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Pioneer

operating instructions

Bluetooth/USB/Tuner•DSP main unit

MVH-5500

ÿRequest for customer registration In order to receive product information, we ask that you register as a customer. Registration can be done on our website. Please access the following URL to register.
http://pioneer.jp/support/members/
Please note that the information written on the warranty card will be required at the time of registration, so please have the warranty card ready. Important notices regarding the safety of this product will be sent to customers who have registered as customers. Please be sure to register.

Bluetooth®

Made for iPhone

Thank You for Your Purchase

ÿÿ Please read this manual carefully before use and operate the product correctly according to the instructions. Please use it.
ÿÿ Please keep this manual in your car so as not to lose it.

carrozzeria

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Safety Precautions

(Please be sure to follow these instructions to ensure safe use.)

We explain the precautions you must take to prevent injury to yourself or others, and damage to property.

ÿ The following symbols classify and explain the degree of harm or damage that may occur if the product is used incorrectly, ignoring the displayed instructions.

caveat	"Content that is likely to result in death or serious injury to persons."
Note	This is "content that is likely to cause minor injury to persons or content that is likely to cause only property damage."

The types of **precautions** you should take are categorized and explained using the following symbols.

vinegar.

This indicates matters requiring attention (including warnings).	This is a mandatory procedure that you must follow.
This is about prohibitions (things you must not do).	

AU-001-002

Connection and installation

caveat

禁止

This unit is designed for use in DC12Vÿground vehicles only.
Do not use it in 24V vehicles. It may cause a fire or breakdown.

Do not install or wire in locations that may interfere with the operation of the airbag. If installing in a vehicle
equipped with an airbag, check with the vehicle manufacturer for installation precautions. Otherwise, the airbag may malfunction and cause a fatal accident.

Do not install the product in a location that may obstruct forward visibility or obstruct driving operations, or that may endanger passengers, as this
may result in traffic accidents or injuries. Do not cut
the power cord insulation to power other devices. If the power cord exceeds its current
capacity, it may result in fire, electric shock, or breakdown.

Do not use bolts or nuts from safety parts (steering, brakes, tanks, etc.) for installation. Doing so may result in braking failure, fire, or traffic accidents. Do not

attach the antenna in a location that does not comply with safety standards, or reattach it or use
general-purpose double-sided tape. Doing so may result in poor visibility or the antenna coming off, causing an accident.

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caveat



強制

For safety reasons, always ask your dealer to install, wire, or change the installation location.

Installation, wiring, and removal require specialized skills and experience. Incorrect installation, wiring, or removal may cause serious damage to your vehicle. Also, installing or wiring by yourself may result in injury.

Before starting work, disconnect the negative battery terminal. This can cause a short circuit in the positive and negative paths, which can result in electric shock or injury.

Before starting work, check the positions of pipes, tanks, electrical wiring, etc. If you are drilling holes in the vehicle body to install the product, be careful not to interfere with or come into contact with pipes, tanks, electrical wiring, etc. Also, take measures to prevent rust and water from entering the processed parts.

caveat



強制

Always use the included parts and secure them securely. Using parts other than those provided may damage internal components or may not be able to be securely fastened, causing them to come off and interfere with operation, resulting in an accident or injury.

Connect and install according to the instructions . Failure to follow the instructions when connecting or installing the product may result in a fire or breakdown.

Insulate the uncovered parts of the cord with tape, etc. Otherwise, a short circuit may result, causing a fire, electric shock, or breakdown. Wire the cord so that it is not pinched by moving parts such as the body, screws, or seat rails . Otherwise, a break or short circuit may result, causing a fire, electric shock, or breakdown.

Fix the cords so that they do not interfere with driving operations. If they get wrapped around the steering wheel, selector lever, brake pedal, etc., it may cause an accident. After completing the installation and wiring, check that the electrical equipment is back to normal operation. If it is used in an improper state, it may cause a fire, electric shock, or a traffic accident.

Keep screws and other small parts out of the reach of small children. If they are swallowed accidentally, consult a doctor immediately.

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⚠Note



Do not install in a location exposed to direct sunlight or hot air from a heater.
This may cause the internal temperature to rise, resulting in a fire or

breakdown. Do not install the antenna or monitor in an unstable location .
This may cause the unit to fall.

Do not block the ventilation holes or
heat sink. This can cause heat to build up inside the unit, resulting in a

fire or breakdown. Never cut off any cords. Some
cords contain fuses, which can disable the protection circuit and cause a fire.

Do not allow the wiring of the cords to come into contact with hot parts of the vehicle, as this may cause a fire or

electric shock. Do not connect the power lead wire included with the product
directly to the battery, as this may cause a fire or
electric shock. If the current is insufficient and you wish to take power directly from the battery, use a dedicated wiring kit.

Cables without branch
wiring may overheat and cause a fire or electric shock.

Do not install in places where it may be exposed to rain, water, condensation, dust, or oily smoke . This may
cause smoke, fire, or malfunction.

⚠Note



Do not allow the cord to come into contact with metal parts. If the cord
comes into contact with metal parts, it may be damaged and cause a fire, electric shock, or malfunction. Install the antenna and

camera in a location that does not extend beyond the width of the vehicle or the front and rear of the vehicle. If the
antenna and camera come into contact with pedestrians, etc., it may cause an unexpected accident.

When pulling antenna cables etc. into the vehicle, be careful not to let rainwater get
inside. If rainwater gets inside the vehicle, it may cause a fire or electric shock.

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How to use

caveat


禁止

Drivers who do not operate the device while driving may become distracted and cause a traffic accident. Always stop the vehicle in a safe place before operating the device. Do not insert hands, fingers, or foreign objects into the media insertion slot. This may result in injury, electric shock, fire, or malfunction. Do not wet the device with liquids. This may result in smoke, fire, or electric shock. Please be especially careful in homes with children. Do not leave remote controls or other items lying around. When the vehicle is stopped or when turning a corner, the remote control or other items may roll under your feet and get stuck under the brake pedal, interfering with driving and causing a traffic accident.

Do not use the product if it is malfunctioning or malfunctioning, such as the screen not displaying anything, there being no sound, or the sound is distorted or cracked . Doing so may result in an unexpected accident, fire, or electric shock.


接触禁止

If thunder begins to rumble, there is a risk of electric shock from lightning if you are not touching the antenna cord or this unit.


分解禁止

Doing so may result in traffic accidents, fire, or electric shock.

caveat


強制

When replacing the fuse, always use a fuse of the specified capacity (amperes). Using a fuse with a capacity exceeding the specified capacity may result in fire or malfunction.

Note


禁止

Do not use this unit for any purpose other than in a vehicle as this may result in smoke, fire, electric shock or injury.

Do not touch the amplifier's heat sink as this may result in burns.


強制

The volume should be set at a level that allows you to hear sounds outside the vehicle. Driving without being able to hear sounds outside the vehicle may result in a traffic accident.


指のケガに注意

When storing or adjusting the angle of the monitor, be careful not to get your hands or fingers caught in the monitor as this may result in injury.

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Use batteries correctly

caveat



To prevent accidents, keep batteries out of reach of small children . If a child swallows a battery, seek medical attention immediately. Pay attention to the polarity (ÿ, ÿ) of the battery. Inserting the battery with the wrong polarity as indicated may cause explosion or leakage, resulting in injury or contamination of the surrounding area. If battery leakage occurs and the battery comes into contact with skin or clothing, rinse with clean water. If the battery gets into eyes, rinse with clean water and consult a doctor immediately.

Note



Do not short-circuit, disassemble, heat or place in fire or water. Doing so may cause the battery to explode or leak, resulting in a fire or injury.

Do not recharge batteries . Doing so may cause injury due to battery explosion. Do not use batteries other than those specified, or mix new and old batteries. Doing so may cause battery explosion or leakage, resulting in injury or contamination of the surrounding area.

Note



Replace used batteries immediately . Leaking batteries may cause contamination of the surrounding area. Store the remote control away from direct sunlight, high temperatures, and high humidity.

This may cause the case to deform, or the internal batteries to explode or leak.

Inquiry in case of abnormality

caveat



If any abnormality occurs, immediately stop using the product and be sure to consult your dealer or service center. If you continue to use the product, it may result in an unexpected accident, fire, or electric shock.

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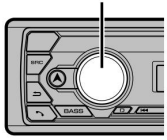
Points Guide

This section explains the most commonly used operations on this unit and the operations that are frequently inquired about.

Rotary Commander

Use the rotary commander to perform various operations on this unit.

Rotary Commander



For example, you can do the following:

• Turn the rotary commander to select your favorite song. • Turn the rotary commander to adjust the volume. • Turn the rotary commander to select a menu and press it. Decide

In this manual, the Rotary Commander is represented as .

clock

Here's how to set the clock.

