



Use this manual if you encounter any problems, or have any questions.

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Messages

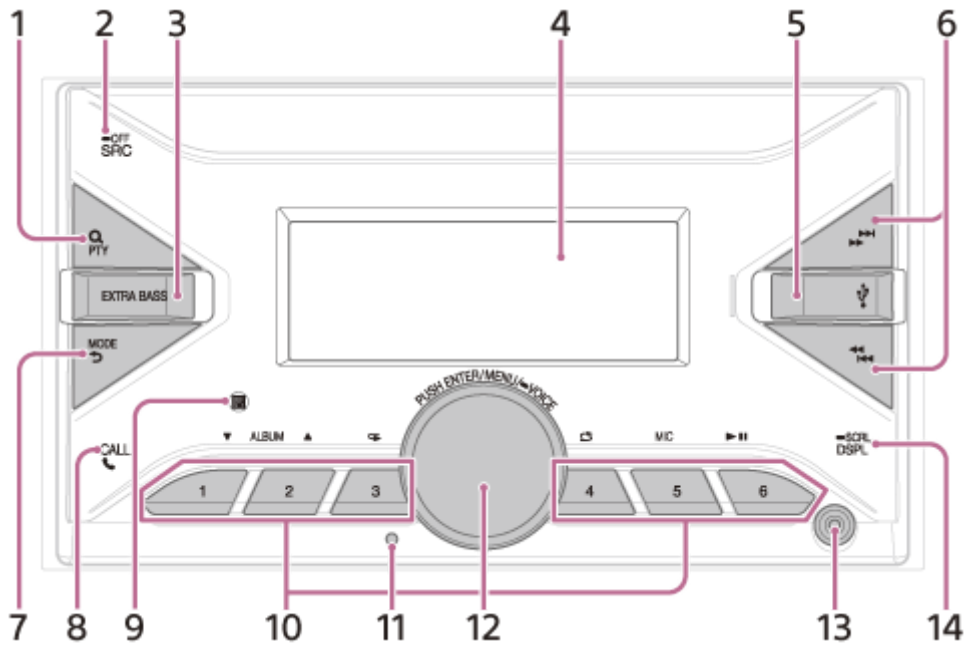
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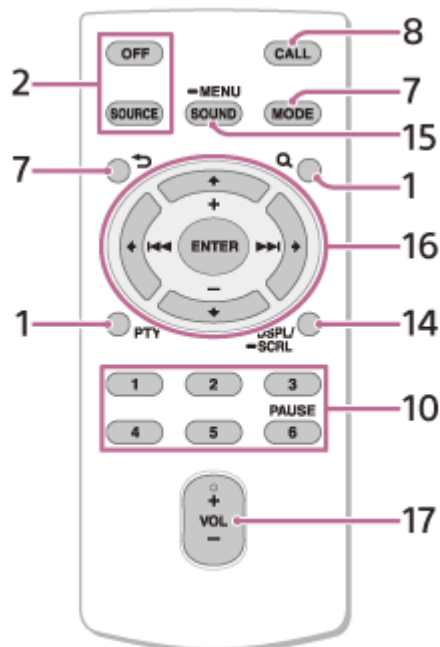
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Guide to Parts and Controls

Main unit



Remote commander



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

Remove the insulation film before use.



1. **Q (browse)**
During playback:
Enters the browse mode.
(Not available when a USB device in Android mode or iPod is connected.)
PTY (program type)
During FM reception:
Selects PTY in RDS.
2. **SRC (source)**
Turns on the power.
Changes the source.
OFF
Press and hold for 1 second to turn the source off and display the clock.
Press and hold for more than 2 seconds to turn off the power and the display.
If the unit is turned off and the display disappears, operation by the remote commander is not available.
3. **EXTRA BASS**
Reinforces bass sound in synchronization with the volume level.
Press to change the EXTRA BASS setting: [1], [2], [OFF].
4. **Display window**
5. **USB port**
6. **SEEK +/-**
During radio reception:
Tunes in radio stations automatically.
Press and hold to tune manually.
prev/next
fast-reverse/fast-forward
7. **MODE**
Selects the radio bands or function modes.
(back)
Returns to the previous display.
8. **CALL**
Enters the call menu. Receives/ends a call.
Press and hold for more than 2 seconds to switch the BLUETOOTH signal.
9. **Receptor for the remote commander**
10. **Number buttons (1 to 6)**
Receives preset radio stations.
Press and hold to preset stations.
ALBUM ▼ / ▲
Skips an album for audio device.
Press and hold to skip albums continuously.
(Not available when a USB device in Android mode or iPod is connected.)
Press ▲ to thumbs up, or ▼ to thumbs down in Pandora®.
(repeat)
(Not available when a USB device in Android mode is connected.)
(shuffle)
(Not available when a USB device in Android mode is connected.)
MIC
Adjusts the microphone settings.
play/pause
11. **Reset button**
Restarts the unit (press with a ballpoint pen, etc.).
12. **Control dial**
Adjusts the volume.
PUSH ENTER
Enters the selected item.

Press SRC, rotate then press to change the source (timeout in 2 seconds).

MENU

Opens the setup menu.

● **VOICE**

Press and hold for more than 2 seconds to activate voice dial, voice recognition (Android smartphone only), or the Siri function (iPhone only).

13. AUX input jack

14. DSPL (display)

Changes display items.

● **SCRL (scroll)**

Press and hold to scroll a display item.

15. SOUND

Opens the SOUND menu directly.

● **MENU**

Press and hold to open the setup menu.

16. ← / ↑ / ↓ / →

Selects a setup item, etc.

ENTER

Enters the selected item.

Press and hold for more than 2 seconds to establish or terminate the “Sony | Music Center” function.

⏮ / ⏭ (prev/next)

+/- (album +/-)

17. VOL (volume) +/-

Initializing the Unit

Initializing the unit will erase the clock settings and all your settings stored in the backup memory. [INITIALIZE] appears **only while the source is off and the clock is displayed.**

- 1 Press MENU, rotate the control dial to select [GENERAL], then press it.
- 2 Rotate the control dial to select [INITIALIZE], then press it.
- 3 Rotate the control dial to select [INIT-YES], then press it.

Note

- Initialize the unit before discarding the unit to prevent the leakage of phone information.

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Setting the Clock

- 1 Press MENU, rotate the control dial to select [GENERAL], then press it.**
- 2 Rotate the control dial to select [CLOCK], then press it.**
- 3 Rotate the control dial to select [MANUAL], then press it.**

The hour indication flashes.
- 4 Rotate the control dial to set the hour and minute.**

To move the digital indication, press **◀◀ / ▶▶** (SEEK -/+).
- 5 After setting the minute, press MENU.**

The setup is complete and the clock starts.

To display the clock

Press DSPL (display).

To set the clock automatically

Select [AUTO <RDS>] in step 3.

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Checking the Battery Voltage

You can check the current battery voltage. (Not available while the source is off and the clock is displayed.)

- 1 Press DSPL (display) repeatedly until the battery voltage display appears.**

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Preparing a Bluetooth® Device

You can enjoy music, or perform handsfree calling depending on the BLUETOOTH compatible device such as a smartphone, mobile phone and audio device (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, 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. This unit can connect two BLUETOOTH devices (two mobile phones, or a mobile phone and an audio device).



- 1 Place the BLUETOOTH device within 1 m (3 ft) of this unit.
- 2 Press MENU, rotate the control dial to select [BLUETOOTH], then press it.
- 3 Rotate the control dial to select [PAIRING], then press it.
- 4 Rotate the control dial to select [DEVICE 1]* or [DEVICE 2]*, then press it.
ⓑ (BLUETOOTH) flashes while the unit is in pairing standby mode.
* [DEVICE 1] or [DEVICE 2] will be changed to the paired device name after pairing is complete.
- 5 Perform pairing on the BLUETOOTH device so it detects this unit.
- 6 Select your model name shown in the display of the BLUETOOTH device.
Repeat from step 2 if your model name does not appear.
- 7 If passkey* input is required on the BLUETOOTH device, input [0000].
When pairing is made, ⓑ (BLUETOOTH) stays lit.
* Passkey may be called “Passcode”, “PIN code”, “PIN number” or “Password”, etc., depending on the device.
- 8 Select this unit on the BLUETOOTH device to establish the BLUETOOTH connection.
📶 (mobile phone) or 📻 (audio) lights up when the connection is made.

Note

- While connecting to a BLUETOOTH device, this unit cannot be detected from another device. To enable detection, enter the pairing mode and search for this unit from another device.

To start playback

Press SRC (source) to select [BT AUDIO].

To disconnect the paired device

Perform steps 2 to 4 to disconnect after this unit and the BLUETOOTH device are paired.

