SONY

4-739-317-**21**(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-AX3000

Serial No._____

To cancel the demonstration (Demo) display, see page 16.
For the connection/installation, see page 26.

Pour annuler l'affichage de démonstration (Démo), reportez-vous à la page 18.
Pour le raccordement/l'installation, reportez-vous à la page 29.

Para cancelar la pantalla de demostración (Demostración), consulte la página 17.
Para la conexión/instalación, consulte la página 29.

4 7 3 9 3 1 7 2 1 (1)

XAV-AX3000

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 26).

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.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

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).

If you have any questions about this product:
Visit: www.sony.com/support
Contact: Sony Customer Information Service Center at 1-800-222-7669
Write: Sony Customer Information Service Center 12451 Gateway Blvd., Fort Myers, FL 33913
Supplier's Declaration of Conformity
Trade Name: SONY
Model: XAV-AX3000
Responsible Party: Sony Electronics Inc.
Address: 16535 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone Number: 858-942-2230
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received,
including interference that may cause undesired operation.

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.

Table of Contents

Getting Started

Listening to the Radio

Playback

Handsfree Calling

Useful Functions

Settings

Additional Information

Connection/Installation

Guide to Parts and Controls

Main unit
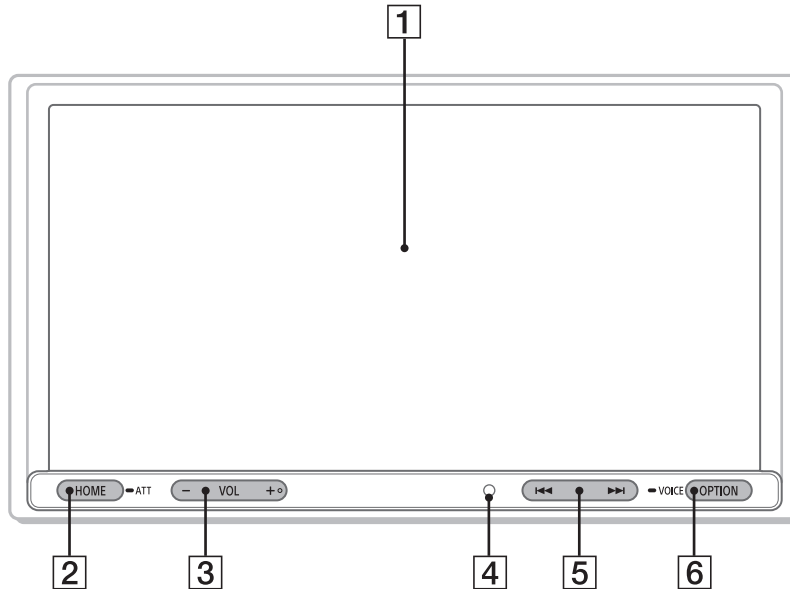
The VOL (volume) + button has a tactile dot.

1 **Display/touch panel**

2 **HOME**
Open the HOME menu.

➥**ATT (attenuate)**
Press and hold for 1 second to attenuate the sound.
To cancel, press and hold again, or press VOL +.

3 **VOL (volume) +/−**

4 **Receptor for the remote commander**

5 **I◄◄ /►►I (previous/next)**
– Move to the previous/next item.
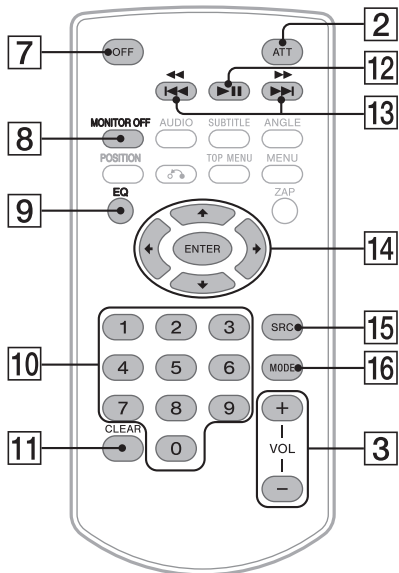– Press and hold to fast-reverse/fast-forward.

6 **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.

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.

[7] **OFF**
Turn the source off.

[8] **MONITOR OFF**
Turn off the monitor.
To turn back on, press again.