Setting the clock when you turn the power on for the first time

1. Turn the engine switch to ACC or ON. The setup menu will be displayed.
2. Turn to set the hour, then press .
3. Turn to set the minutes, then press .
4. When [USB CON N. SET] is displayed, connect your iPhone or smartphone (Android) to this unit with a USB cable and press .
   • After [USB CON N. SET] is displayed, a message guiding you to download Pioneer Smart Sync will be displayed on your iPhone or smartphone (Android).
   • Connect this unit to your iPhone or smartphone (Android) If not, press .
5. When [QUIT :YES] is displayed, press .
6. Press and hold the SRC/OFF button to turn the power off.

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Setting the clock after starting to use the unit

If you have Pioneer Smart Sync installed on your iPhone or Android smartphone and are connecting this unit, the time setting screen will not be displayed as the time will be synchronized with the time on your iPhone or Android smartphone. You can also set the time using the following procedure.

1. Press to display [MENU].
2. Turn to select [SYSTEM] and press
3. Turn to select [CLOCK SET], then press
4. Turn to switch between [12H]/[24H] and press
5. Turn to set the hour, then press
6. Turn to set the minutes, then press
7. Press and hold BAND/ to return to the normal playback screen.

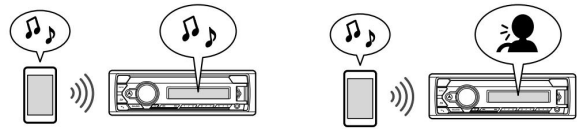
■ Displaying the clock when the power is turned on

1. Press the SRC/OFF button to select the source.
2. Press the DISP/TI button and select [CLOCK]. The source name and clock will be displayed.

■ Displaying the clock when the power is turned off Press the DISP/TI button to switch between displaying and not displaying the clock. If the demo screen is [ON], set it to [OFF].

Bluetooth

You can connect a Bluetooth device to this unit to listen to music wirelessly and make hands-free calls.



Connecting a Bluetooth device

Register the Bluetooth device on this unit and connect.
If you are using a source other than BT AUDIO, APP or iPhone, steps 1 to 4 are not necessary. Start from step 5.

1. Press to display [MENU].
2. Turn to select [SYSTEM] and press

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3. Turn to select [APP CONTROL], then press

4. Turn to select [BLUETOOTH], then press

5. Press the button to display the PHONE menu. If this is the first time you are registering a Bluetooth device, [ADD DEVICE] will be displayed and the device will search for nearby Bluetooth devices.
   Proceed to step 7.

6. Turn to select [ADD DEVICE], then press . The unit will search for nearby Bluetooth devices.

7. Turn to select the Bluetooth device you want to register, and then press

8. The 6-digit number displayed on this unit and the Bluetooth device is the same. Verify that

9. Select [YES] on this unit and the Bluetooth device.
   If you are asked to enter a passcode on the Bluetooth device, enter "0000".

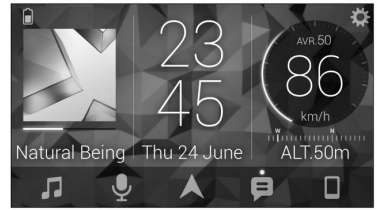
Using Pioneer Smart Sync

You can operate this unit by installing Pioneer Smart Sync on your smartphone (Android) or iPhone.



Pioneer Smart Sync allows you to do the following:

The following screens and operations are examples.



• Select the source for this unit. • Play music from your iPhone or smartphone (Android) on this unit.

Listening • Adjusting the sound quality of this unit • Setting the illumination color of this unit • Controlling Bluetooth devices registered to this unit By connecting to Pioneer Smart Sync, you can perform the following operations and set the following functions. • Navigation

You can launch a navigation app installed on your iPhone or smartphone (Android).

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• Read messages aloud
You can read out messages received using the iPhone or smartphone (Android) app. • 31-band equalizer settings • Super 'Todoroki'
Sound settings that reproduce dynamic
bass • Easy Sound Fit Time alignment settings can be made according to the
vehicle model.

• Theme Settings
You can set colors and wallpaper to match the screen, display characters, and operation keys.

• The above settings are just an example. For your iPhone or smartphone (Android) Depending on the application installed on the device, it may not be possible to set this. • The 31-band
equalizer setting is valid when you select the APP source and use an iPhone or smartphone (Android). When using other sources, it will be converted to a 13-band equalizer.

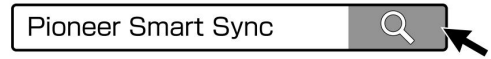
Install Pioneer Smart Sync

Download Pioneer Smart Sync from Google Play™ or the App Store.





If you want to enter a search keyword, we recommend you enter "Pioneer Smart Sync".



• If you are using an iPhone, you need iOS 10.3 or later.

vinegar

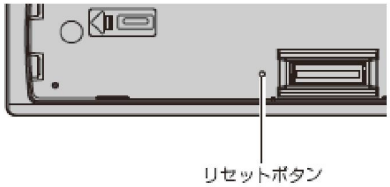
• If you are using a smartphone (Android), it must be running Android OS 5.0 or higher.

Resetting the unit

Reset the unit by removing the front panel and pressing the reset button with a tool that is 8 mm or thinner (such as a toothpick) in the following cases: • After all connections have
been completed. • When the
unit does not operate correctly.

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- When the display does not display properly.
- After resetting, attach the front panel.



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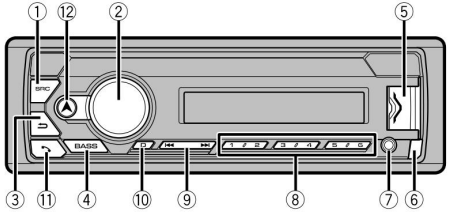
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Names and functions of each part

Main unit



name	function
ÿ SRC/OFF button	Press to turn the power ON. Press and hold to turn the power OFF. When the power is ON, each press will switch the source (P21).
ÿ Rotary Commander	Turn left or right to adjust the volume. When Pioneer Smart Sync connection is possible, press and hold to start connection. • This operation is possible when the unit is turned on. • Connect a smartphone (Android) via USB. Except when When a list or menu screen is displayed, turn left or right to select an item and press to confirm.

name	function
ÿ BAND/	When displaying the USB/BT AUDIO list: If there is a folder one level above, press to return to the previous list (the folder one level above). Press and hold to return to the playback screen. If there is no folder one level above, press to return to the playback screen. When displaying the menu screen or alphabetical search screen for item lists: Returns to the previous screen. When receiving radio: Changes the band. When displaying a station list, returns to the normal reception screen (if no operation is performed for 30 seconds, the screen will automatically return to the normal playback screen). When the MIXTRAX production screen is displayed: The display will be temporarily canceled and the normal screen display will be displayed. When using BT AUDIO source: Press on the playback screen to start playback. When using voice recognition mode: Press to cancel voice recognition mode. When playing a USB with multiple mass storage class memory devices: When using the normal playback screen or when displaying the clock with the power turned off: Changes the brightness of the display at night. (Dimmer setting) Press and hold the button to switch between ON and

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name	function
ÿ BASS Button Turns Bass Beat Blaster on/off	You can.
ÿ USB port USB devices, iPhone, MTP/AOA compatible	Connect your Android™ device. ÿ
Detach button Removes the front panel.	
ÿ AUX input terminal Connect an external device (AUX).	• Use a 3.5 mm ÿ stereo mini jack. So lame. • Turn [AUX] in the system menu to [ON], then Please use it.
ÿ 1/ (up) button	When pressed during USB (MSC, MTP connection) source, switches to the next folder. When using USB source, press and hold to Return to 01 (ROOT). This button is not available for AOA connections.
2/ (Down) button	When pressed with a USB (MSC, MTP connection) source, it switches to the previous folder. This button is not available for AOA connections.
3/MIX button	When the USB (MSC connection) or APP source (iPhone connected via USB) is selected, pressing this button switches the MIXTRAX function ON/OFF. This button is not available for MTP/AOA connections.
(Play/Pause) button	When the source is USB/iPhone, BT AUDIO or APP, press to play/pause.

name	function
5/ (Random) button	When the source is USB (MSC, MTP connection), iPhone, BT AUDIO, or APP, press this to turn random play ON/OFF. This button is not available for AOA connections.
6/ (Repeat) button	When the source is USB (MSC, MTP connection), iPhone, BT AUDIO, or APP, pressing this button switches the playback range setting. This button is not available for AOA connections.
When using as a preset button: • If you register a station to each button, pressing the button during radio reception will play the station. • If you register a phone number to each button, pressing the button during the Phone menu will display the phone number registered to the preset button. Pressing the button will allow you to make a call.	