Related Topic

- [Playing a BLUETOOTH Device](#)

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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 **MENU**, rotate the control dial to select **[BLUETOOTH]**, then press it.



2 Rotate the control dial to select **[BT SIGNAL]**, then press it.

Make sure that  (BLUETOOTH) lights up.

3 Activate the **BLUETOOTH** function on the **BLUETOOTH** device.


4 Operate the **BLUETOOTH** device to connect to this unit.

 (mobile phone) or  (audio) lights up.

Icon in the display	Detail
 (mobile phone)	Lights up when handsfree calling is available by enabling the HFP (Handsfree Profile).
 (audio)	Lights up when the audio device is playable by enabling the A2DP (Advanced Audio Distribution Profile).

To connect the last-connected device from this unit

Activate the **BLUETOOTH** function on the **BLUETOOTH** device.

To connect with the audio device, press **SRC** (source) to select **[BT AUDIO]** and press  (play/pause).

To connect with the mobile phone, press **CALL** (only available when there is no audio device or mobile phone connected to the unit).

Hint

- With **BLUETOOTH** signal on: when the ignition is turned to on, this unit reconnects automatically to the last-connected mobile phone.

Note

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

To capture your voice during handsfree calling

You need to install the microphone (supplied).

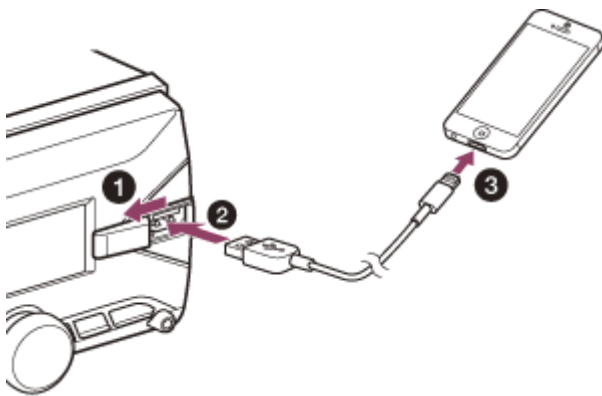
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Connecting with an iPhone/iPod (BLUETOOTH Auto Pairing)

When an iPhone/iPod with iOS5 or later installed is connected to the USB port, the unit is paired and connected with the iPhone/iPod automatically. To enable BLUETOOTH Auto Pairing, make sure [AUTO PAIR] in [BLUETOOTH] is set to [ON].

1 Activate the BLUETOOTH function on the iPhone/iPod.

2 Connect the iPhone/iPod to the USB port.



Make sure that  (BLUETOOTH) lights up on the display of the unit.

Note

- BLUETOOTH Auto Pairing is not possible if the unit is already connected to two BLUETOOTH devices. In this case, disconnect one of the devices, then connect the iPhone/iPod again.
- If BLUETOOTH Auto Pairing is not established, perform pairing and make the BLUETOOTH connection with the iPhone/iPod, as with other BLUETOOTH device.

Related Topic

- [BLUETOOTH Setup \(BLUETOOTH\)](#)
- [Preparing a Bluetooth® Device](#)
- [Pairing and Connecting with a BLUETOOTH Device](#)
- [Connecting with a Paired BLUETOOTH Device](#)

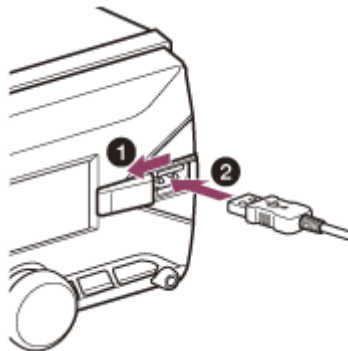
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Connecting a USB Device

1 Turn down the volume on the unit.

2 Connect the USB device to the unit.

To connect an iPod/iPhone, use the USB connection cable for iPod (not supplied).

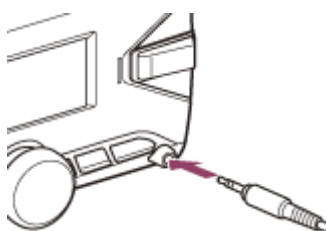


The USB port on the rear is also available.

Connecting Other Portable Audio Device

- 1 Turn off the portable audio device.
- 2 Turn down the volume on the unit.
- 3 Connect the portable audio device to the AUX input jack (stereo mini jack) on the unit with a connecting cord (not supplied)*.

* Be sure to use a straight type plug.



- 4 Press SRC (source) to select [AUX].

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

Start playback of the portable audio device at a moderate volume, and set your usual listening volume on the unit. Press MENU, then select [SOUND] → [AUX VOLUME].

Related Topic

- [Sound Setup \(SOUND\)](#)

Listening to the Radio

Press SRC (source) to select [RADIO].

To preset stations automatically (BTM)

1. Press MODE to change the band*.
2. Press MENU, rotate the control dial to select [GENERAL], then press it.
3. Rotate the control dial to select [BTM], then press it.

The unit presets stations in order of frequency on the number buttons.

* The following bands can be selected: FM1, FM2, FM3, AM1, AM2.

To tune to a station

1. Press MODE to change the band*.
2. Perform tuning.

To tune manually

Press and hold **◀◀ / ▶▶** (SEEK -/+) to locate the approximate frequency, then press **◀◀ / ▶▶** (SEEK -/+) repeatedly to finely adjust to the desired frequency.

To tune automatically

Press **◀◀ / ▶▶** (SEEK -/+).

Scanning stops when the unit receives a station.

* The following bands can be selected: FM1, FM2, FM3, AM1, AM2.

To preset a station

While receiving the station that you want to preset, press and hold a number button (1 to 6) until [MEMORY] appears.

To receive preset stations

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

Related Topic

- [General Setup \(GENERAL\)](#)

Selecting Program Types (PTY)

- 1 Press **PTY** during FM reception.
- 2 Rotate the control dial to select **[PTY MUSIC]** or **[PTY TALK]**, then press it.
The unit starts to search for a station broadcasting the selected program type.

Type of programs

PTY TALK	NEWS (News), INFORM (Information), SPORTS (Sports), TALK (Talk), LANGUAGE (Foreign Language), REL TALK (Religious Talk), PERSNLTY (Personality), PUBLIC (Public), COLLEGE (College), HABL ESP (Spanish Talk), WEATHER (Weather)
PTY MUSIC	ROCK (Rock), CLS ROCK (Classic Rock), ADLT HIT (Adult Hits), SOFT RCK (Soft Rock), TOP 40 (Top 40), COUNTRY (Country), OLDIES (Oldies), SOFT (Soft), NOSTALGA (Nostalgia), JAZZ (Jazz), CLASSICL (Classical), R & B (Rhythm and Blues), SOFT R&B (Soft Rhythm and Blues), REL MUSC (Religious Music), MUSC ESP (Spanish Music), HIP HOP (Hip-Hop)

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Listening to the SiriusXM Radio

To activate 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 SRC (source) to select [SIRIUSXM]. 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: [SUBSCRIP UPDATED - PRESS ENTER TO CONTINUE]. Once subscribed, you can tune to channels in your subscription plan.

Note

- 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.

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Selecting Channels for SiriusXM

- 1 Press **Q** (browse).
- 2 Rotate the control dial to select [CHANNEL], then press it.
- 3 Rotate the control dial to select the desired channel, then press it.

To select channels with rapid browse mode

Press and hold **↑** (up) or **↓** (down) of remote commander for more than 2 seconds after [CHANNEL] selected, then press ENTER.

Selecting Channels from Categories

- 1 Press **Q** (browse).
- 2 Rotate the control dial to select [CATEGORY], then press it.
- 3 Rotate the control dial to select the desired category, then press it.
The channel list appears.
- 4 Rotate the control dial to select the desired channel, then press it.

To preset channels

While receiving the channel that you want to preset, press and hold a number button (1 to 6) until [MEMORY] appears.

To receive the preset channel, press MODE to select the Band you want ([SXM1], [SXM2] or [SXM3]), then press a number button (1 to 6). (Each Band can preset up to 6 channels.)

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Setting a Parental Control

The parental control feature allows you to limit the 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 Press MENU and rotate the control dial.**
- 2 Select [GENERAL] → [PARENTAL] → [LOCK SELECT] → [LOCK-ON].**
- 3 Enter the passcode by rotating the control dial on the unit or pressing ↑ / ↓ (up/down) on the remote commander.**

To move the entry position, press ◀◀ / ▶▶ (SEEK -/+) on the unit or ← / → (left/right) on the remote commander.
The initial passcode is [0000].
- 4 After entering the passcode, press ENTER.**

To unlock the channels

1. Press MENU and rotate the control dial.
2. Select [GENERAL] → [PARENTAL] → [LOCK SELECT] → [LOCK-OFF].

To change the passcode

1. Press MENU and rotate the control dial.
2. Select [GENERAL] → [PARENTAL] → [CODE EDIT].
3. Enter the current passcode on the current passcode input display, then press ENTER.
The initial passcode is [0000].
4. Enter your new 4-digit passcode on the new passcode input display, then press ENTER.