[9] **EQ (equalizer)**
Select an equalizer curve.

[10] **Number buttons (0 – 9)**

[11] **CLEAR**

[12] **►II (play/pause)**

[13] **I◄◄ /►►I (previous/next)**
◄◄/►► (fast-reverse/fast-forward)

[14] **◄/↑/↓/➔**
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.
ENTER
Enter the selected item.

[15] **SRC (source)**
Change the source. Each time you press this button, a selectable source is displayed in a popup on the current display.

[16] **MODE**
Select the radio band.

Remove the insulation film before use.

Screen displays

Playback screen:
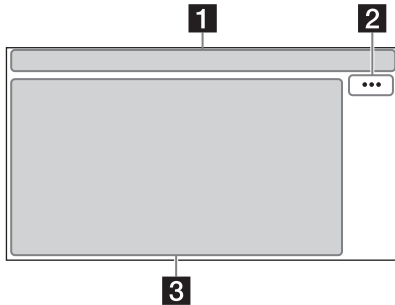
HOME screen:
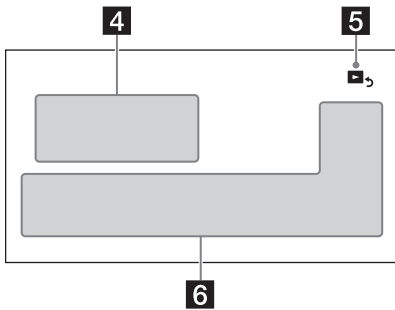
OPTION screen:
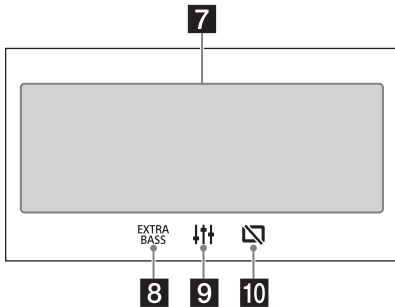
A **Status indication**

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

B ••• **(source option)**
Open the source option menu. The available items differ depending on the source.

C **Application specific area**
Display playback controls/indications or show the unit's status. Displayed items differ depending on the source.

D **Clock (page 16)**

E ▣↩ **(return to the playback screen)**
Switch from the HOME screen to the playback screen.

F **Sources and Settings select keys**
Change the source or make various settings. Display the setting icon and other icons by swiping the bottom of this area right or left.

G **Sources select keys**
Change the source.

H EXTRA BASS **(EXTRA BASS)**
Change the EXTRA BASS setting (page 17).

I ▉▊▋ **(EQ10/Subwoofer)**
Change the EQ10/Subwoofer setting (page 17).

J ▨ **(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 17) to initialize the unit.

1 Touch [Language], then set the display language.

2 Touch [Demo] repeatedly to 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].

5 To return to the previous display, touch ⤺, then touch [OK].
The startup caution appears.

6 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 16).

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.
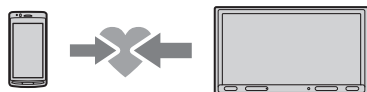
1 Place the BLUETOOTH device within 1 m (3 ft) of this unit.

2 Press HOME, then touch [Settings].

3 Touch [Bluetooth].

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-AX3000] shown in the display of the BLUETOOTH device.
If your model name does not appear, repeat from step 5.

DR-BT30Q
XAV-AX3000
XXXXXXXX

8 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.

Input passkey
XXXX — [0000]
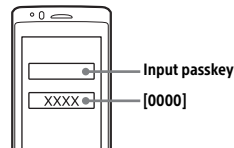
When pairing is made, 🅱 stays lit.

9 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.
- BLUETOOTH pairing is not possible while Apple CarPlay or Android Auto is running.

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 [Bluetooth].

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 28).

Connecting Rear View Camera

By connecting the optional rear view camera to the CAMERA IN terminal, you can display the picture from the rear view camera. For details, see "Connection/Installation" (page 26).

To display the picture from the rear view camera

Press HOME, touch [Rear Camera].