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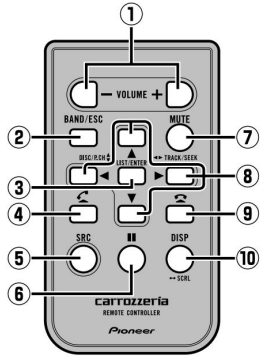
name	function
ÿ /ÿ Button	When receiving radio: Press to manually select a frequency, and each time you press, a frequency will be sent. Press and hold to automatically send a frequency until a receivable station is found. Press and hold to skip stations and resume automatic selection from the point where you released the button. To select a preset channel (a registered station), set the button operation setting to "PCH" (☞P27). In this case, stations will be selected in the order of the preset numbers. When receiving traffic information: Switches between 1 620 kHz and 1 629 kHz. When playing from USB/ iPhone: Press to switch songs. Press and hold to fast forward/rewind.
ÿ DISP/TI button Switches the display of information about the currently playing song, the clock, etc.	When the power is off, press to switch between displaying and hiding the clock. Press and hold to receive traffic information broadcast on expressways, etc.

name	function
ÿ Button When playing source:	Press to display the PHONE menu (☞P34). When registering a Bluetooth device for the first time, [ADD DEVICE] will be displayed and the device will search for nearby Bluetooth devices. Press and hold to enter voice recognition mode (☞P37). During hands-free incoming call/call: Press and hold to reject an incoming call/press to end a call (☞P35).
ÿ Button	When Pioneer Smart Sync is connected, press to switch between iPhone and Android smartphones. Launch the NAVI app. When Pioneer Smart Sync is not connected, press The message [CONNECT APP] appears, informing you how to connect to Pioneer Smart Sync. Press and hold to display a list of track names/file names/ folder names.

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Remote Control

You can operate this unit using the remote control.



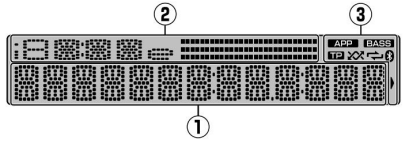
name	function
ÿ VOLUME button	Adjust the volume.
ÿ BAND/ESC button	During radio reception/iPhone playback/BT AUDIO playback: When pressed, it works the same as ÿ on the main unit. Press and hold to return to folder 01 (ROOT) (only when playing compressed audio). During USB playback: Press and hold to return to folder 01 (ROOT) (only when connected to MSC).

name	function
ÿ LIST/ENTER Button	Displays a list of song names/file names/folder names.
ÿ OFF HOOK button	When you receive a hands-free call, press this to connect the call.
ÿ SRC (SOURCE) button	It has the same function as ÿ on the main unit.
ÿ (Pause) button	Pauses playback.
ÿ MUTE button	When it is difficult to hear conversations in the car, you can instantly mute the sound. Press again to turn off the sound.
ÿ / / / button	The button works the same as button ÿ on the main unit when playing from a USB or iPhone. When receiving radio, the frequency is sent each time the button is pressed. If you press and hold the button, the frequency is sent automatically until a receivable station is found. / buttons are used to list various menu items. You can select. Press the button to confirm the item, and press the button to return to the previous screen. When receiving radio, press to select the station in the order of the preset numbers. Press and hold to advance through the preset numbers, and select the preset number where you release the button. Press during hands-free calling to adjust the volume for the other party.
ÿ ON HOOK button	Press this button during a hands-free call to reject the call.

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name	function
ÿ DISP/SCRL button	It works the same as pressing ÿ on the main unit. However, there is no function for pressing it for a long time.

display



name	function
ÿ Main display Displays	different information depending on the source, media, compression format, etc. Only half-width alphanumeric characters are supported for display. Radio: Band and frequency WMA/MP3/AAC/WAV/FLAC, iPhone: Track number and elapsed playing time Various menus: Displays various settings, etc. Masu.
ÿ Sub display area Displays	the clock, the selected source name, menu name, etc. etc. will be displayed.

name	function
ÿ Indicator display section	: Lights up during random play. (Does not light up during BT AUDIO play.) : Lights up during repeat play. (Does not light up during BT AUDIO play.) : Lights up when there is a lower level in the menu display. : Lights up when a Bluetooth device is connected. : BASS Lights up in the following cases. •When you press the BASS button. - When [BASS BEAT] in the AUDIO menu is set to anything other than [OFF]. APP : Lights up when connected to Pioneer Smart Sync.

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Before Use

To prevent the battery from running out

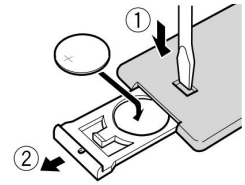
When using this unit, be sure to have the car engine running. Even
if the power of this unit is turned off, do not leave the ignition switch in the ON (or ACC) position for a long period of time with the car engine off. This may cause the battery to run out.

Preparing the remote control

Prepare to use the included remote
control. The batteries are pre-installed. Before use, remove the film protruding from the battery holder. When the operating range of the remote control becomes limited, replace the batteries with new ones.

How to replace the battery

Turn the remote control over, pull out the battery holder and remove the old battery. Insert the new lithium battery (CR2025) with the + side facing up.



• The included battery cannot be recharged.

• If you will not be using the remote control for a long period of time, remove the batteries. Keep the removed batteries out of the reach of small children. • When disposing of batteries that are no longer needed, dispose of them in accordance with the instructions (ordinances) of your local government. • Do not place the batteries included with this unit in a location exposed to excessive heat, such as sunlight or fire.

Please do.

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Common operations

Source switching

The source is the audio source such as USB or radio that can be switched by pressing the SRC/OFF button. The sources that can be switched are as follows: • RADIO (FM/AM) • APP
• USB/USB MTP
• iPhone
• AUX
• BT AUDIO

- When an iPhone or smartphone (Android) is connected via USB or Bluetooth, the source that uses Pioneer Smart Sync is the APP source.

- When an iPhone is connected via USB or Bluetooth, the source used is the iPhone source. • When an Android smartphone is connected via USB, the source used is the USB(AOA) source.

1. Press the SRC/OFF button to turn on the unit.

2. Press the SRC/OFF button to switch the source.

If you set [USB MTP] in the system menu to [ON], the following sources cannot be used:
• iPhone • USB (when connected to AOA) • APP

Function menu operations

You can use convenient functions according to the currently selected source.

1. Press to display [MENU].

2. Turn to select [FUNCTION], then press.

3. Turn to select the function, and press to confirm or change the setting.

Feature Name	How it works
BSM	The radio can automatically search for and register stations with good reception. Registered stations can be easily tuned in (P27).
SEEK	You can set the behavior of ⏮ ⏭ buttons when using RADIO source (P27).
SEL DEVICE	Select the device to connect.
PLAY	BT AUDIO playback will begin.

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Feature Name	How it works
STOP	BT AUDIO playback will stop.

• The available functions vary depending on the source.

When the operation or settings are complete

When you have completed the operation or settings, press and hold the BAND/
button to return to the normal playback screen.

Listen to music [USB] [iPhone]

■ Use of USB devices

• To switch between MTP and AOA connections, use the connection mode settings (P42). • MTP-compatible smartphones (Android) (Android OS 4.0 or later) can be connected via MTP using the USB source. Connect using the cable that came with the Android smartphone. However, playback may not be possible depending on the connected device, the number of files stored on the device, and the audio files.

• The unit will read information from the connected USB device. During this time, the screen will show “FORMAT READ”. Depending on the amount of data on the USB device, it may take some time before playback begins. • If the USB device has a battery charging function, the engine speed The battery in the USB device will be charged when the switch is set to ACC or ON. • Do not turn off the power or switch to another source while the USB device is connected. • You can remove the USB device at any time. • You can also end playback by removing the USB device.
Masu.

• Before connecting a USB device, open the USB port cover.
Sai.

Machine Translated by Google

■ Regarding iPhone use

• Disconnect the headphones from the iPhone before connecting them to this unit.
So lame.
• For precautions when using an iPhone and iPhone settings,
see page 69. • You cannot
switch to another source while the iPhone is connected.
• You can
remove the iPhone at any time. • When the engine
switch is in the ACC or ON position,
Your iPhone's battery will be charged.

Show title and artist name [USB] [iPhone]

You can display the track title, disc title, artist name, etc.

1. Press the DISP/TI button to switch the display.

When playing a USB

• TRACK INFO (Track title/track art)
• FILE INFO (File name/Folder
name)* • ELAPSED TIME (Track number/
Elapsed playback time) • CLOCK (Source name/Clock
display) • SPEANA (Spectrum
analyzer display)

*The display will change automatically.

When playing an iPhone

• TRACK INFO (song name/artist name/album title)
Yitol)ÿ
• ELAPSED TIME (Track number/Elapsed playback time) •
CLOCK (Clock display) •
SPEANA (Spectrum analyzer display)

*The display will change automatically.

• If the title name, etc. is not recorded, when you switch the display,
"NO TITLE" or "NO NAME" will be displayed.
• Depending on the application used to encode/write the file, the file
name may not be displayed correctly. • When encoding a WAV
file using WMP11,
You can display the file names of WAV files, etc. •
Depending on the version of iTunes used to burn MP3 files, file names,
etc. may not be displayed correctly. • If characters that this
unit cannot display are recorded on the iPhone, those characters will
not be displayed.

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2. When you have finished the operation, press and hold the BAND/ button.

Return to the playback screen.

Find and play the song you want to listen to

Search for songs and folders by title ÿUSBÿ

During playback of compressed audio, you can select the track, file or folder you want to listen to by viewing a list of track numbers, song names, file names and folder names (Track/File/Folder List).