To change display items

Press DSPL (display) repeatedly until the desired display items appear.

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Playing a USB Device

In these Operating Instructions, “iPod” is used as a general reference for the iPod functions on an iPod and iPhone, unless otherwise specified by the text or illustrations.

For details on the compatibility of your iPod, see “[About iPod](#)” or visit the support site.

AOA (Android Open Accessory) 2.0, MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices* compliant with the USB standard can be used. Depending on the USB device, the Android mode or MSC/MTP mode can be selected on the unit.

Some digital media players or Android smartphones may require setting to MTP mode.

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

Note

- For details on the compatibility of your USB device, visit the support site.
- Smartphones with Android OS 4.1 or higher installed support Android Open Accessory 2.0 (AOA 2.0). However, some smartphones may not fully support AOA 2.0 even if Android OS 4.1 or higher is installed. For details on the compatibility of your Android smartphone, visit the support site.
- Playback of the following files is not supported.
MP3/WMA/AAC/FLAC:
 - copyright-protected files
 - DRM (Digital Rights Management) files
 - Multi-channel audio files
MP3/WMA/AAC:
 - lossless compression files
WAV:
 - Multi-channel audio files

Before making a connection, select the USB mode (Android mode or MSC/MTP mode) depending on the USB device.

1. Connect a USB device to the USB port.

Playback starts.

If a device is already connected, to start playback, press SRC (source) to select [USB1] for the USB port on the front, [USB2] for the USB port on the rear.

([IPOD] appears in the display when the iPod is recognized.)

2. Adjust the volume on this unit.

To stop playback

Press and hold OFF for 1 second.

To remove the device

Stop playback, then remove the device.

Caution for iPhone

When you connect an iPhone via USB, phone call volume is controlled by the iPhone, not the unit. Do not inadvertently increase the volume on the unit during a call, as a sudden loud sound may result when the call ends.

Related Topic

- [Precautions](#)
- [Connecting a USB Device](#)
- [General Setup \(GENERAL\)](#)
- [Customer Support Websites](#)

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Playing a BLUETOOTH Device

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



- 1 **Make BLUETOOTH connection with the audio device.**
See “[Connecting with a Paired BLUETOOTH Device](#)”.

To select the audio device, press MENU, then select [BLUETOOTH] → [SEL AUDIO].

- 2 **Press SRC (source) to select [BT AUDIO].**

- 3 **Operate the audio device to start playback.**

- 4 **Adjust the volume on this unit.**

Note

- 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.
- [BT AUDIO] does not appear in the display while running the “Sony | Music Center” application via the BLUETOOTH function.

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

Start playback of the BLUETOOTH audio device at a moderate volume, and set your usual listening volume on the unit. Press MENU, then select [SOUND] → [BTA VOLUME].

Related Topic

- [Connecting with a Paired BLUETOOTH Device](#)
- [Sound Setup \(SOUND\)](#)
- [BLUETOOTH Setup \(BLUETOOTH\)](#)

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Repeat Play and Shuffle Play

Not available when a USB device in Android mode is connected.

1 During playback, press  (repeat) or  (shuffle) repeatedly to select the desired play mode.

Available play modes differ depending on the selected sound source.

Searching a Track by Name (“Quick-BrowZer”)

Not available when a USB device in Android mode or iPod is connected.

- 1** During USB or BT AUDIO ^{*1} playback, press **Q** (browse)^{*2} to display the list of search categories.

When the track list appears, press **↶** (back) repeatedly to display the desired search category.

^{*1} Available only for audio devices supporting AVRCP (Audio Video Remote Control Profile) 1.4 or above.

^{*2} During USB playback, press and hold **Q** (browse) for more than 2 seconds to directly return to the beginning of the category list.

- 2** Rotate the control dial to select the desired search category, then press it.

- 3** Rotate the control dial to select the desired track, then press it.

Playback starts.

To exit the “Quick-BrowZer” mode

Press **Q** (browse).

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Searching by Skipping Items (Jump mode)

Not available when a USB device in Android mode or iPod is connected.

- 1** During USB playback, press **Q** (browse).
- 2** Press **▶▶** (SEEK +).
- 3** Rotate the control dial to select the item.
The list is jumped in steps of 10% of the total number of items.
- 4** Press **ENTER** to return to the “Quick-BrowZer” mode.
The selected item appears.
- 5** Rotate the control dial to select the desired item, then press it.
Playback starts.

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About Pandora®

Pandora® is available to stream music through your iPhone and Android smartphone. You can control Pandora® on a BLUETOOTH connected iPhone/Android smartphone from this unit.

Pandora® is only available in certain countries.

Please visit

<http://www.pandora.com/legal>

for more information.

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Setting up Pandora®

- 1 Check the compatibility of your mobile device by visiting the support site.
 - 2 Download the latest version of the Pandora® application from your smartphone's app store. A list of compatible devices can be found at www.pandora.com/everywhere/mobile
-

Related Topic

- [Customer Support Websites](#)

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Streaming Pandora®

1 Make BLUETOOTH connection with the audio device.

To select the audio device, press MENU, then select [BLUETOOTH] → [SEL AUDIO].

2 Press SRC (source) to select [PANDORA].

3 Launch Pandora® application on your mobile device.

4 Press ►|| (play/pause) to start playback.

If the device number appears

Make sure that the same numbers are displayed (e.g., 123456) in this unit and the mobile device, then press ENTER on this unit and select [Yes] on the mobile device.

When activating the BLUETOOTH function

You can adjust the volume level.

Press MENU, then select [SOUND] → [BTA VOLUME].

Related Topic

- [Connecting with a Paired BLUETOOTH Device](#)
- [Sound Setup \(SOUND\)](#)
- [BLUETOOTH Setup \(BLUETOOTH\)](#)

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“Thumbs” Feedback

“Thumbs Up” or “Thumbs Down” feedback allows you to personalize stations.

1 During playback, press ▲ (Thumbs Up) or ▼ (Thumbs Down).

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Using the Station List

The station list allows you to easily select a desired station.

- 1** During playback, press **Q** (browse).
- 2** Press **▶▶** (SEEK +) to select the sorting order [STATION SORT BY DATE] or [STATION SORT BY A TO Z].
- 3** Rotate the control dial to select the desired station, then press it.
Playback starts.

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Bookmarking

The track currently being played can be bookmarked and stored in your Pandora® account.

- 1** During playback, press **MODE**.

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Preparing a Mobile Phone

To use a mobile phone, connect it with this unit. You can connect two mobile phones to the unit.



Related Topic

- [Preparing a Bluetooth® Device](#)

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Receiving a Call

- 1 **Press CALL when a call is received with a ringtone.**

The phone call starts.

Note

- The ringtone and talker's voice are output from the front speakers. To select the speakers for handsfree calling, press MENU, then select [BLUETOOTH] → [VOICE OUT].

To reject the call

Press and hold OFF for 1 second.

To end the call

Press CALL again.

Related Topic

- [BLUETOOTH Setup \(BLUETOOTH\)](#)

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Making a Call

You can make a call from the phonebook or call history when a mobile phone supporting PBAP (Phone Book Access Profile) is connected. When two mobile phones are connected to the unit, select either phone.

Making a Call from the Phonebook

1 Press CALL.

When two mobile phones are connected to the unit, rotate the control dial to select either phone, then press it.

2 Rotate the control dial to select [CONTACTS], then press it.

3 Rotate the control dial to select an initial from the initial list, then press it.

4 Rotate the control dial to select a name from the name list, then press it.

5 Rotate the control dial to select a phone number from the number list, then press it.

The phone call starts.

Making a Call from the Call History

1 Press CALL.

When two mobile phones are connected to the unit, rotate the control dial to select either phone, then press it.

2 Rotate the control dial to select [RECENT CALL], then press it.

A list of the call history appears.

3 Rotate the control dial to select a name or phone number from the call history, then press it.

The phone call starts.

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Making a Call by Phone Number Input

1 Press CALL.

When two mobile phones are connected to the unit, rotate the control dial to select either phone, then press it.

2 Rotate the control dial to select [DIAL NUMBER], then press it.

3 Rotate the control dial to enter the phone number, and lastly select [] (space), then press ENTER*.

The phone call starts.

