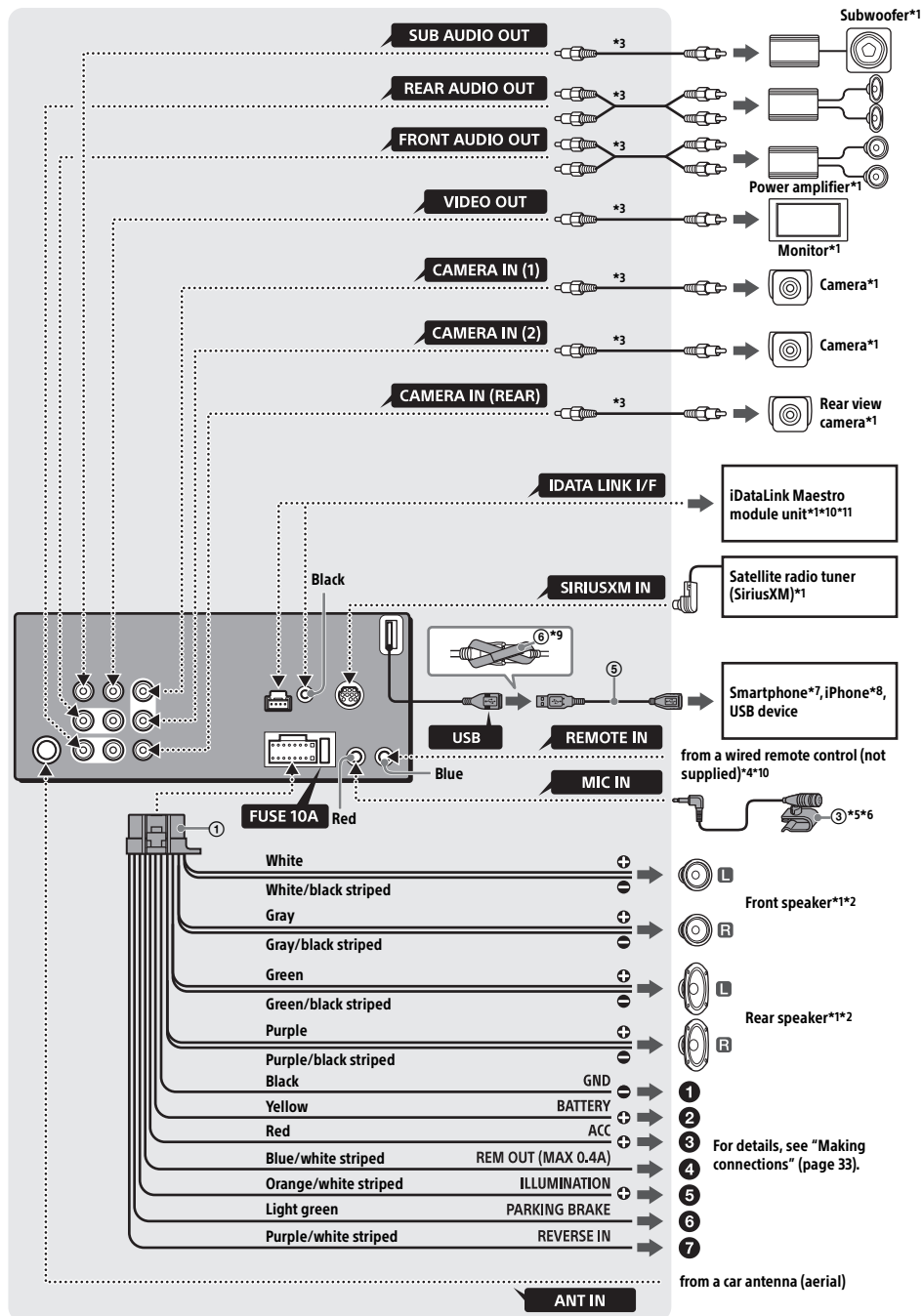
Adjust the mounting angle to less than 45°.