1. Press and hold the button to display the track number and track/file/ folder list.

2. Turn to switch between track numbers, song titles, file names, and folder names.

3. When a folder is displayed, press to select a folder within the folder.

Viewing folders/files

4. When you find the track/song/file you want to play,

Press

• The folder/file list is always displayed from the top/ROOT. • When a folder is displayed, press and hold to play from the first track in the folder.

• This will not be displayed if your smartphone (Android) is connected via AOA. • If there are no playable files in the folder, "NO FILES" will be displayed.

can be done.

It won't play when you press

Repeated playback (Repeat Play) [USB] [iPhone]

1. Press the 6/ button to switch the playback range.

When playing a USB device

Feature Name	How it works
ALL	Repeat all songs.
ONE	Repeat the song you are currently listening to.
FLD	Repeat the folder you are currently listening to.

When playing an iPhone

Feature Name	How it works
OFF	Do not repeat playback.
ONE	Repeat the song you are currently listening to.
ALL	Repeat all songs in the current listening list.

• The playback range you select affects the playback range for random play.

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• Folder repeat only plays the songs in the folder you are playing. Songs in subfolders will not be played.
• This will not be displayed if your smartphone (Android) is connected via AOA.

Playing songs in a different order (random play) ÿUSBÿ

The range selected in Repeat Play will be played randomly.

1. Press the 6/ button to select the range for random play.
   R

2. Press the 5/ button to play the next track randomly. Press the 5/ button again to turn off random play.

• If the playback range is set to Track Repeat and the Random Play setting is turned ON, the playback range of the compressed audio will switch to Folder Repeat and random play will be performed.
• To change songs during random play, press the button to switch. Pressing the button will return to the beginning of the song currently being played.
• This will not be displayed if your smartphone is connected via AOA.

Playing songs in a different order (Shuffle Play) [iPhone]

1. Press the 5/ button to switch the random setting.

Feature Name	How it works
OFF	Do not play randomly.
ON	Play randomly.

Select a folder

When playing compressed audio, you can select a folder.

■ Press the 1/ button to select the next folder . Press and hold to return to Folder 01 (ROOT). If there are no files in Folder 01 (ROOT), playback will start from the next folder.

■ Select the previous folder

Press the 2/ button.

• When a smartphone (Android) or USB device is connected via AOA/MTP cannot be operated.

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Selecting a song/file

■ Press the button to select the
▶▶Inext song/file .

■ Press the button to
I◀◀select the previous song .

Fast forward/rewind

■ Press and hold
▶▶Ithe button to fast forward .

■ Rewind
I◀◀Press and hold the button.

• When fast forwarding or rewinding a compressed audio file, no sound is heard.
It is not enforced.
• Fast forward/rewind a file recorded in VBR (Variable Bit Rate)
the elapsed playback time may not be displayed correctly.

Pause playback

4/ ▶／▌▌ Press the button to pause.
Press again to resume playback.

Listen to the radio
[RADIO]

Select a station and listen to the radio

Manually switch frequencies to search for stations.

1. Press the SRC/OFF button and select [RADIO]

2. Press the BAND/ button to select FM-1/FM-2/AM-1/
Select AM-2

3. I◀◀ Press ▶▶I the / button to search for a station

• Depending on the connection status of the antenna control cable of this unit, you may not be able to receive radio signals.
• I◀◀ Press and hold the / button to automatically send frequencies until a receivable station is found. Press and
• I◀◀ hold ▶▶I / button to skip stations and resume automatic tuning from the point where you release the button.
• Press the DISP/TI button to switch the display as follows:

vinegar.

– FREQUENCY (Band name/frequency display) –
CLOCK (Source name/clock display) –
SPEANA (Spectrum analyzer display)

Machine Translated by Google

Registering frequently listened to stations

You can use the 1/ to 6/ buttons to register your favorite stations (preset channels). Registered stations can be tuned in easily.

■ Registering stations one by one

1. Press the BAND/ button to select the band.
2. Press the / button to search for a station
3. Press and hold the 1/ to 6/ buttons to register a station. The preset number flashes during the registration process. When registration is complete, the preset number stops flashing and the station is received.

■ Automatically registering multiple stations

You can register six stations with good reception for each band.

1. Press the BAND/ button to select the band.
2. Press to display [MENU].
3. Turn to select [FUNCTION], then press
4. Turn to select [BSM], then press
5. Press to start automatic registration.
   When registration is complete, the station registered in number 1 will be received.

• If there are less than six stations with good reception, the previously registered content will remain. This may be the case.

Setting the channel selection button operation

If you want to select a registered station (preset channel) using the / buttons, set the operation in the function menu.

1. Press to display [MENU].
2. Turn to select [FUNCTION], then press
3. Turn to select [SEEK], then press
4. Press to switch the setting.

Feature Name	How it works
MAN	Select a station manually.
PCH	Switches the registered stations.

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Pioneer Smart Sync Using the APP

Pioneer Smart Sync is an iPhone or smartphone
This is application software to be installed on Android.
Pioneer Smart Sync allows you to configure the unit and more detailed function settings.

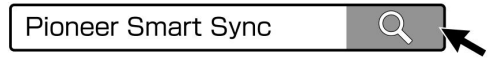
To connect Pioneer Smart Sync, the following steps are required:

Step 1: Install Pioneer Smart Sync on your iPhone or smartphone (Android).
Step 2: Set up the connection method between this unit and your iPhone or smartphone (Android).
Step 3: Set up automatic startup of Pioneer Smart Sync.
Step 4: Connect this unit to your iPhone or smartphone (Android).
Step 5: Launch Pioneer Smart Sync.

Installing Pioneer Smart Sync

You can operate this unit using Pioneer Smart Sync installed on your iPhone or smartphone (Android). For details on how to operate it, refer to the Pioneer Smart Sync help.

Download Pioneer Smart Sync from Google Play™ or the App Store. If you enter a search keyword, we recommend you enter "Pioneer Smart Sync".



• If you are using an iPhone, you need iOS 10.3 or later. • If you are using an Android smartphone, you need Android OS 5.0 or later.
It is necessary to upload.
• Operating a mobile device while driving is subject to penalties. Always stop the vehicle in a safe place before operating a mobile device.

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Setting the connection method

1. Press to display [MENU].
2. Turn to select [SYSTEM] and press.
3. Turn to select [APP CONTROL], then press.
4. Turn to select the connection method, then press.

Feature Name	How it works
WIRED	Connecting with a USB cable
BLUETOOTH	Connect via Bluetooth

5. Press and hold the BAND/ button to return to the playback screen.

Setting Pioneer Smart Sync to start automatically

Set this if you want Pioneer Smart Sync to start automatically. If you are using a smartphone (Android), be sure to set this.

1. Press to display [MENU].
2. Turn to select [SYSTEM] and press.
3. Turn to select [AUTO APP CONN], then press.
4. Turn to select [ON] and press.
5. Press and hold the BAND/ button to return to the playback screen.

• Set [USB MTP] in the system menu to [OFF]. • If [AUTO APP CONN] is set to [OFF], the unit cannot connect to Pioneer Smart Sync on a USB-connected smartphone (Android).

Connect

Connecting with a USB cable

Connect this unit to your iPhone or smartphone (Android) using a USB cable.

If Pioneer Smart Sync is set to start automatically, it will start automatically.

• When connecting via USB, the separately sold CD-IU010, CD-U320 or CD-U510 cable is required. • Pioneer Smart Sync cannot be used with a USB cable for charging only.

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Connect via Bluetooth

Please refer to page 30 to connect via Bluetooth.
If Pioneer Smart Sync is set to start automatically, it will start automatically.

Start the operation

This step is not necessary if you have set Pioneer Smart Sync to start automatically.

1. Launch Pioneer Smart Sync
   You can press and hold to start the operation.

• If your smartphone (Android) is connected with a USB cable, you may not be able to press and hold to start an operation. • When you start Pioneer Smart Sync on your iPhone, it will connect to this unit.

iPhone or smartphone Listen to music (Android)

This is effective only when [USB MTP] in the system menu is set to [OFF].

1. Press the SRC/OFF button to select [APP].

Using Bluetooth devices

Connecting a Bluetooth device

A Bluetooth connection is required to listen to BT AUDIO, operate hands-free, or operate this unit with an iPhone or smartphone (Android). For information on how to operate the device, refer to the instruction manual for the device.

• Bluetooth devices can be registered easily by having the device to detect this unit.
• This unit supports the following Bluetooth profiles.
– GAP (Generic Access Profile) – SDAP (Service Discovery Application Profile) – HFP (Hands Free Profile) ver. 1.6 – PBAP (Phone Book Access Profile) – A2DP (Advanced Audio Distribution Profile) – AVRCP (Audio/Video Remote Control Profile) ver. 1.5 – SPP (Serial Port Profile) ver. 1.1

Registering/connecting a Bluetooth device

To use a Bluetooth device, you must register the device with this unit.
Up to 10 Bluetooth devices can be registered.