Listening to the Radio

Listening to the Radio

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

Reception controls/indications
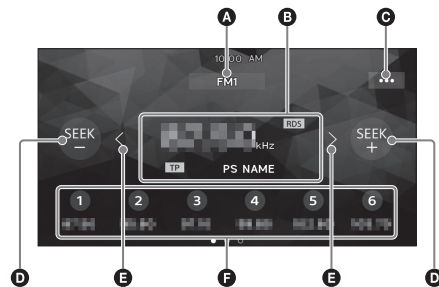
Ⓐ Current band
Change the band (FM1, FM2, FM3, AM1 or AM2).

Ⓑ Current frequency, program service name*, RDS (Radio Data System) indication*

* During RDS reception.

Ⓒ ••• (tuner option)
Open the tuner option menu.

Ⓓ SEEK-/SEEK+
Tune in automatically.

Ⓔ 〈/〉
Tune in manually.
Touch and hold to continuously skip frequencies.

Ⓕ 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 (FM1, FM2, FM3, AM1 or AM2).

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 finely adjust to the desired frequency.

9GB

Storing manually

1 While receiving the station that you want to store, touch 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 (Best Tuning Memory)
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.

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.

Note
• The SiriusXM Radio ID does not include the letters I, O, S or F.

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
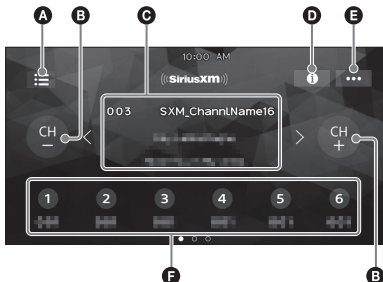
Ⓐ ☰ (list)
Open the channel list or category list.

Ⓑ CH- (previous channel) /CH+ (next channel)
Select the channel.

Ⓒ Channel number, channel name, artist name, song title

Ⓓ ⓘ (information)
Switch the channel information.

Ⓔ ••• (SXM option)
Open the SXM option menu.

Ⓕ 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.

Ⓖ 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 •••.

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 USB Device

MSC (Mass Storage Class) type USB devices* compliant with the USB standard can be used.

* e.g., a USB flash drive, digital media player, Android™ phone

Notes
- USB devices formatted with file systems FAT12/16/32/exFAT 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 19).

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.
- BLUETOOTH pairing is not possible while Apple CarPlay is running.

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 –6 and +6.

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.

Searching for a file from the list screen

1 During USB playback, touch ☰.
The list screen from the currently played item appears.
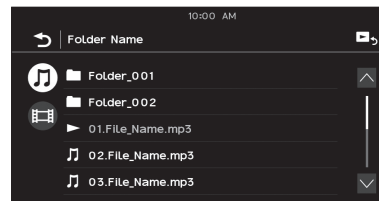
Furthermore, touch 🎵 (audio) or 🎞 (video) to list up by file type.

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 is selected.)

Aspect

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

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.

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

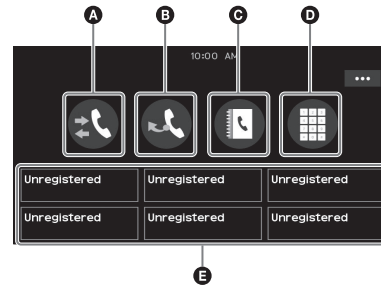The ringtone and talker's voice are output only from the front speakers.

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)***

Select a contact from the call history list. The unit stores the last 20 calls.

Ⓑ 📞 **(redial)**

Make a call automatically to the last contact you made.

⊙ ▌ (phonebook)*

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 ◎.

⊙ ▦ (phone number input)

Enter the phone number.

⊙ 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
Press VOL +/− while receiving a call.

To adjust the talker's voice volume
Press VOL +/− 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 reduce echo and noise (Echo/noise canceler mode)
During a call, touch •••, then set [Speech Quality] to [Mode 1] or [Mode 2].

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].

14GB

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. (Available only when your iPhone is connected to the USB port.)

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.**
To connect an iPhone, use a USB connection cable for iPhone (not supplied).

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. (Available only when your Android phone is connected to the USB port.)

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.**
To connect an Android phone, use an appropriate connection cable (not supplied).

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.