Parts List for Installation

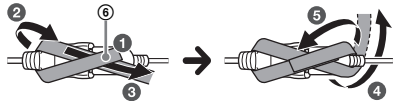


This parts list does not include all the package contents.

Connection



- *1 Not supplied
- *2 Speaker impedance: 4 Ω – 8 Ω × 4
- *3 RCA pin cord (not supplied)
- *4 Depending on the type of car, use an adaptor for a wired remote control (not supplied).
For details on using the wired remote control, see "Using the wired remote control" (page 34).
- *5 Whether in use or not, route the microphone input cord so it does not interfere with driving operations. Secure the cord with a clamp, etc., if it is installed around your feet.
- *6 For details on installing the microphone, see "Installing the microphone" (page 33).
- *7 To connect a smartphone to the main unit, an appropriate cable (not supplied) is required.
- *8 To connect an iPhone, use the USB connection cable for iPhone (not supplied).
- *9



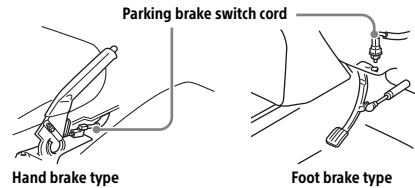
- *10 When connecting the iDataLink Maestro module unit (not supplied), do not connect any device to the REMOTE terminal (blue). Likewise, when connecting any device to the REMOTE terminal (blue), do not connect the iDataLink Maestro module unit (not supplied) to the IDATA LINK I/F terminal (black).
- *11 Use the connection cable supplied with the iDataLink Maestro module unit (not supplied).

Making connections

- 1 To a common ground (earth) point**
First connect the black ground (earth) lead then connect the yellow and red power supply leads.
- 2 To the +12 V power terminal which is energized at all times**
Be sure to first connect the black ground (earth) lead to a common ground (earth) point.
- 3 To the +12 V power terminal which is energized when the ignition switch is set to the accessory position**
Be sure to first connect the black ground (earth) lead to a common ground (earth) point.
- 4 To the power antenna (aerial) control lead or the power supply lead of the antenna (aerial) booster**
It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).
To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers and a power antenna (aerial). Connecting any other system may damage the unit.
Note
It will take about 10 seconds to shut down the output of REM OUT after the unit is turned off.
- 5 To a car's illumination signal**
Be sure to first connect the black ground (earth) lead to a common ground (earth) point.

6 To the parking brake switch cord

The mounting position of the parking brake switch cord depends on your car. Be sure to connect the parking brake lead (light green) of the power supply connection cable ① to the parking brake switch cord.



7 To the +12 V power terminal of the car's rear lamp lead (only when connecting the rear view camera)

Memory hold connection

When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Speaker connection

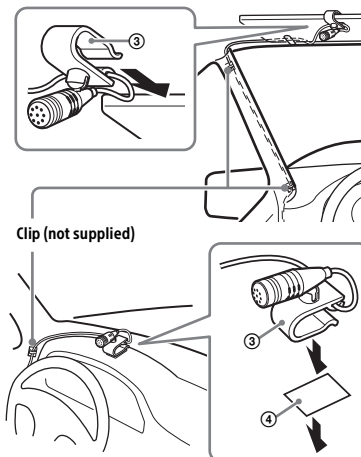
- Before connecting the speakers, turn the unit off.
- Use speakers with an impedance of 4 Ω to 8 Ω and with adequate power handling capacities to avoid damage.

Monitor connection

When installing a monitor for the rear seat, connect its parking brake switch cord to the ground (earth).

Installing the microphone

To capture your voice during handsfree calling, you need to install the microphone ③.



Cautions

- It is extremely dangerous if the cord becomes wound around the steering column or gearstick. Be sure to keep it and other parts from interfering with your driving operations.
- If airbags or any other shock-absorbing equipment are in your car, contact the store where you purchased this unit or the car dealer before installation.