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1. Press the button to display the PHONE menu. If this is the first time you are registering a Bluetooth device, [ADD DEVICE] will be displayed and the device will search for nearby Bluetooth devices.
   Proceed to step 4.

2. Turn to select [ADD DEVICE], then press . The unit will search for nearby Bluetooth devices.

3. Turn to select the Bluetooth device you want to register, and then press

   • Press and hold to switch between the device name (equipment name) and device address.
   • If the desired Bluetooth device is not displayed, select “RE-SEARCH”.

   • Depending on the Bluetooth device you are using, it may not be possible to search for it from this unit. In this case, register it from the Bluetooth device.
   • Press again during the search to stop the search. • If 10 Bluetooth devices have already been registered to this unit, "DEVICE FULL" is displayed.
   • If no Bluetooth devices that can be registered are found, “NOT FOUND” will be displayed.

4. Check that the six-digit number displayed on this unit and the Bluetooth device is the same.

5. Select [YES] on this unit and the Bluetooth device.
   When registration is complete, "PAIRED" will appear on the display of this unit.

   • If you are asked to enter a passcode on the Bluetooth device, Please operate the Bluetooth device and enter the passcode. The passcode is "0000".

■ Check the Bluetooth device information of this unit You can check the device name and device address of this unit. To use this function, the Bluetooth device must be registered with this unit.

1. Press the button to display the PHONE menu.

2. Turn to select [DEV.INFO] and press

3. Turn to switch the device information.

Switching the connected Bluetooth device

If multiple Bluetooth devices are registered,
You can display a list of Bluetooth devices and switch the connection destination.

1. Press the button to display the PHONE menu.

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2. Turn to select [DEVICELIST] and press

3. Turn to select the Bluetooth device you want to connect to.



• Press and hold to switch between the device name (equipment name) and device address. You can change it.

4. Press to switch



• Up to two Bluetooth-enabled mobile phones can be connected at the same time. • When the Bluetooth device is switched over, an * will be displayed on the device.

Deleting a registered Bluetooth device

1. Press the button to display the PHONE menu.

2. Turn to select [DEL DEVICE] and press

3. Turn to select the Bluetooth device you want to delete.



• Press and hold to switch between the device name (equipment name) and device address. You can change it.

4. Press A confirmation screen will appear.

5. Press to delete the Bluetooth device.

listen to music

You can use the Bluetooth audio function on this unit with a Bluetooth device.
You can connect up to five Bluetooth-enabled audio devices at the same time and switch between them by playing music from each device.
If you want to connect two or more devices, register the Bluetooth-enabled audio devices using the following procedure.

1. Press the SRC/OFF button to select the [BT AUDIO] source. do

2. Press to display [MENU]

3. Turn to select [FUNCTION] and press

4. Turn to select [SEL DEVICE] and press

5. Turn to select the Bluetooth-compatible audio device, and then press



Depending on the conditions of use, it may not be possible to connect up to five devices or playback may not be possible.

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The following operations are the same as for "Listen to Music [USB] [iPhone]". (P35) •
Select a folder • Select
a song/file • Fast forward/
rewind • Pause
playback

- When using a Bluetooth-enabled device as a BT AUDIO source for the first time To use this function, you must first register the Bluetooth-enabled device on this unit (P39).
- When using a BT AUDIO source, the [BT AUDIO] setting in the system menu must be set to ON (P41).
- BT AUDIO supports the following Bluetooth profiles.
  – A2DP (Advanced Audio Distribution Profile)
  – AVRCP (Audio/Video Remote Control Profile) ver. 1.5 • Operations

and behavior may vary depending on the connected Bluetooth device. Please also refer to the instruction manual for the Bluetooth device.

Search for the song you want to listen to

- To display the list, the Bluetooth-enabled device must support AVRCP ver. 1.4 or higher. Please check with the device manufacturer for compatibility.
- When alphanumeric characters are sent from a Bluetooth-enabled device, they are displayed in a list. Japanese characters cannot be displayed.

1. Press and hold the button
2. Turn to select an item and press
   Narrow down the items as necessary.
3. When you find the song you want to play, press

Play

1. Press to display [MENU].
2. Turn to select [FUNCTION], then press
3. Turn to select [PLAY], then press
4. Press to start playback.

Stop playback

1. Press to display [MENU].
2. Turn to select [FUNCTION], then press
3. Turn to select [STOP], then press
4. Press to stop playback.

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Repeated playback

1. Press the 6/ button to repeat playback. Press again to cancel.

Operation will vary depending on the connected Bluetooth device.

Playing songs in a different order (random play)

1. Press the 5/ button to play in a different order. Press again to cancel.

- Operation differs depending on the connected Bluetooth device.
- To change the song during random play, press the button to switch. Pressing the button will return to the beginning of the song currently being played.

Switching the display

You can display the track title, artist name, etc.

1. Press the DISP/TI button to switch the display.

> • DEVICE INFO (A2DP streaming playback device) • TRACK INFO (track title/track artist name/album title)* • ELAPSED TIME (track number/elapsed playback time) • CLOCK (source name/clock display) • SPEANA (spectrum analyzer display)
>
> *The display will change automatically.

- The display may differ depending on the connected Bluetooth device and the file. I will.

2. Press and hold the BAND/ button to return to the playback screen.

Making hands-free calls on a mobile phone

This unit allows you to make hands-free calls using a Bluetooth-enabled mobile phone.
Up to two Bluetooth-enabled mobile phones can be on standby at the same time.

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• When using a mobile phone, always park your car in a safe place. • When using a mobile phone with this unit for the first time, you must register the mobile phone to this unit. (P30).

• Operations and behavior may vary depending on the Bluetooth-enabled mobile phone you pair with. Please also refer to the instruction manual for your mobile phone.

Answering and hanging up calls

You can answer an incoming call no matter what source you are listening to, even if the unit is turned off.

1. When a call comes in, press any button on the unit.
   Or press the button. The call will be connected and you can talk.

• During a call waiting, you can switch between the other party, but you cannot hang up the call individually. • Press the BAND/ button during a call to switch between a hands-free call and a private call (a call on your mobile phone).

• Press during a call to switch between holding the call and answering it.

vinegar.

• If you receive a call while you are on another call (call waiting), press to The other party will be switched and the current call will be placed on hold.

• During a hands-free call, press the / button to adjust the volume to the other party. • When a call is coming in, turn to adjust the ring volume. • During a call, press the DISP/TI button to switch between the display of the call time and the phone number. You can change it.

• When two mobile phones are connected at the same time, if you are on a call on the first phone and a call comes in on the second phone, a message will appear on the unit's display.

2. Turn to adjust the earpiece volume.

operation	How it works
Turn right	Increase the number
Turn left	Decrease the number

3. Press the button to hang up

Reject an incoming call

If you can't answer a call, you can reject it.

1. Press and hold the button to reject the call

• If you receive a call while you are on another call, you can reject the call by following the same procedure. I will come.

Making a call from history

You can make calls from the recorded history data.

1. Press the button to display the PHONE menu.

2. Turn to select [RECENTS], then press

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3. Turn to select the history type, and then press

[MISSED]: Select from the missed call history
[DIALLED]: Select from call history
[RECEIVED]: Select from the call history

• If the mobile phone is not connected, there will be no switching.

4. Turn to select history data.

operation	How it works
Turn right	Select the next historical data
Turn left	Select previous historical data

To register a preset, select the phone number here and press and hold one of the 1/ to 6/ buttons.

• If you press and hold a registered button, it will be overwritten.

5. Press to make a call

• The PBAP profile is selected from the Bluetooth profiles on the mobile phone. Even if you have a PBAP profile, your call history may not be displayed.

Select a preset number to make a call

You can preset phone numbers to the 1/ to 6/ buttons and then make a call by selecting a preset number from 1 to 6. You can also select and register a phone number from the history (P35).

1. Press the button to display the PHONE menu.

2. Turn to select [PRESET 1-6], then press

3. Turn to select the preset number.

• You can also select by pressing any of the 1/ to 6/ buttons. Masu.

4. Press to make a call

Making a call using a preset button

You can preset phone numbers to the 1/ to 6/ buttons and then press the button to make a call. You can also select a phone number from the call history and register it (P35).

1. Press the button and then press any of the 1/ to 6/ buttons. Press

2. Press to make a call

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Setting up phone functions

Setting Auto Answer When Auto

Answer is set to ON, the phone will automatically answer and talk within about 5 seconds of receiving a call.

1. Press the button to display the PHONE menu.
2. Turn to select [A.ANSR] and press
3. Press to switch between [ON] and [OFF].
4. Press and hold the BAND/ button to return to the playback screen.

• If you connect two devices at the same time and are making or receiving a call, the second device will The call will not be answered automatically.

Using the voice recognition feature

You can use this unit to operate your iPhone or Android smartphone with voice recognition. If you have an iPhone 5 or later model and have the Siri setting turned on, you can use the Siri Eyes Free (voice recognition) function.