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 ▶▶I.) **SiriusXM reception:** tune the next channel (channel +).
	Video/audio playback: skip forward a file/track. (The same as ▶▶I.)
Swipe right to left	**Radio reception:** seek backward stations. (The same as pressing and holding I◀◀ .) **SiriusXM reception:** tune the previous channel (channel –).
	Video/audio playback: skip backward a file/track. (The same as I◀◀ .)
Swipe upwards	**Radio reception:** receive stored stations (go forward). **SiriusXM reception:** tune the next preset (preset +).
Swipe downwards	**Radio reception:** receive stored stations (go backward). **SiriusXM reception:** tune the previous preset (preset –).

Basic Setting Operation

You can set items in the following setup categories: General Settings (General), Sound Settings (Sound), Visual Settings (Visual), BLUETOOTH Settings (Bluetooth)

1 Press HOME, then touch [Settings].

2 Touch one of the setup category.
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 (General)

Language
Selects the display language: [English], [Español], [Français], [Deutsch], [Italiano], [Português], [Русский], [ไทย], [العربية], [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].

Rear View Camera
Selects the image from the rear view camera: [OFF], [Normal], [Reverse] (mirror image). [Guide Line Adjust] adjusts the guide on the picture from the rear view camera.
Touch the near side Ⓐ or far side Ⓑ (red portions) of the guide to adjust.
Touch ⟨ / ∧ / ⟩ / ∨ to adjust the guide position, and touch [→ ←] or [← →] to adjust the guide width.

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
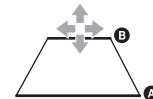Input mode for the steering wheel remote control (follow the procedures of [ ] to register functions on the connected remote control).
Preset
Input mode for the wired remote control excluding the steering wheel remote control.

The steering button panel appears.
❶ Press and hold the button you want to assign to the steering wheel.
The button on the panel lights up (standby).
❷ 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).
❸ To register other functions, repeat steps ❶ and ❷.
(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.

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

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.

Firmware Version
Updates and confirms the firmware version.

Open Source Licenses
Displays the software licenses.

Sound Settings (Sound)

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], [EDM], [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: [OFF], [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 (Visual)

Wallpaper
Changes the wallpaper by touching the desired color.

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.)
[⚙] 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.

BLUETOOTH Settings (Bluetooth)

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.)

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

Additional Information

Updating the Firmware

To update the firmware, visit the support site on the back cover, then follow the online instructions.

Note
During the update, do not remove the USB device.

Precautions

- 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 17).
- 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.]

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

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 ℃ – 40 ℃ (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.

Notes on the touch panel

• This unit uses a resistive touch panel. Touch the panel directly with your fingertip.
• Multi-touch operation is not supported on this unit.
• Do not touch the panel with sharp objects such as a needle, pen, or fingernail. Operation with a stylus is not supported on this unit.
• Do not let any objects contact the touch panel. If the panel is touched by an object other than your fingertip, the unit may not respond correctly.
• Since glass material is used for the panel, do not subject the unit to strong shock. If cracking or chipping occurs on the panel, do not touch the damaged part as it may cause injury.
• Keep other electrical devices away from the touch panel. They may cause the touch panel to malfunction.

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*6
　Sampling frequency*4: 8 kHz – 48 kHz
　Bit per sample (Quantization bit): 16 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. 1280 × 720*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. 1280 × 720*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 × 480*5
— MKV (.mkv)
　Video codec: MPEG-4 Advanced Simple Profile, AVC Baseline Profile
　Audio codec: MP3, AAC
　Bit rate: Max. 5 Mbps
　Frame rate: Max. 30 fps
　Resolution: Max. 1280 × 720*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.
*6 Displaying the tag information is not supported.

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

19GB

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.

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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-AX3000."
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.

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 (CR2025) of the remote commander
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.

**Lithium battery (CR2025)
+ side up**
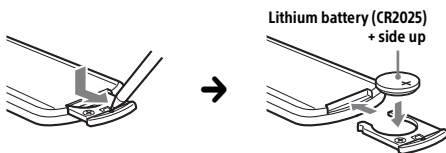
Note on the lithium battery
Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.