Note

Before attaching the double-sided tape ④, clean the surface of the dashboard with a dry cloth.

Using the wired remote control

When using the steering wheel remote control

Installation of the connection cable RC-SR1 (not supplied) is required before use.

- To enable the steering wheel remote control, select [General Settings] → [Steering Control Custom] to make the registration (page 17).

When the registration is complete, the steering wheel remote control becomes available.

Notes on installing the connection cable RC-SR1 (not supplied)

- Refer to the support site on the back cover for details then connect each lead properly to the appropriate leads. Making an improper connection may damage the unit.
- Consulting the dealer or an experienced technician for help is recommended.
- When connecting the iDataLink Maestro module unit (not supplied), do not connect any device to the REMOTE terminal (blue). Likewise, when connecting any device to the REMOTE terminal (blue), do not connect the iDataLink Maestro module unit (not supplied) to the iDATA LINK I/F terminal (black).

When using the wired remote control

- To enable the wired remote control, set [Steering Control] in [General Settings] to [Preset] (page 17).

Using the rear view camera

Installation of the rear view camera (not supplied) is required before use.

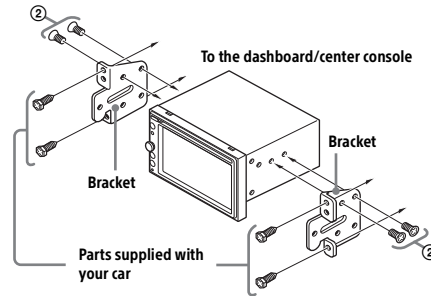
The picture from a rear view camera connected to the CAMERA IN (REAR) terminal is displayed when:

- the back lamp of your car lights up (or the shift lever is set to the R (reverse) position).
- you press HOME, touch [Camera], then touch [Rear].

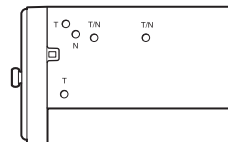
Installation

Mounting the unit in a Japanese car

You may not be able to install this unit in some Japanese cars. In such a case, consult your Sony dealer.



When mounting this unit to the preinstalled brackets of your car, use the supplied screws ② in the appropriate screw holes based on your car: T for TOYOTA and N for NISSAN.

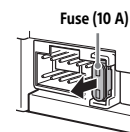


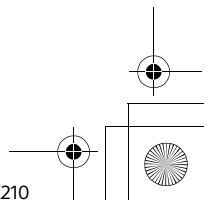
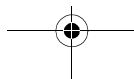
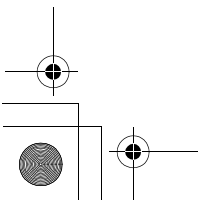
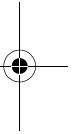
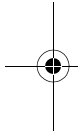
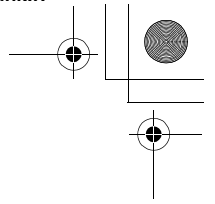
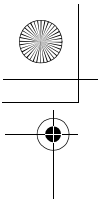
Note

To prevent a malfunction, install only with the supplied screws ②.

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.





Support site

If you have any questions or for the latest support information on this product, please visit the web site below:

Site d'assistance

Si vous avez des questions ou si vous souhaitez consulter les toutes dernières informations techniques sur ce produit, rendez-vous sur le site Web suivant :

Sitio Web de soporte técnico en línea

Para resolver cualquier duda u obtener la información más reciente sobre el soporte técnico de este producto, visite el siguiente sitio Web:

<http://esupport.sony.com/>

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

- 1 Read Troubleshooting in these Operating Instructions.**
- 2 Please contact (U.S.A. only);**
Call **1-800-222-7669**
URL **<http://www.SONY.com>**



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<http://www.sony.net/>

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