• For more information about voice recognition, see the iPhone or Android smartphone Please read the instructions.
• Operation methods may differ depending on the iPhone or smartphone (Android) you are using. • Check that what you say is recognized exactly as you said it. • Wind noise and outside noises may cause the device to not recognize your speech correctly. Please keep your car windows closed.
• If you start voice input and then speak immediately, it may not be possible to correctly recognize the input. Masu.
• Speak slowly and clearly, otherwise your speech may not be understood properly.

1. Press and hold the button "VOICE CTRL" or "Siri" will be displayed and the device will enter voice recognition mode.

• When Pioneer Smart Sync is connected, it becomes the voice recognition function of Pioneer Smart Sync. • Operate your iPhone or smartphone (Android) to switch to voice recognition mode. You can also enter the

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2. Speak into the microphone of this unit.

The action you specified will be carried out. If you are using a smartphone (Android), you can press the button to switch between starting and stopping speech acceptance.

Initial Settings [INITIAL]

The settings for rear output and software updates are done in the initial settings menu, which is operated with the power turned off.

Switching the initial settings menu

1. Press and hold the SRC/OFF button to turn the power off.
2. Press to display [MENU].
3. Turn to select [INITIAL] and press
4. Turn to select the setting, then press

The features that can be adjusted are as follows:

Feature Name	How it works
SP-P/O MODE [REAR/SUB.W] [REAR/REAR] [SUB.W/SUB.W]	Set the rear output. You can connect full-range speakers or subwoofer speakers to the rear speaker output and RCA output. Set according to the connection status of each.

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Feature Name	How it works
	[REAR/SUB.W]: Connect a full-range speaker to the rear speaker output. Set this when connecting a subwoofer speaker to the RCA output. "REAR/ SUB.W" or "REAR/REAR": Set this when connecting a full-range speaker to the rear speaker output and nothing to the RCA output. [REAR/REAR]: Set this when connecting a full-range speaker to the rear speaker output and the RCA output. [SUB.W/SUB.W]: Set this when connecting a subwoofer speaker to the rear speaker output and the RCA output.

Feature Name	How it works
SYSTEM UPDATE [SYSTEM INFO] [S/W UPDATE]	You can check the version of the unit's software by selecting [SYSTEM INFO]. Select [S/W UPDATE] to update the unit's software. When the update is complete, "COMPLETED" will be displayed. For more information about software and updates, see the Pioneer website.  • Updating the software will reset the unit to its factory settings. • Do not turn off the unit during the update process.
SYSTEM RESET ÿYESÿ ÿNOÿ	Reset the settings to the factory defaults. Turn to select [YES], then press . The unit will restart.

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System Settings [SYSTEM]

Settings such as setting the clock and switching the sub display are made in the system menu. The system menu can be operated whether the power is turned ON or OFF.

Switching the system menu

1. Press to display [MENU].
2. Turn to select [SYSTEM] and press
3. Turn to select the setting, then press

The features that can be adjusted are as follows:

Feature Name	How it works
CLOCK SET ÿ12Hÿ ÿ24Hÿ	Adjust the clock shown on the unit's display. 1. Turn to switch between [12H] and [24H] and press 2. Turn to set the hour, then press 3. Turn to set the minutes, then press
BEEP TONE [ON] [OFF]	You can have the button beep when pressed. Each time you press it, it switches between [ON] and [OFF].
INFO DISPLAY [SOURCE] [SPEANA] [OFF] [SOURCE/ SPEANA] [CLOCK/ SPEANA] [SRC/LIVE FX] [CLOCK/LIVE FX]	You can select the display on the sub display according to your preference. Turn to select the setting, and then press . [SOURCE]: Displays the source name. [SPEANA]: Display the spectrum analyzer [OFF]: Do not display [SOURCE/SPEANA]: Displays the source name and spare name. [CLOCK/SPEANA]: Displays the clock and spectrum analyzer [SRC/LIVE FX]: Displays the source name and level meter. [CLOCK/LIVE FX]: Displays the clock and level meter.

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Feature Name	How it works
AUX [ON] [OFF]	You can connect an external device such as a portable music player or VTR to this unit and listen to the audio from it. MICROPHONE menu If the [MICROPHONE] setting is set to [ON], it will not be displayed. Each time you press it, it switches between [ON] and [OFF].
DEMO OFF ÿYESÿ ÿNOÿ	Set the demo screen to OFF. The demo screen will only be displayed the first time you turn on the power after installing the unit. If you turn the ignition switch of your car to OFF or set the demo screen to OFF, it will not be displayed again. Turn to select [YES] and press .
BT AUDIO [ON] [OFF]	When connecting a Bluetooth-compatible device and using it as a BT AUDIO source, set it to [ON]. Pressing toggles between [ON] and [OFF].

Feature Name	How it works
BT MEM CLEAR ÿYESÿ ÿNOÿ	You can delete data transferred from Bluetooth-enabled devices registered to this unit. This function erases the following information: • History data (missed call history, outgoing call history, incoming call history) • Bluetooth registered device list • On the Preset Registration 1-6 confirmation screen, turn to select [YES], then press . When erasing is complete, “CLEARED” will be displayed.
APP CONTROL [WIRED] [BLUETOOTH]	Select the connection method. This is only valid when [USB MTP] in the system menu is set to [OFF]. 1. Turn to select the connection method, and then press . [WIRED]: Connect with a USB cable [BLUETOOTH]: Connect via Bluetooth • If the connection method you set is different from the connection status, you will not be able to use the Pioneer Smart Sync or iPhone source. • The BT AUDIO source and iPhone source cannot be used even if you select [WIRED]. Masu.

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Feature Name	How it works
USB MTP [ON] [OFF]	Sets the MTP connection. Pressing toggles between [ON] and [OFF]. If you select [ON], press when [OK] appears after the message. If you set this to [ON], the following sources are not available: • APP • iPhone • USB (when connected via AOA) The selectable sources vary depending on the settings.
AUTO APP CONN [ON] [OFF]	Sets the automatic startup of Pioneer Smart Sync. This is only effective when [USB MTP] in the system menu is set to [OFF]. Each time you turn , it switches between [ON] and [OFF].

Feature Name	How it works
S.REMOTE [OFF] [PIONEER] [PRESET]	Set the steering remote control key. To use the steering remote control, a steering remote control adapter (sold separately) or steering remote control cable (sold separately) is required. Turn to select the setting, and press . [OFF]: The steering remote control does not work (factory default setting). [PIONEER]: Select this when using a steering remote control adapter (sold separately). 1. "PRESS VOL+" and "FOR When "1SEC" is displayed alternately, press "VOL Press the "UP" key for more than 1 second. 2. "PRESS VOL-" and "FOR 1 When "SEC" is displayed alternately, press the "VOL Press the "DOWN" key for more than 1 second. 3. "COMPLETED" is displayed Verify that

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Feature Name	How it works
	[PRESET]: Select this when using the steering remote control cable (sold separately). For settings by vehicle manufacturer, see the following website: http: // pioneer.jp/carrozzeria/support/ steering_remotecontrol/ 1. Turn to select the vehicle manufacturer, then press 2. "PRESS VOL+" and "FOR When "1SEC" is displayed alternately, press "VOL Press the "UP" key for more than 1 second. 3. "PRESS VOL-" and "FOR 1 When "SEC" is displayed alternately, press the "VOL DOWN" key on the steering remote control for more than one second. 4. Check that "COMPLETED" is displayed.
USB AUTO [ON] [OFF]	USB devices and iPhones/smartphones If you want the source to switch automatically when you connect an Android device, set this to ON. Pressing will toggle between [ON] and [OFF].

Adjusting the sound [AUDIO]

When using sound quality adjustment functions such as "Volume balance control" and "Loudness", select the function in the audio menu and operate it.

Switching the audio menu

1. With the power on, press to display [MENU]
2. Turn to select [AUDIO] and press
3. Turn to select the function, then press

The features that can be adjusted are as follows:

- When receiving traffic information, adjust everything except FADER and BALANCE. you can't.
- When the SP-P/O MODE (P38) is set to SUB.W/SUB.W in the initial setting menu, the FADER cannot be adjusted.