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: 6.95 in
System: TFT active matrix
Number of pixels:
    1,152,000 pixels (800 × 3 (RGB) × 480)
Color system:
    PAL/NTSC automatic select for CAMERA IN terminal

Tuner section

FM
Tuning range: 87.5 MHz – 107.9 MHz
Usable sensitivity: 7 dBf
Signal-to-noise ratio: 70 dB (mono)
Separation at 1 kHz: 45 dB

AM
Tuning range: 530 kHz – 1,710 kHz
Sensitivity: 32 µV

USB player section

Interface: USB (Hi-speed)
Maximum current: 1.5 A

Wireless communication

Communication System:
    BLUETOOTH Standard version 3.0
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) 1.3
    AVRCP (Audio Video Remote Control Profile) 1.3
    HFP (Handsfree Profile) 1.6
    PBAP (Phone Book Access Profile) 1.1
Corresponding codec: SBC, AAC

*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 × 4 (at 4 Ω)

General

Power requirements: 12 V DC car battery
    (negative ground (earth))
Rated current consumption: 10 A
Dimensions:
    Approx. 178 mm × 100 mm × 139 mm
    (7 1/8 in × 4 in × 5 1/2 in) (w/h/d)
Mounting dimensions:
    Approx. 182 mm × 111 mm × 120 mm
    (7 1/4 in × 4 3/8 in × 4 3/4 in) (w/h/d)
Mass: Approx. 1.2 kg (2 lb 11 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

Ask the dealer for detailed information.

Design and specifications are subject to change
without notice.

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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 26).
If the problem is not solved, visit the support site on the back cover.

General

There is no beep sound.
→ An optional power amplifier is connected and you are not using the built-in amplifier.

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 monitor off function is activated (page 6, 7).
  – Touch anywhere on the display to turn the display back on.

Menu items cannot be selected.
→ Unavailable menu items are displayed in gray.

The USB functions do not work properly.
→ Do not use a USB extension cable as it may cause deterioration of signal quality.
  – Use a shorter USB cable when connecting the USB device, or replace the USB cable with a new one.

The unit cannot be operated.
→ Press and hold HOME for more than 10 seconds to restart the unit. For your safety, do not restart the unit while you are driving.

Touch panel operation

The touch panel does not react to your touch correctly.
→ Touch one part of the touch panel at a time. If two or more parts are touched simultaneously, the touch panel will not react correctly.
→ Calibrate the touch panel of the display (page 18).
→ Touch the pressure sensitive panel firmly.

Multi-touch is not recognized.
→ Multi-touch operation is not supported on this unit.

Radio reception

The radio reception is poor.
Static noise occurs.
→ Connect the antenna (aerial) firmly.

RDS

PTY displays [PTY not found.].
→ The current station is not an RDS station, or the radio reception is poor.

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.
→ Installation is not correct.
  – Install the unit at an angle of less than 30° 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.

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.
→ Installation is not correct.
  – Install the unit at an angle of less than 30° 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 volume is too low.
→ The ATT function is activated.
→ The format is not supported.
  – Check if the format is supported by this unit (page 19).

Sound is noisy.
→ Keep cords and cables away from each other.

USB playback

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.

Audio files cannot be played.
→ USB devices formatted with file systems other than FAT12, FAT16, FAT32 or exFAT are unsupported.*

* This unit supports FAT12, FAT16, FAT32 and exFAT, 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 18).
→ 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.
→ Set [Speech Quality] to [Mode 1] or [Mode 2]. (page 14).
→ 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 12).

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.

23GB

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.

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 19).

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

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).

SiriusXM Connect Vehicle Tuner

Channel Locked
Please Enter the Lock Code

➔ 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 (aerial).
➜ The antenna (aerial) cable may be either disconnected or damaged.
– Verify that the antenna (aerial) cable is connected to the SiriusXM Connect Vehicle Tuner.
– Inspect the antenna (aerial) cable for damage and kinks.
– Replace the antenna (aerial) if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com

Check SXM 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] (page 17).
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 (aerial) is mounted on a metal surface on the outside of the vehicle.
– Move the SiriusXM antenna (aerial) away from any obstructions.
– Inspect the antenna (aerial) cable for damage and kinks.
– Consult the SiriusXM Connect Vehicle Tuner installation manual for more information on antenna (aerial) installation.
– Replace the antenna (aerial) 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.

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

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 30°.

Parts List for Installation

① ②

5 × max. 8 mm
($7/32$ × max. $5/16$ in)

× 4

③ ④
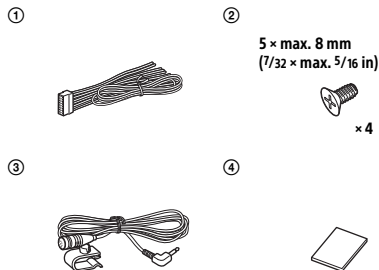
This parts list does not include all the package contents.