* To move the digital indication, press **◀◀ / ▶▶** (SEEK -/+).

Note

- [] appears instead of [#] on the display.

Making a Call by Redial

1 Press CALL.

When two mobile phones are connected to the unit, rotate the control dial to select either phone, then press it.

2 Rotate the control dial to select [REDIAL], then press it.

The phone call starts.

Making a Call by Voice Tags

You can make a call by saying the voice tag stored in a connected mobile phone that has a voice dialing function.

1 Press CALL.

When two mobile phones are connected to the unit, rotate the control dial to select either phone, then press it.

2 Rotate the control dial to select [VOICE DIAL], then press it.

Alternatively, press and hold VOICE for more than 2 seconds (only available for the first mobile phone connected to the unit).

3 Say the voice tag stored on the mobile phone.

Your voice is recognized, and the phone call starts.

To cancel voice dialing

Press VOICE.

Available Operations during Call

To adjust the ringtone volume

Rotate the control dial while receiving a call.

To adjust the talker's voice volume

Rotate the control dial during a call.

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

Press MIC.

Adjustable volume levels: [MIC-LOW], [MIC-MID], [MIC-HI].

To reduce echo and noise (Echo Canceler/Noise Canceler Mode)

Press and hold MIC.

Settable mode: [EC/NC-1], [EC/NC-2].

To switch between handsfree mode and handheld mode

During a call, press MODE to switch the phone call audio between the unit and mobile phone.

Note

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

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“Sony | Music Center” with iPhone/Android™ Smartphone

Downloading the latest version of “Sony | Music Center” application is required from the App Store for iPhone or from Google Play for Android smartphone.

Note

- For your safety, follow your local traffic laws and regulations, and do not operate the application while driving.
- “Sony | Music Center” is an app for controlling Sony audio devices which are compatible with “Sony | Music Center”, by your iPhone/Android smartphone.
- What you can control with “Sony | Music Center” varies depending on the connected device.
- To make use of “Sony | Music Center” features, see the details on your iPhone/Android smartphone.
- For further details on “Sony | Music Center”, visit the following URL: <http://www.sony.net/smcqa/>
- Visit the website below and check the compatible iPhone/Android smartphone models.
For iPhone: visit the App Store
For Android smartphone: visit Google Play

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Establishing the “Sony | Music Center” Connection

1 Make the BLUETOOTH connection with iPhone/Android smartphone.

To select the audio device, press MENU, then select [BLUETOOTH] → [SEL AUDIO].

2 Launch the “Sony | Music Center” application.

3 Press MENU, rotate the control dial to select [SONY APP], then press it.

Connection to iPhone/Android smartphone starts.

For details on the operations on iPhone/Android smartphone, refer to the help of the application.

If the device number appears

Make sure that the number is displayed (e.g., 123456), then select [Yes] on the iPhone/Android smartphone.

To terminate connection

Press MENU, rotate the control dial to select [SONY APP], then press it.

Related Topic

- [BLUETOOTH Setup \(BLUETOOTH\)](#)
- [Connecting with a Paired BLUETOOTH Device](#)

Selecting the Source or Application

You can operate to select the desired source or application on iPhone/Android smartphone.

To select the source

Press SRC (source) repeatedly. Alternatively, press SRC (source), rotate the control dial to select the desired source, then press ENTER.

To display the source list

Press SRC (source).

To make sound and display settings

You can adjust the settings relating to sound and display via iPhone/Android smartphone.

For details on settings, refer to the help of the application.

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Using Voice Recognition (Android Smartphone Only)

- 1 Press and hold VOICE to activate voice recognition.
- 2 Say the desired voice command into the microphone.

To deactivate voice recognition

Press VOICE.

Note

- Voice recognition may not be available in some cases.
- Voice recognition may not work properly depending on the performance of the connected Android smartphone.
- Operate under conditions where noise such as engine sound is minimized during voice recognition.

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Using “Siri Eyes Free”

“Siri Eyes Free” allows you to use an iPhone handsfree by simply speaking into the microphone. This function requires you to connect an iPhone to the unit via BLUETOOTH. Availability is limited iPhone 4s or later. Make sure that your iPhone is running the latest iOS version. You must complete BLUETOOTH registration and connection configurations for the iPhone with the unit in advance.

To select the iPhone, press MENU, then select [BLUETOOTH] → [SEL AUDIO].

1 Activate the Siri function on the iPhone.

For details, refer to the operating instructions supplied with the iPhone.

2 Press and hold VOICE for more than 2 seconds.

The voice command display appears.

3 After the iPhone beeps, speak into the microphone.

The iPhone beeps again, then Siri starts responding.

To deactivate “Siri Eyes Free”

Press VOICE.

Note

- The iPhone may not recognize your voice depending on usage conditions. (For example, if you are in a moving car.)
- “Siri Eyes Free” may not function properly, or the response time may lag in locations where iPhone signals are difficult to receive.
- Depending on the iPhone’s operating condition, “Siri Eyes Free” may not function properly, or may quit.
- If you play a track with an iPhone using the BLUETOOTH audio connection, when the track starts playback via BLUETOOTH, “Siri Eyes Free” automatically quits and the unit switches to the BLUETOOTH audio source.
- When “Siri Eyes Free” is activated during audio playback, the unit may switch to the BLUETOOTH audio source even if you do not specify a track to play.
- When connecting the iPhone to the USB port, “Siri Eyes Free” may not function properly, or may quit.
- When connecting the iPhone to the unit via USB, do not activate Siri with the iPhone. “Siri Eyes Free” may not function properly, or may quit.
- There is no audio sound while “Siri Eyes Free” is activated.

Related Topic

- [Preparing a Bluetooth® Device](#)
- [BLUETOOTH Setup \(BLUETOOTH\)](#)

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Basic Setting Operation

You can set items in the following setup categories: General setup (GENERAL), Sound setup (SOUND), Display setup (DISPLAY), BLUETOOTH setup (BLUETOOTH), "Sony | Music Center" setup (SONY APP).

- 1 Press MENU.**
- 2 Rotate the control dial to select the setup category, then press it.**
The items that can be set differ depending on the source and settings.
- 3 Rotate the control dial to select the options, then press it.**

To return to the previous display

Press  (back).

General Setup (GENERAL)

DEMO (demonstration)

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

CLOCK (clock)

Sets the clock: [AUTO <RDS>], [MANUAL].

BEEP (beep)

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

AUTO OFF (auto off)

Shuts off automatically after a certain time when the unit is turned off and the clock is displayed (i.e. press and hold OFF for 1 second): [ENABLE] (30 minutes), [DISABLE].

STEERING (steering)

Registers/resets the setting of the steering wheel remote control. (Available only while the source is off and the clock is displayed.)

Item	Detail
STRG CTRL (steering control)	Selects the input mode of the connected remote control. To prevent a malfunction, be sure to match the input mode with the connected remote control before use. [CUSTOM] (custom) Input mode for the steering wheel remote control. [PRESET] (preset) Input mode for the wired remote control excluding the steering wheel remote control. (Automatically selected when [RESETCUSTOM] is performed.)
EDIT CUSTOM (edit custom)	Registers the functions (SOURCE, ATT (attenuate), VOL (volume) +/-, SEEK +/-, VOICE, ON HOOK, OFF HOOK) to the steering wheel remote control: <ol style="list-style-type: none"> ① Rotate the control dial to select the function you want to assign to the steering wheel remote control, then press it. ② While [REGISTER] is blinking, press and hold the button on the steering wheel remote control you want to assign the function to. When registration is complete, [REGISTERED] is displayed. ③ To register other functions, repeat steps ① and ②. (Available only when [STRG CTRL] is set to [CUSTOM].)
RESETCUSTOM (reset custom)	Resets the registered functions of the steering wheel remote control: [YES], [NO]. (Available only when [STRG CTRL] is set to [CUSTOM].)

Note

- While making settings, only button operation on the unit is available. For safety, park your car before making this setting.

- If an error occurs while registering, all the previously-registered information remains. Restart registration from the function where the error occurred.
- This function may not be available on some vehicles. For details on the compatibility of your vehicle, visit the support site.

SPKR LOAD (speaker impedance load)

Sets the impedance load of the speaker connection: [4 OHM] (4 Ω load connection), [2 OHM] (2 Ω load connection).
(Available only while the source is off and the clock is displayed.)

- Set to [2 OHM] when connecting as follows:
 - When connecting front speakers in parallel.
 - When connecting subwoofer(s) to right and left rear speaker leads.
 - When connecting a dual voice coil subwoofer with 4 Ω to 8 Ω impedance.

USB AUTOPLY (USB auto play)

Activates the USB auto play: [ON], [OFF].