Machine Translated by Google

Feature Name	How it works
EQ SETTING [SUPER BASS] ÿPOWERFULÿ [DYNAMIC] [NATURAL] [VOCAL] [VIVID] [SET BY APP]* [CUSTOM1] [CUSTOM2] ÿFLATÿ * ÿ[SET BY APP] is Pioneer When connected to Smart Sync, the iPhone or Smart phone This is only displayed if the equalizer curve is set on the (Android) side.	You can select a pre-prepared equalizer curve to achieve the sound quality you prefer. Turn to select the equalizer curve, then press . • "FLAT" means that no equalizer correction is applied to the sound. You can also check the effect of the other equalizer curves by switching to them. • Select "CUSTOM1" or "CUSTOM2" if you want to adjust the equalizer curve to suit your preferences. • The equalizer curve will be memorized as the common equalizer curve for all sources. 1. Turn to select [CUSTOM1] or [CUSTOM2]. 2. Turn to select the frequency and press . Available frequencies: 50HZ, 80HZ, 125HZ, 200HZ, 315HZ, 500HZ, 800HZ, 1.25kHZ, 2kHZ, 3.15kHZ, 5kHZ, 8kHZ, 12.5kHZ

Feature Name	How it works
	3. Turn to adjust the level, and then press Available levels: -6 to +6 • You can also adjust the equalizer curve by selecting a setting other than CUSTOM1 or CUSTOM2. Select a setting other than CUSTOM2 and press and hold. The setting will be saved in CUSTOM1.
FADER	Adjusts the volume balance from the front and rear speakers. Turning to the right will increase the volume from the front speaker, and turning to the left will increase the volume from the front speaker. Adjustment range: FRONT 25 to REAR 25
BALANCE	Adjusts the volume balance from the left and right speakers. Turning to the right strengthens the right speaker, turning to the left strengthens the left speaker. Adjustment range: LEFT 25 to RIGHT 25

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Feature Name	How it works
SUBWOOFER (ON/OFF switching) [ON] [OFF]	Set this when using a subwoofer. Each time you press it, it switches between [ON] and [OFF]. • If it is set to OFF, you cannot set the subwoofer phase switching. Also, you cannot set the subwoofer output level, time alignment, cutoff frequency, and slope.

Feature Name	How it works
SUBWOOFER (phase switching) [NOR] [REV]	When using this unit with a subwoofer connected, switch the phase so that the sound output from the subwoofer sounds natural. The sound output from the subwoofer contains components in the same frequency band as the sound output from the front and rear speakers. Depending on the conditions inside the vehicle, the phase of these sounds may be inverted (interfered with), causing them to cancel each other out. To prevent this phenomenon, switch the phase to normal or reversed according to the conditions inside the vehicle. Normal phase: The sound from the subwoofer is output simultaneously with the front and rear speakers Reverse phase: The sound from the subwoofer is output out of sync with the front and rear speakers Each time you press the button the phase will change. [NOR]: Selects normal phase [REV]: Selects
SPEAKER LEVEL [FRONT L] [FRONT R] [REAR L] [REAR R] [SUBWOOFER]	reverse phase Adjusts the speaker output level. 1. Turn to select the speaker, then press push 2. Turn to adjust the output level. Adjustment range: -24 to +10

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Feature Name	How it works
CROSSOVER [FRONT] [REAR] [SUBWOOFER]	This sets the low frequency range (cutoff frequency), output level, slope, etc. output from the speaker. 1. Turn to select the speaker, then press 2. Turn to set the filter, then press For [FRONT]/[REAR]: [OFF], [HPF] For [SUBWOOFER]: [OFF], [LPF] 3. Rotate to adjust the cutoff frequency and press Available frequencies: 25HZ, 31.5HZ, 40HZ, 50HZ, 63HZ, 80HZ, 100HZ, 125HZ, 160HZ, 200HZ, 250HZ This function cuts the range of frequencies above (or below) the selected frequency. The frequency selected at this time is called the cutoff frequency. When setting the subwoofer's cutoff frequency, the range above the cutoff frequency is cut and only the low frequencies are output. You can also emphasize the low frequencies further by increasing the output level of the range below the cutoff frequency.

Feature Name	How it works
	4. Turn to adjust the slope, and then Press Available attenuation settings: • FRONT/REAR: -6, -12, -18, -twenty four • SUBWOOFER:-6, -12, -18, -24, -30, -36 The slope is a value (in dB/octave) that indicates how much the signal is attenuated when the frequency goes up (or down) by one octave. The steeper the slope, the greater the rate at which the signal is attenuated.
POSITION [OFF] ÿFRONT LEFTÿ ÿFRONT RIGHTÿ [FRONT] [ALL]	Select an appropriate listening position according to the seating position and number of people in the car. Turn to select the position, and press .

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Feature Name	How it works
TIME ALGNMNT [INITIAL] [OFF] [CUSTOM]	Adjust the overall balance by setting the distance from each speaker to the listening position. This can only be set when [POSITION] is set to [FRONT LEFT] or [FRONT RIGHT]. Turn to select time alignment, then press . If you select "INITIAL", the settings will return to the default values. "CUSTOM" can be adjusted to your liking. The "CUSTOM" settings are as follows: 1. Turn to select the speaker, then press Press Adjustable speaker: [FRONT L], [FRONT R], [REAR L], [REAR R], [SUB.W] 2. Turn to adjust the distance and press Adjustable distance: 0cm ~ 350cm
SAVE SETTINGS ÿYESÿ ÿNOÿ	The settings made in the audio menu are saved. The following items are saved: • Equalizer curve ("EQ SETTING") • Output level ("SPEAKER LEVEL") • Cutoff frequency and slope ("CROSSOVER") • Listening position ("POSITION") • Time alignment ("TIME ALGNMNT") • Subwoofer phase ("SUBWOOFER" (phase switching)) • Bass Beat Blaster ("BASS BEAT") To save the setting, turn Select [YES] and press .
LOAD SETTINGS	Loads the saved audio menu settings. When you load settings, the current contents are overwritten. Make sure [SOUND SETTING] is displayed and press .
BASS BEAT [OFF] [LOW] [HI]	You can get a sound similar to that of a subwoofer. If you increase the level, you can get powerful bass sounds. (Bass Beat Blaster) Turn to change the setting.
LOUDNESS [OFF] [LOW] [MID] [HI]	When listening to music at a low volume, you may feel that there is a lack of bass and treble. Loudness compensates for this lack and makes the sound easier to hear. Press to switch between settings.

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Feature Name	How it works
SLA -4 to +4	SLA is an abbreviation for "Source Level Adjuster." When you switch sources, the volume of each source may differ. By using SLA, you can make the volume of each source uniform by using the FM volume as the standard. When listening to FM radio, It does not switch to SLA. You can adjust the volume difference between AM/USB (only when connected via USB)/iPhone/AUX (external device)/BT AUDIO/APP. Turn to select the level and press .
S.RTRV [OFF] [1] [2]	[1]: Adjusts the sound to suit compressed music with a low compression ratio. [2]: Adjusts the sound to suit compressed music with a high compression ratio. This setting is available for the following sources: • AUX • USB (MP3/WMA/AAC/FLAC) • iPhone The setting will change each time you press .

Using the MIXTRAX function

Turning the MIXTRAX function on/off

MIXTRAX is a technology that adds various sound effects to arrange the music between songs. You can enjoy music nonstop. In addition, the color of the display and buttons automatically changes according to the song being played, allowing you to enjoy various dramatic effects.

1. Press the 3/MIX button.

   Each time you press it it switches between ON/OFF.

• If it is interfering with your driving, turn this setting OFF. • This function can be used with USB (excluding MTP connection) and APP (only when iPhone is connected via USB) sources.

Switching the MIXTRAX menu

1. With the power on, press to display [MENU]
2. Turn to select [MIXTRAX] and press
3. Turn to select the function, then press

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When you have finished the operation or setting, press and hold the BAND/ button to return to the playback screen.

The functions that can be adjusted are as follows.

Feature Name	How it works
SHORT PLAYBACK [1.0 MIN] [1.5 MIN] [2.0 MIN] [2.5 MIN] [3.0 MIN] [OFF]	Changes the playback time of the song. The song will be played for the set time. Each time you turn the , the playback time changes.
MIX PATTERN [SOUNDLEVEL] [LOW PASS] [RANDOM]	Select the display pattern according to the song being played. Each time you turn the switch, the setting will change. [SOUNDLEVEL]: Changes according to the level of the song being played [LOW PASS]: Changes according to the bass level of the track being played. [RANDOM]: SOUND LEVEL and Randomly select from LOW PASS
DISPLAY FX [ON] [OFF]	The main display and sub display This displays the screen specially for MIXTRAX. The normal screen display is not displayed. Each time you press it, it switches between [ON] and [OFF]. • If you set the screen effect to ON, the display you set for the sub display will not be displayed (P40).
CUT IN FX [ON] [OFF]	This will output a sound effect when switching songs. Each time you press it, it will switch between [ON] and [OFF].

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Using the illumination function

Switching the illumination menu

Select the color you want for your unit in the Illumination menu.

1. With the power on, press to display [MENU]
2. Turn to select [ILLUMINATION] and press
3. Turn to select a function, then press

When the operation or setting is complete, press and hold the BAND/ button to return to the playback screen. The functions that can be adjusted are as follows.