Connection

SUB AUDIO OUT — *3 — Subwoofer*1

REAR AUDIO OUT — *3 — Power amplifier*1

FRONT AUDIO OUT — *3 — Power amplifier*1

CAMERA IN — *3 — Rear view camera*1

MIC IN — ③*6*7

REMOTE IN — from a wired remote control (not supplied)*4

SIRIUSXM IN — Satellite radio tuner (SiriusXM)*1*9
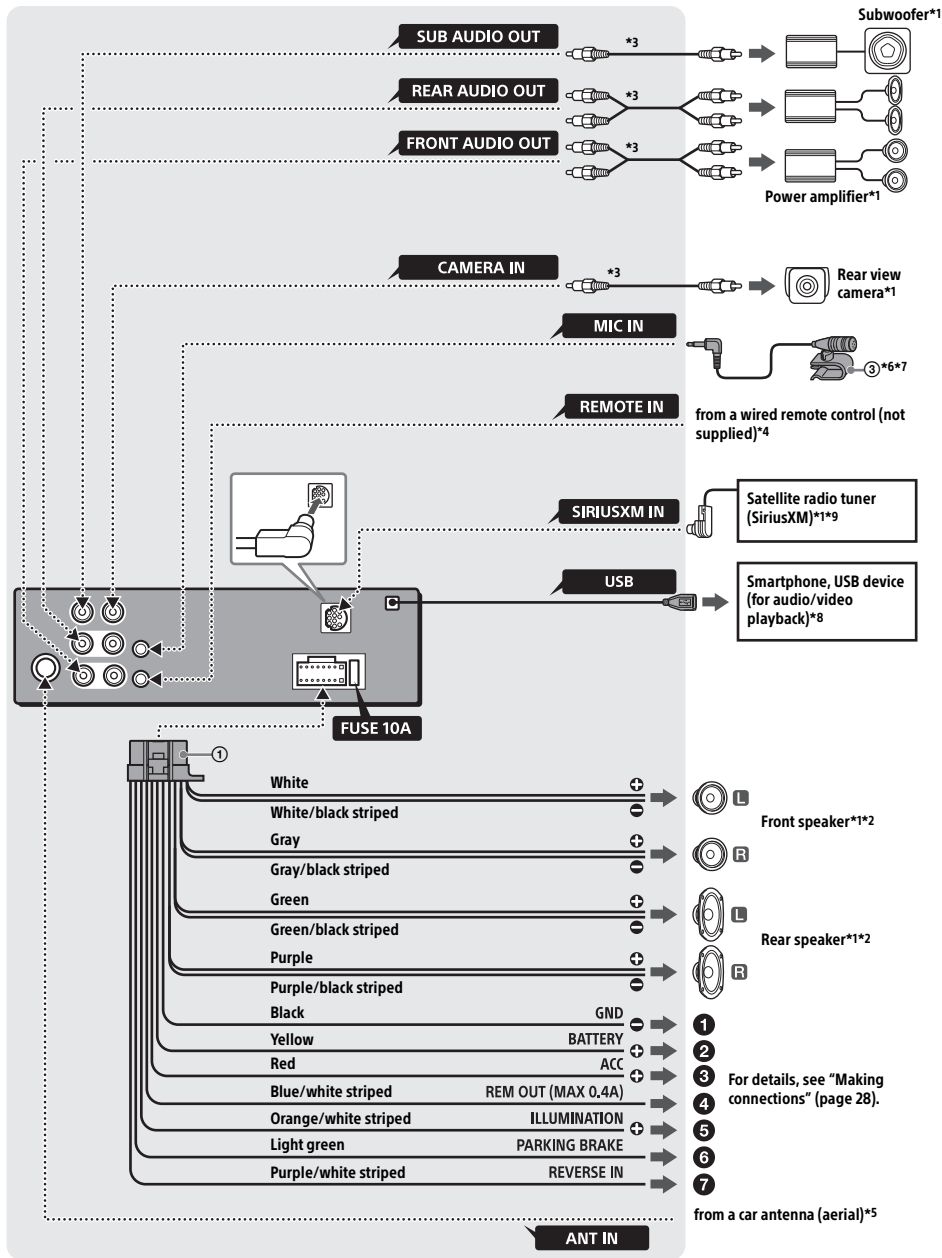
USB — Smartphone, USB device (for audio/video playback)*8