USB MODE (USB mode)

Changes the USB mode: [ANDROID], [MSC/MTP].
(Available only when the USB is selected.)

BTM (best tuning memory)

Presets stations automatically.
(Available only when the radio is selected.)

PARENTAL (SiriusXM parental)

Sets the parental lock to [ON], [OFF], and edits the passcode.
(Available only when SiriusXM is selected.)

SXM SIGNAL (SiriusXM signal)

Displays the current status of the SiriusXM signal strength: [NO SIGNAL] (signal level 0), [WEAK] (signal level 1), [GOOD] (signal level 2), [EXCELLENT] (signal level 3).
(Available only when SiriusXM is selected.)

SXM RESET (SiriusXM reset)

Initializes the SiriusXM Connect Vehicle Tuner settings (preset channels/parental lock): [YES], [NO].
(Available only when SiriusXM is selected.)

INITIALIZE (initialize)

Initializes all the settings to the factory settings: [YES], [NO].
(Available only while the source is off and the clock is displayed.)

FIRMWARE (firmware)

(Available only while the source is off and the clock is displayed.)

Checks/updates the firmware version. For details, visit the support site.

Item	Detail
FW VERSION (firmware version)	Displays current firmware version.
FW UPDATE (firmware update)	Enters firmware update process: [YES], [NO]. Updating the firmware takes a few minutes to complete. During the update, do not turn the ignition to the OFF position, nor remove the USB device.

Related Topic

- [Customer Support Websites](#)

Sound Setup (SOUND)

This setup menu is not available when the source is off and the clock is displayed.

CLR AUDIO+ (ClearAudio+)

Reproduces sound by optimizing the digital signal with the Sony recommended sound settings: [ON], [OFF].
(Automatically sets to [OFF] when [EQ10 PRESET] is changed and/or [EXTRA BASS] is set to [1] or [2] and/or [DSO] is set to [LOW], [MID] or [HIGH].)

EQ10 PRESET (EQ10 preset)

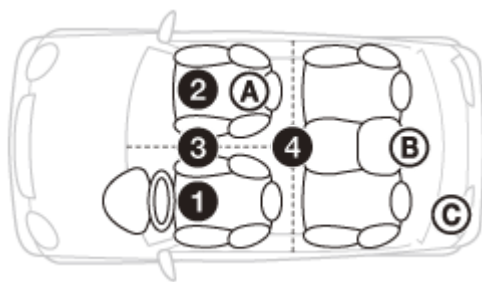
Selects an equalizer curve from 10 equalizer curves or off:
[OFF], [R&B], [ROCK], [POP], [HIP-HOP], [EDM], [JAZZ], [SOUL], [COUNTRY], [KARAOKE]*, [CUSTOM].
The equalizer curve setting can be memorized for each source.

* [KARAOKE] reduces the vocal sound but cannot fully remove it during playback. Also, using a microphone is not supported.

EQ10 CUSTOM (EQ10 custom)

Sets [CUSTOM] of EQ10.
Setting the equalizer curve: [B01] – [B10] (32 Hz, 63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz).
The volume level is adjustable in 1 dB steps, from -6 dB to +6 dB.

POSITION (listening position)



Item	Detail
F/R POS (front/rear position)	<p>Simulates a natural sound field by delaying the sound output from speakers to suit your position:</p> <ul style="list-style-type: none"> ① [FRONT L] (front left), ② [FRONT R] (front right), ③ [FRONT] (center front), ④ [ALL] (center of your car), <p>[CUSTOM] (position set by the advanced car audio settings on “Sony Music Center”) [OFF] (no position set)</p>
ADJ POS (adjust position)	<p>Fine-tunes the listening position setting: [+3] – [CENTER] – [-3]. (Available only when [F/R POS] is not set to [OFF] or [CUSTOM].)</p>

Item	Detail
SUBW POS (subwoofer position)	<p>Ⓐ [NEAR] (near), Ⓑ [NORMAL] (normal), Ⓒ [FAR] (far) (Available only when [F/R POS] is set to other than [OFF].)</p>

DSO (dynamic stage organizer)

Creates a more ambient sound as if there were speakers in the dashboard: [OFF], [LOW], [MID], [HIGH].
 (Automatically sets to [OFF] when [CLR AUDIO+] is set to [ON].)

BALANCE (balance)

Adjusts the sound balance: [RIGHT-15] – [CENTER] – [LEFT-15].

FADER (fader)

Adjusts the relative level: [FRONT-15] – [CENTER] – [REAR-15].

DSEE (digital sound enhancement engine)

Improves digitally compressed sound by restoring high frequencies lost in the compression process: [ON], [OFF].
 This setting can be memorized for each source other than the radio.

AAV (advanced auto volume)

Adjusts the playback volume level of all playback sources to the optimum level: [ON], [OFF].

RRB ENHANCE (rear bass enhancer)

Enhances the bass sound by applying a low pass filter setting to the rear speakers. This function allows the rear speakers to work as a subwoofer if one is not connected.
 (Available only when [SUBW DIRECT] is set to [OFF].)

Item	Detail
RBE MODE (rear bass enhancer mode)	Selects the rear bass enhancer mode: [1], [2], [3], [OFF].
LPF FREQ (low pass filter frequency)	Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
LPF SLOPE (low pass filter slope)	Selects the LPF slope: [1], [2], [3].

SUBW DIRECT (subwoofer direct connection)

Adjusts the settings for the subwoofer connected to the rear speaker lead without a power amplifier.
 (Available only when [RBE MODE] is set to [OFF].)

- When connecting a 2Ω or 4 Ω to 8 Ω subwoofer to either of the rear speaker leads, set [SPKR LOAD] to [2 OHM].

- When using a subwoofer with dual voice coil, or using subwoofer(s) by connecting to the right and left rear speaker leads, set [SPKR LOAD] to [2 OHM].

Item	Detail
SUBW MODE (subwoofer mode)	Selects the subwoofer mode: [1], [2], [3], [OFF].
SUBW PHASE (subwoofer phase)	Selects the subwoofer phase: [NORMAL], [REVERSE].
SUBW POS (subwoofer position)	Selects the subwoofer position: [NEAR], [NORMAL], [FAR]. (Available only when [F/R POS] is set to other than [OFF].)
LPF FREQ (low pass filter frequency)	Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
LPF SLOPE (low pass filter slope)	Selects the LPF slope: [1], [2], [3].

SUBWOOFER (subwoofer)

Item	Detail
SUBW LEVEL (subwoofer level)	Adjusts the subwoofer volume level: [+10 dB] – [0 dB] – [-10 dB]. ([MUTE] is displayed at the lowest setting.)
SUBW PHASE (subwoofer phase)	Selects the subwoofer phase: [NORMAL], [REVERSE].
SUBW POS (subwoofer position)	Selects the subwoofer position: [NEAR], [NORMAL], [FAR]. (Available only when [F/R POS] is not set to [OFF].)
LPF FREQ (low pass filter frequency)	Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
LPF SLOPE (low pass filter slope)	Selects the LPF slope: [1], [2], [3].

HPF (high pass filter)

Item	Detail
HPF FREQ (high pass filter frequency)	Selects the front/rear speaker cut-off frequency: [OFF], [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
HPF SLOPE (high pass filter slope)	Selects the HPF slope (effective only when [HPF FREQ] is set to other than [OFF]): [1], [2], [3].

AUX VOLUME (AUX volume)

Adjusts the volume level for each connected auxiliary device: [+18 dB] – [0 dB] – [-8 dB]. This setting negates the need to adjust the volume level between sources. (Available only when the AUX is selected.)

BTA VOLUME (BLUETOOTH audio volume)

Adjusts the volume level for each connected BLUETOOTH device: [+6 dB] – [0 dB] – [-6 dB]. This setting negates the need to adjust the volume level between sources.

(Available only when the BT audio, application or Pandora® is selected.)

MAX VOLUME (maximum volume)

Sets the maximum volume level of the unit: [30] – [50].

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Display Setup (DISPLAY)

DIMMER (dimmer)

Change the display brightness: [OFF], [ON], [AUTO] (auto), [CLK] (clock). ([AUTO] is available only when the illumination control lead is connected, and the head lights are turned on.)

- To set this function to be active only during a fixed period, select [CLK], then set the start and end times.
- To set the brightness when the dimmer function is activated, set [DIMMER] to [ON], then adjust [BRIGHTNESS].
- To set the brightness when the dimmer function is deactivated, set [DIMMER] to [OFF], then adjust [BRIGHTNESS].

The brightness setting is stored and applied when the dimmer function is activated or deactivated.

BRIGHTNESS (brightness)

Adjusts the display brightness. The brightness level is adjustable: [1] – [10].

BTN COLOR (button color)

Sets a preset color or customized color for the buttons.

Item	Detail
PRESET (preset color)	Selects from 15 presets colors, 1 customized color.
CUSTOM (custom color)	Registers a customized color for the buttons. RGB RED, RGB GREEN, RGB BLUE Adjustable color range: [0] – [32] ([0] cannot be set for all color ranges).

DISP COLOR (display color)

Sets a preset color or customized color for the display.

Item	Detail
PRESET (preset color)	Selects from 15 presets colors, 1 customized color.
CUSTOM (custom color)	Registers a customized color for the display. RGB RED, RGB GREEN, RGB BLUE Adjustable color range: [0] – [32] ([0] cannot be set for all color ranges).

SOUND SYNC (sound synchronization)

Activates the synchronization of the illumination with the sound: [ON], [OFF].

AUTO SCROLL (auto scroll)

Scrolls long items automatically: [ON], [OFF].
(Not available when the AUX or radio is selected.)

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BLUETOOTH Setup (BLUETOOTH)

PAIRING (pairing)

Connects up to two BLUETOOTH devices: [DEVICE 1], [DEVICE 2].
[DEVICE 1] or [DEVICE 2] will be changed to the paired device name after pairing is complete.

SEL AUDIO (select audio device)

Selects the audio device. [*] appears on the device paired with [DEVICE 1] or the current A2DP compatible audio device.

RINGTONE (ringtone)

Select the source of the ringtone output from the speakers: [1] (ringtone preset in this unit), [2] (ringtone from the mobile phone*).

* Depending on the mobile phone, this setting may not be available.

AUTO ANSWER (auto answer)

Sets this unit to answer an incoming call automatically: [OFF], [3 SECONDS] (about 3 seconds), [10 SECONDS] (about 10 seconds).

AUTO PAIR (auto pairing)

Start BLUETOOTH pairing automatically when iOS device version 5.0 or later is connected via USB: [ON], [OFF].

BT SIGNAL (BLUETOOTH signal)

Activates/deactivates the BLUETOOTH function.

BT INITIAL (BLUETOOTH initialize)

Initializes all the BLUETOOTH related settings (pairing information, device information, etc.): [YES], [NO].

When disposing the unit, initialize all the settings.

(Available only while the source is off and the clock is displayed.)

VOICE OUT (voice output)

Selects the speakers for handsfree calling:

[VOICE FRONT] (front speakers), [VOICE REAR] (rear speakers), [VOICE ALL] (all speakers).

(Available only while the source is off and the clock is displayed.)

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“Sony | Music Center” Setup (SONY APP)

Establish and terminate “Sony | Music Center” function (connection).

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Canceling the Demonstration Mode

You can cancel the demonstration display which appears when the source is off and the clock is displayed.

1 Press **MENU**, rotate the control dial to select **[GENERAL]**, then press it.

2 Rotate the control dial to select **[DEMO]**, then press it.

3 Rotate the control dial to select **[DEMO-OFF]**, then press it.

The setting is complete.

4 Press  (back) twice.

The display returns to normal reception/play mode.

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Updating the Firmware

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

Note

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

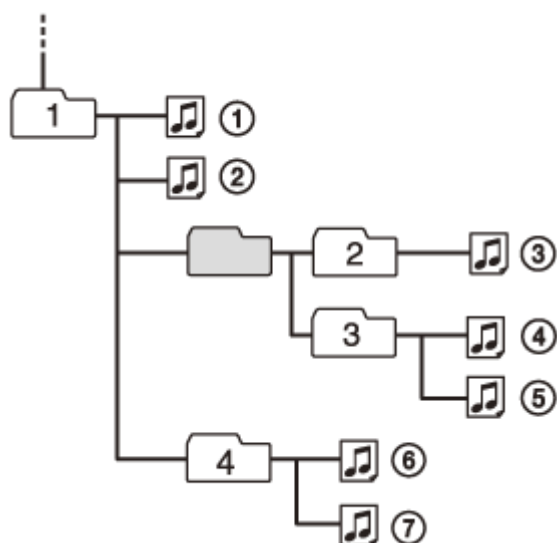
Related Topic



- [Customer Support Websites](#)

Precautions

- Cool off the unit beforehand if your car has been parked in direct sunlight.
- Do not leave audio devices brought in inside the car, or it may cause malfunction due to high temperature in direct sunlight.
- Power antenna (aerial) extends automatically.
- Do not splash liquid onto the unit.

Playback order of audio files



 : Folder (album)  : Audio file (track)

About iPod

- You can connect to the following iPod models. Update your iPod devices to the latest software before use.

Compatible iPhone/iPod models

Compatible Model	Bluetooth®	USB
iPhone XR	✓	✓
iPhone Xs max	✓	✓
iPhone Xs	✓	✓
iPhone X	✓	✓
iPhone 8	✓	✓
iPhone 8 Plus	✓	✓
iPhone 7	✓	✓
iPhone 7 Plus	✓	✓
iPhone SE	✓	✓
iPhone 6s	✓	✓

Compatible Model	Bluetooth®	USB
iPhone 6s Plus	✓	✓
iPhone 6	✓	✓
iPhone 6 Plus	✓	✓
iPhone 5s	✓	✓
iPhone 5c	✓	✓
iPhone 5	✓	✓
iPhone 4s	✓	✓
iPod touch (6th generation)	✓	✓
iPod touch (5th generation)	✓	✓
iPod nano (7th generation)		✓

- 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 manual, consult your nearest Sony dealer.

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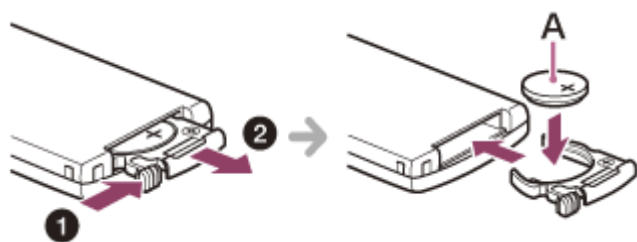
Maintenance

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.



A: Lithium battery (CR2025) + side up

Note

- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.

In-Car Receiver
DSX-GS900

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: 45 Watts RMS × 4 at 4 Ohms < 1% THD+N

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

Radio section

FM

Tuning range	87.5 MHz – 107.9 MHz
Usable sensitivity	8 dBf
Signal-to-noise ratio	73 dB
Separation	50 dB at 1 kHz

AM

Tuning range	530 kHz – 1,710 kHz
Sensitivity	26 µV

USB player section

Interface	USB1 port (front): USB (Hi-speed) USB2 port (rear): USB (Hi-speed)
Maximum current	USB1 port (front): 1 A USB2 port (rear): 1.5 A
Maximum number of recognizable files (tracks)	10,000
Compatible Android Open Accessory protocol (AOA)	2.0
Corresponding codec	MP3 (.mp3) Bit rate: 8 kbps – 320 kbps (Supports VBR (Variable Bit Rate))

	Sampling rate: 16 kHz – 48 kHz WMA (.wma) Bit rate: 32 kbps – 192 kbps (Supports VBR (Variable Bit Rate)) Sampling rate: 32 kHz, 44.1 kHz, 48 kHz AAC (.m4a, .mp4) Bit rate: 8 kbps – 320 kbps (stereo) Sampling rate: 11.025 kHz – 48 kHz WAV (.wav) Bit depth: 16 bit Sampling rate: 44.1 kHz, 48 kHz FLAC (.flac) Bit depth: 16 bit, 24 bit Sampling rate: 44.1 kHz, 48 kHz
Supported file system	FAT16, FAT32

Wireless communication

Communication System	BLUETOOTH Standard version 3.0
Output	BLUETOOTH Standard Power Class 2 (Max. Conducted +1 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) 1.5 HFP (Handsfree Profile) 1.6 PBAP (Phone Book Access Profile) SPP (Serial Port Profile)
Corresponding codec	SBC (.sbc), AAC (.m4a)

*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

Output	Speaker outputs
Speaker impedance	2 Ω/4 Ω – 8 Ω
Maximum power output	100 W × 4 (at 2 Ω/4 Ω)

General

Power requirements	12 V DC car battery (negative ground (earth))
Rated current consumption	10 A
Dimensions	Approx. 178 mm × 100 mm × 177 mm (7 1/8 in × 4 in × 7 in) (w/h/d)
Mounting dimensions	Approx. 182 mm × 111 mm × 160 mm (7 1/4 in × 4 3/8 in × 6 3/8 in) (w/h/d)

Mass	Approx. 1.1 kg (2 lb 7 oz)
Package contents	Main unit (1) Remote commander (1): RM-X231 Parts for installation and connections (1 set)
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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In-Car Receiver
DSX-GS900

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In-Car Receiver
DSX-GS900

Troubleshooting

Do the following before you request a repair service.