FUSE 10A

Wire	Terminal	
White	+	Front speaker*1*2 L
White/black striped	−	
Gray	+	Front speaker*1*2 R
Gray/black striped	−	
Green	+	Rear speaker*1*2 L
Green/black striped	−	
Purple	+	Rear speaker*1*2 R
Purple/black striped	−	
Black	GND	❶
Yellow	BATTERY	❷
Red	ACC	❸
Blue/white striped	REM OUT (MAX 0.4A)	❹
Orange/white striped	ILLUMINATION	❺
Light green	PARKING BRAKE	❻
Purple/white striped	REVERSE IN	❼

For details, see "Making connections" (page 28).

from a car antenna (aerial)*5

ANT IN

27GB

*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 29).
*5 Depending on the type of car, use an adaptor (not supplied) if the antenna (aerial) connector does not fit.
*6 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.
*7 For details on installing the microphone, see "Installing the microphone" (page 28).
*8 Do not use a USB extension cable.
*9 For more information on how to install the SiriusXM Connect Vehicle tuner, consult the installation guide included with the tuner.

Making connections

❶ **To a common ground (earth) point**
First connect the black ground (earth) lead then connect the yellow and red power supply leads.

❷ **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.

❸ **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.

❹ **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.

❺ **To a car's illumination signal**
Be sure to first connect the black ground (earth) lead to a common ground (earth) point.

❻ **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.

Parking brake switch cord

Hand brake type   Foot brake type
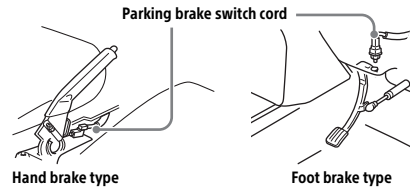
❼ **To the +12 V power terminal of the car's rear lamp lead (only when connecting the rear view camera)**

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.

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

Clip (not supplied)

28GB

XAV-AX3000
4-739-317-**21**(1)
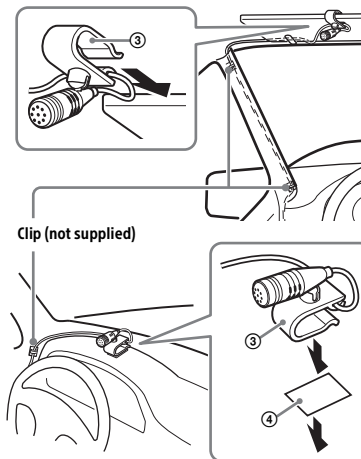
Cautions
- It is extremely dangerous if the cord becomes wound around the steering column or gearstick. Be sure to keep it and other parts from interfering with your driving operations.
- If airbags or any other shock-absorbing equipment are in your car, contact the store where you purchased this unit 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.

1 To enable the steering wheel remote control, select [General] ➔ [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 using the wired remote control

1 To enable the wired remote control, set [Steering Control] in [General] 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 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, then touch [Rear Camera].

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.

② To the dashboard/center console
Bracket
Bracket
Parts supplied with your car
②
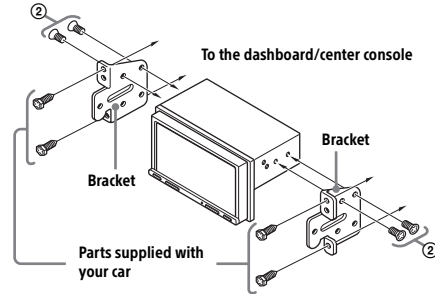
When mounting this unit to the preinstalled brackets of your car, use the supplied screws ② in the appropriate screw holes based on your car: T for TOYOTA and N for NISSAN.
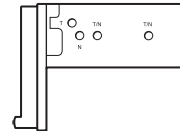

Note
To prevent a malfunction, install only with the supplied screws ②.

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.

Fuse (10 A)
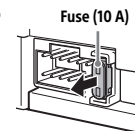
Support site

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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https://sony.net/SBS

Made for **iPhone**

Bluetooth®

SiriusXM READY

Works with **Apple CarPlay**

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