- Read the relevant instruction and troubleshooting topics in this Help Guide.
- Issues may be resolved by updating the software. When you install the “Support by Sony” app on your smartphone, you can get software update information conveniently.
- Visit our customer support home page.

If none of the above works, consult your nearest Sony dealer.

In-Car Receiver
DSX-GS900

No power is being supplied to the unit.

- If the unit is turned off and the display disappears, the unit cannot be operated with the remote commander.
 - Turn on the unit.

In-Car Receiver
DSX-GS900

The unit is turned off when playing at a high volume.

- The power from the power supply lead of the car may not be sufficient.
 - Check the power connection. If no problem is found in the connection, make the power connection to the battery directly.
If the situation does not improve, consult your nearest dealer.

In-Car Receiver
DSX-GS900

No sound or the sound is very low.

- The position of the fader control [FADER] is not set for a 2-speaker system.
- The volume of the unit and/or connected device is very low.
 - Increase the volume of the unit and connected device.

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In-Car Receiver
DSX-GS900

No beep sound.

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

In-Car Receiver
DSX-GS900

The settings in the memory have been erased.

- The unit has been initialized.
 - Store again into the memory.
-
-

Related Topic

- [General Setup \(GENERAL\)](#)
- [Initializing the Unit](#)

In-Car Receiver
DSX-GS900

The fuse has blown./Makes a noise when the position of the ignition is switched.

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

In-Car Receiver
DSX-GS900

During playback or reception, the demonstration mode starts.

- If no operation is performed for 5 minutes with [DEMO-ON] set, the demonstration mode starts.
 - Set [DEMO-OFF].
-
-

Related Topic

- [General Setup \(GENERAL\)](#)

In-Car Receiver
DSX-GS900

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

- The dimmer is set to [DIMMER-ON].
 - The display disappears if you press and hold OFF.
 - Press OFF on the unit until the display appears.
 - The connectors are dirty.
-

Related Topic

- [Display Setup \(DISPLAY\)](#)
- [Maintenance](#)

In-Car Receiver
DSX-GS900

The display/illumination flashes.

- The power supply is not sufficient.
 - Check that the car battery supplies enough power to the unit. (The power requirement is 12 V DC.)

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In-Car Receiver
DSX-GS900

The operation buttons do not function.

- The connection is not correct.
 - Check the connection of the unit.
If the situation does not improve, press the reset button.
For your safety, do not reset the unit while you are driving.
-
-

Related Topic

- [Guide to Parts and Controls](#)

In-Car Receiver
DSX-GS900

The clock set automatically is not accurate.

- The clock data on radio waves is not accurate.
 - Press MENU, set [CLOCK] in [GENERAL] to [MANUAL], then adjust the clock manually.
-
-

Related Topic

- [Setting the Clock](#)

In-Car Receiver
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The radio reception is poor./Static noise occurs.

- Connect the antenna (aerial) firmly.

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In-Car Receiver
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Preset tuning is not possible.

- The broadcast signal is too weak.

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In-Car Receiver
DSX-GS900

PTY displays [- - - - -].

- The current station is not an RDS station, or the radio reception is poor.

A USB device takes longer to play.

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

In-Car Receiver
DSX-GS900

The audio file cannot be played.

- USB device formatted with file systems other than FAT16 or FAT32 are unsupported.*

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

Related Topic

- [Specifications](#)

In-Car Receiver
DSX-GS900

Operations for skipping an album, skipping items (Jump mode), and searching a track by name (“Quick-BrowZer”) cannot be performed.

- These operations cannot be performed when a USB device in Android mode or iPod is connected.
 - Set [USB MODE] to [MSC/MTP].
-

Related Topic

- [General Setup \(GENERAL\)](#)

In-Car Receiver
DSX-GS900

The sound cannot be output during playback in Android mode.

- Check the status of the audio playback application on the Android smartphone.

In-Car Receiver
DSX-GS900

The connecting device cannot detect this unit.

- Before the pairing is made, set this unit to pairing standby mode.
 - While connected to two BLUETOOTH devices, this unit cannot be detected from another device.
 - Disconnect either connection and search for this unit from another device.
 - When the device pairing is made, set the BLUETOOTH signal output to on.
-

Related Topic

- [Pairing and Connecting with a BLUETOOTH Device](#)

In-Car Receiver
DSX-GS900

Connection is not possible.

- The connection is controlled from one side (this unit or BLUETOOTH device), but not both.
 - Connect to this unit from a BLUETOOTH device or vice versa.

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In-Car Receiver
DSX-GS900

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.

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DSX-GS900

No ringtone.

- Adjust the volume by rotating the control dial while receiving a call.
 - Depending on the connecting device, the ringtone may not be sent properly.
 - Set [RINGTONE] to [1].
 - The speakers are not connected to the unit.
 - Connect the speakers to the unit. To select the speakers for ringtone, press MENU, then select [BLUETOOTH] → [VOICE OUT].
-

Related Topic

- [BLUETOOTH Setup \(BLUETOOTH\)](#)

In-Car Receiver
DSX-GS900

The talker's voice cannot be heard.

- The speakers are not connected to the unit.
 - Connect the speakers to the unit. To select the speakers for talker's voice, press MENU, then select [BLUETOOTH] → [VOICE OUT].
-

Related Topic

- [BLUETOOTH Setup \(BLUETOOTH\)](#)

In-Car Receiver
DSX-GS900

A call partner says that the volume is too low or high.

- Adjust the volume accordingly using mic gain adjustment.
-

Related Topic

- [Available Operations during Call](#)

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In-Car Receiver
DSX-GS900

Echo or noise occurs in phone call conversations.

- Lower the volume.
 - Set EC/NC Mode to [EC/NC-1] or [EC/NC-2].
 - If the ambient noise other than the phone call sound is loud, try reducing this noise.
E.g.: If a window is open and road noise, etc., is loud, shut the window. If an air conditioner is loud, lower the air conditioner.
-

Related Topic

- [Available Operations during Call](#)

In-Car Receiver
DSX-GS900

The phone is not connected.

- When BLUETOOTH audio is played, the phone is not connected even if you press CALL.
 - Connect from the phone.

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In-Car Receiver
DSX-GS900

The phone sound quality is poor.

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

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The volume of the connected audio device is low (high).

- Volume level will differ depending on the audio device.
 - Adjust the volume of the connected audio device or this unit.

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In-Car Receiver
DSX-GS900

The sound skips during playback of a BLUETOOTH audio device.

- Reduce the distance between the unit and the BLUETOOTH audio device.
- If the BLUETOOTH audio device is stored in a case which interrupts the signal, remove the audio device from the case during use.
- Several BLUETOOTH devices or other devices which emit radio waves are in use nearby.
 - Turn off the other devices.
 - Increase the distance from the other devices.
- The playback sound stops momentarily when the connection between this unit and the mobile phone is being made. This is not a malfunction.

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DSX-GS900

The connected BLUETOOTH audio device cannot be controlled.

- Check that the connected BLUETOOTH audio device supports AVRCP.

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In-Car Receiver
DSX-GS900

Some functions do not work.

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

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In-Car Receiver
DSX-GS900

A call is answered unintentionally.

- The connecting phone is set to answer a call automatically.
 - Select [BLUETOOTH] → [AUTO ANSWER] for the auto answer settings.
-
-

Related Topic

- [BLUETOOTH Setup \(BLUETOOTH\)](#)

In-Car Receiver
DSX-GS900

Pairing failed due to a timeout.

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

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In-Car Receiver
DSX-GS900

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.

BLUETOOTH function cannot operate.

- Turn off the unit by pressing and holding OFF for more than 2 seconds, then turn the unit on again.

In-Car Receiver
DSX-GS900

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

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

In-Car Receiver
DSX-GS900

“Siri Eyes Free” is not activated.

- Perform the handsfree registration for an iPhone that supports “Siri Eyes Free”.
- Set the Siri function on the iPhone to on.
- Cancel the BLUETOOTH connection with the iPhone and the unit, and reconnect.

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Application name is mismatched with the actual application in “Sony | Music Center”.

- Launch the application again from the “Sony | Music Center” application.

In-Car Receiver
DSX-GS900

While running the “Sony | Music Center” application via BLUETOOTH, the display automatically switches to [BT AUDIO].

- The “Sony | Music Center” application or BLUETOOTH function has failed.
- Run the application again.

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In-Car Receiver
DSX-GS900

The “Sony | Music Center” application is automatically disconnected when the display switches to [IPOD].

- The “Sony | Music Center” application on iPhone/iPod does not support iPod playback.
 - Change the source of the unit to other than [IPOD], then establish the “Sony | Music Center” connection.
-

Related Topic

- [Establishing the “Sony | Music Center” Connection](#)

In-Car Receiver
DSX-GS900

The “Sony | Music Center” connection is automatically disconnected when the USB mode of the unit is changed to [ANDROID].

- The Android smartphone is not supporting playback in Android mode.
 - Set the USB mode of the unit to [MSC/MTP], then establish the “Sony | Music Center” connection.
-

Related Topic

- [Establishing the “Sony | Music Center” Connection](#)

In-Car Receiver
DSX-GS900

Pandora® connection is not possible.

- Shut down the Pandora® application on the mobile device, and then launch it again.

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In-Car Receiver
DSX-GS900

General

The following messages may appear or flash during operation.

INVALID: The selected operation could be invalid.

AUDIO OUTPUT ERROR: There may be an internal malfunction.

- Check the connection. If the error message still remains on in the display, consult your nearest Sony dealer.

READ: Now reading information.

- Wait until reading is complete and playback starts automatically. This may take some time depending on the file organization.

OVER TEMPERATURE CAUTION: The thermal protector is activated.

- Reduce the volume.

_ (underscore): The character cannot be displayed.

In-Car Receiver
DSX-GS900

USB Device Playback

HUB NO SUPPORT: USB hubs are not supported.

IPOD STOP: iPod playback has finished.

- Operate your iPod/iPhone to start playback.

NOT SUPPORT ANDROID MODE

- A USB device not supporting AOA (Android Open Accessory) 2.0 is connected to the unit while [USB MODE] is set to [ANDROID].
 - Set [USB MODE] to [MSC/MTP].

USB ERROR: The USB device cannot be played.

- Connect the USB device again.

USB NO DEVICE: A USB device is not connected or recognized.

- Make sure the USB device or USB cable is securely connected.

USB NO MUSIC: There is no playable file.

- Connect a USB device containing playable files.

USB NO SUPPORT: The USB device is not supported.

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

USB OVERLOAD: The USB device is overloaded.

- Disconnect the USB device, then press SRC (source) to select another source.
- The USB device has a fault, or an unsupported device is connected.

Related Topic

- [General Setup \(GENERAL\)](#)
- [Specifications](#)

BLUETOOTH Function

BT AUDIO NO DEVICE: A BLUETOOTH audio device is not connected or recognized.

- Make sure a BLUETOOTH audio device is securely connected, or the BLUETOOTH connection is established with the BLUETOOTH audio device.

ERROR: The selected operation could not be performed.

- Wait for a while, then try again.

NO DEVICE: A mobile phone with HFP (Handsfree Profile) is not connected or recognized.

- Make sure a mobile phone with HFP is securely connected, or the BLUETOOTH connection is established with mobile phone with HFP.

NO INFO: The phone number is hidden by the caller.

NO SUPPORT: The selected operation is not allowed or supported.

- Make sure the BLUETOOTH device is supporting HFP (Handsfree Profile).

UNKNOWN: A name or phone number cannot be displayed.

In-Car Receiver
DSX-GS900

“Sony | Music Center” Operation

APP -----: A connection with the application is not established.

- Make the “Sony | Music Center” connection again.

APP DISPLAY: A screen setting display of the application is open.

- Exit the screen setting display of the application to enable button operation.

APP LIST: The contents list of the USB/iPod is open.

- Exit the list of the application to enable button operation.

APP MENU: A setting display of the application is open.

- Exit the setting display of the application to enable button operation.

APP NO DEVICE: The device with the application installed is not connected or recognized.

- Make the BLUETOOTH connection and establish the “Sony | Music Center” connection again.

APP SOUND: A sound setting display of the application is open.

- Exit the sound setting display of the application to enable button operation.

OPEN SONY APP: The “Sony | Music Center” application is not running.

- Launch the application.

SONY APP DISCNCTED: The application is disconnected.

- Make the “Sony | Music Center” connection.

Related Topic

- [Establishing the “Sony | Music Center” Connection](#)

In-Car Receiver
DSX-GS900

Pandora® Operation

BOOKMARK NOT SAVED: Bookmarking failed.

- Wait for a while, then try again.

LOG IN ERROR: You are not logged into your Pandora® account.

- Disconnect the device, log into your Pandora® account, then connect the device again.

NO DEVICE CONNECTED - CONNECT ONE AND TRY AGAIN: The BLUETOOTH device is not connected or recognized.

- Make sure the BLUETOOTH device is securely connected, or the BLUETOOTH connection is established with the BLUETOOTH device. Then, select the Pandora® source again.

NO STATIONS - PLEASE CREATE STATION - IN PANDORA APP: No stations on your account.

- Create the station on the mobile device.

NOT ALLOWED: The selected operation is not allowed.

- “Thumbs” feedback is not allowed.
 - Wait until the commercial ends.
 - Some functions, such as Shared Station, do not permit feedback. Wait until the next track begins, or select another station on the list.
- Bookmark is not allowed.
 - Wait until the commercial ends.
 - Select another track or station, then try it again.

NOT AVAILABLE - IN THIS COUNTRY: Pandora® is not available outside your country.

PANDORA ERROR: The selected operation could not be performed.

- Wait for a while, then try again.

PANDORA IS UNDERGOING MAINTENANCE - PLEASE TRY AGAIN LATER: The Pandora® server is under maintenance.

- Wait for a while, then try again.

PANDORA NOT FOUND - MAKE SURE IT'S INSTALLED - AND RUNNING: Pandora® is not on your device or is not running.

- Make sure the Pandora® application is installed and running properly. Then, select the Pandora® source again.

POOR NETWORK CONNECTION - PLEASE WAIT: The network connection is unstable or lost.

- Make the network connection again on the device, or wait until the network connection is established.

SKIP LIMIT REACHED: Skipping tracks is not allowed.

- Wait until the commercial ends, next track begins, or select another station on the list. Pandora® limits the number of skips allowed on their service.

STATION UNAVAILABLE: The selected station is no longer available or expired.

- Select another station.

THUMBS NOT RECORDED: “Thumbs” feedback failed.

- Wait for a while, then try again.

UPDATE APP AND TRY AGAIN: An old version of Pandora® is connected.

- Update the Pandora® application to the latest version.

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In-Car Receiver
DSX-GS900

SiriusXM Operation

CHANNEL LOCKED

- The channel that you have requested is locked by the radio parental control feature.
 - Select [GENERAL] → [PARENTAL] for parental control settings.

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

- 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 <https://shop.siriusxm.com/all-parts/>

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

- The entered passcode is incorrect.
 - Enter the correct passcode.
 - If you forget your passcode, perform [SXM RESET] in [GENERAL].
Note that performing [SXM RESET] will initialize all the SiriusXM settings and stored memory 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 <https://shop.siriusxm.com/all-parts/>

SUBSCRIP 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.

Related Topic

- [Setting a Parental Control](#)
- [General Setup \(GENERAL\)](#)

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In-Car Receiver
DSX-GS900

Steering Wheel Remote Control Operation

ERROR: An error occurred during the function registration.

- Register again from the function where the error occurred.

TIMEOUT: The function registration failed due to a timeout.

- Try completing the registration while [REGISTER] is blinking (about 6 seconds).
-

Related Topic

- [General Setup \(GENERAL\)](#)

Firmware Update Operation

FILE ERROR: The updater is not stored in the USB device.

- Store the updater in the USB device, then try again.

NO DEVICE: The USB device containing the updater is not connected or recognized.

- Make sure the USB device is securely connected.
- Disconnect the USB device, then connect the device again.

UPDATE ERROR PRESS ENTER: Firmware update is not completed properly.

- Press ENTER to clear the message, then try again.
During the update, do not turn the ignition to the OFF position, nor remove the USB device.

Related Topic

- [Updating the Firmware](#)

In-Car Receiver
DSX-GS900

Customer Support Websites

You can access the following customer support websites to get support information about your system.

For customers in the USA/Canada/Latin America:

<https://www.sony.com/am/support>

For customers in European countries:

<https://www.sony.eu/support>

For customers in other countries/regions:

<https://www.sony-asia.com/support>

For customers in the USA

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

1. Read Troubleshooting in this Help Guide.
2. Please contact (U.S.A. only);
Call 1-800-222-7669
URL <https://www.SONY.com>

For customers in European countries

Register your product online now at:

<https://www.sony.eu/mysony>

In-Car Receiver
DSX-GS900

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<https://sony.net/SBS>

Visit the “Support by Sony” website at sony.net/SBS, and bookmark the model name of the unit, “DSX-GS900”, when you visit the website.