Feature Name	How it works
COLOR [BLUE] [RED]	Select the color you want to set for the button. • To enable this setting, turn off the MIXTRAX function (P48). Each time you press , the color will change.
DIM SETTING [SYNC CLOCK] [MANUAL]	Switch the brightness of the unit at night. (Dimmer setting) Dimmer is a function that changes the brightness of the display and buttons according to the surrounding brightness. The setting changes each time you turn. [SYNC CLOCK]: Start and end times for dimming the display Set (STOP) [MANUAL]: Each time you press and hold the BAND/ button, the dimmer setting is turned ON/OFF. Switch OFF
BRIGHTNESS	Adjust the brightness of the buttons and display to your liking. Set it to bright. 1. Turn to change the brightness. [BRIGHTNESS 1]ÿ [BRIGHTNESS 10] • The setting range changes depending on the ON/OFF state of the dimmer setting. ON: [BRIGHTNESS 1] to [BRIGHTNESS 9] OFF: [BRIGHTNESS 1] ~ [BRIGHTNESS10]

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Using the Karaoke function

- Drivers should not sing while holding a microphone while driving. This can cause traffic accidents.
  It will be.
- When connecting a microphone, make sure the microphone cord does not interfere with driving operations.
  If it gets wrapped around the
  steering wheel, selector lever, brake pedal, etc., it may cause an accident.

- If you experience a high-pitched squeal while using a microphone, try removing the microphone.
  Move the device away from the speakers or turn down the volume.
- The included microphone cannot be used. Use a commercially available dynamic microphone.
  please.
- Do not leave the microphone in the car. • The
Karaoke function cannot be used when the radio or AUX source is selected.
  I can't.

Use the microphone

You can connect a commercially available dynamic microphone to mix the sound source (song) with the microphone sound.

1. Connect the 3.5 mm stereo mini jack of the microphone to the AUX input terminal.

Setting up the microphone

- If the music source (music) on the Bluetooth connected device has stopped,
  The MICROPHONE menu may not be displayed.

1. With the power on, press to display [MENU]
2. Turn to select [MICROPHONE] and press
3. Turn to select a function, then press
   When the operation or setting is complete, press and hold the BAND/ button to return to the playback screen. The functions that can be adjusted are as follows.

Feature Name	How it works
MICROPHONE [ON] [OFF]	When this is ON, you can use the microphone. Each time you press it, it switches between [ON] and [OFF].
MIC VOL	Adjust the microphone volume. Turn to adjust the volume.
VOCAL [ON] [OFF]	Sets the vocal cancel setting. Pressing switches between [ON] and [OFF]. If you select [OFF], the vocal volume of the device's sound source (song) will be reduced.

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Connection/Installation

Connection/Installation Precautions

• Before connecting, be sure to disconnect the negative terminal of the car battery.
Sai.

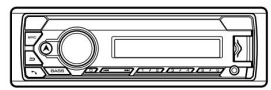
• Be sure to install the product correctly in your vehicle according to this manual.
Using an installation method other than that specified or using parts other than that specified may result in an accident or injury. In such cases, we will not be held responsible in any way.

• For details on connecting and installing optional products, refer to the instructions that come with the optional products.
Please also see the genus manual.

Check the connections/mounting parts

Main unit

Main unit × 1



Truss screws × 3



3 x flat head screws



Bracket x 1



Screw
ÿ (2.6 mm × 6 mm) × 1 52



Code

1x Power Cord



Microphone related

Hands-free microphone x 1

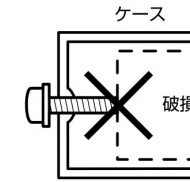


Double-sided
tape ÿ (15 mm x 12 mm) x 1

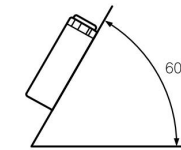


Things you need to know before installation

Installation Precautions • Be sure to use
the equipment supplied with the unit and the installation kit.
Use parts as specified. Using parts other than those specified may damage internal parts or cause them to come off due to insufficient fastening, creating a danger.



• To ensure proper performance, install this unit at an angle of 60 degrees or less from the horizontal.



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Mounting points

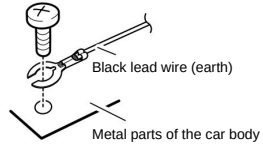
Before installing and
fastening the unit • First, make a temporary connection and check that the unit operates normally before installing it. If it does not operate normally, check again to make sure that the connections are correct.

Installation kits are sold
separately. • Depending on the vehicle model and year, installation may not be possible without using a Pioneer installation kit sold separately. We have vehicle-specific installation kits available, so please consult
your dealer. • If installing under the dashboard, please use the universal D-size installation case or under-dash installation kit.

Things you need to know before connecting

Connection precautions

• Be sure to connect the unit's black lead (earth) to a metal part on the car body first.



• This unit cannot be used in cars that do not have an ACC engine switch. Always use this unit in cars that have an ACC engine switch. • Do
not connect the red lead (accessory power) to a power circuit that is always powered by the battery. Doing so will drain the car battery. • The amplifier for this unit uses a circuit called BPTL.
• Do not connect the speaker lead to earth or use multiple speakers.
Do not share or connect the speaker's (-) lead wire. • Use high-power
speakers with a maximum input of 50 W or more and an impedance of 4 ÿ to 8 ÿ for use with this unit. Using non-standard speakers may cause the speakers to catch fire, smoke or break. • Attach the black lead wire (earth) separately from the earth of
products that consume a large amount of current, such as power amplifiers. If the screws are attached together, it may cause the product to smoke or break down. • For vehicles with glass antennas, be sure to connect the power supply of
the antenna booster to the blue/white lead wires (antenna control) of this unit. If you forget to connect, you will not be able to receive radio signals.

The location of the antenna booster power supply varies depending on the vehicle model. (In some vehicles, the booster will not turn on unless the radio is turned on.) For details, consult a dealer with installation skills.

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Connection points

To prevent noise: •

Place the antenna cord as far away as possible from the speaker cords and power leads.

A power wiring kit is sold separately. •

If the current consumption of the entire system becomes large, we recommend that you power the device directly from a battery. We sell the power wiring kit "RD-221" separately, so please consult your dealer.

Connector installation and removal points

• Push the connector in until you hear a click to make sure it is securely in place. Please connect to

• When removing the connector, hold the connector and pull it out. Pulling on the cord may cause it to come loose.

Precautions when replacing the battery

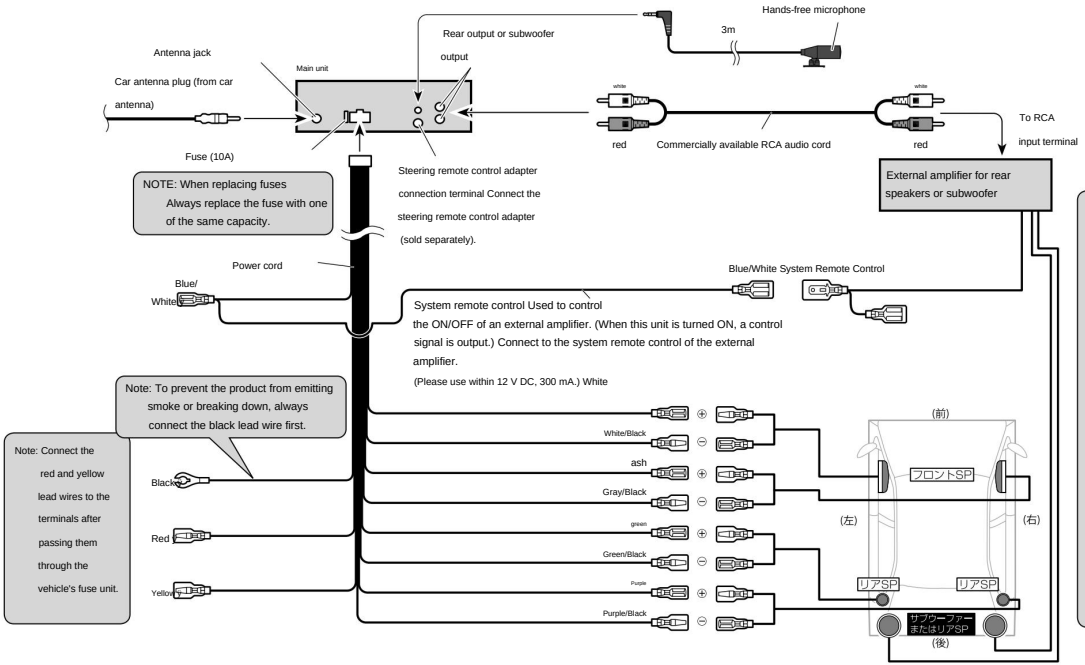
• The settings for each function are automatically memorized when the car's ignition switch is turned OFF, and are retained even if the battery is disconnected.

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Connect

For details, please contact the store where you purchased the product.

When connecting rear speakers to the speaker leads of this unit



Note: •Do not connect anything to the speaker leads that do not have speakers connected.
•Change the SP-P/0 MODE (page 38) setting to match the speakers you will connect to the rear speaker output a

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ÿ Antenna control

Used to control the antenna.
(Use within 12 V DC, 300 mA.) For the following
vehicles, be sure to connect the cable as it may not be possible
to receive radio signals if the cable is not connected.

•For vehicles with automatic
antennas: Connect to the control input terminal of the
automatic
antenna on the vehicle. *Turn the power OFF when lowering the antenna.

•For vehicles with roof antennas or glass antennas:
Connect it to the power input terminal of the vehicle's antenna
booster.

ÿ Earth:

Make sure to connect it securely to a metal part on the car body.

ÿ Accessory power

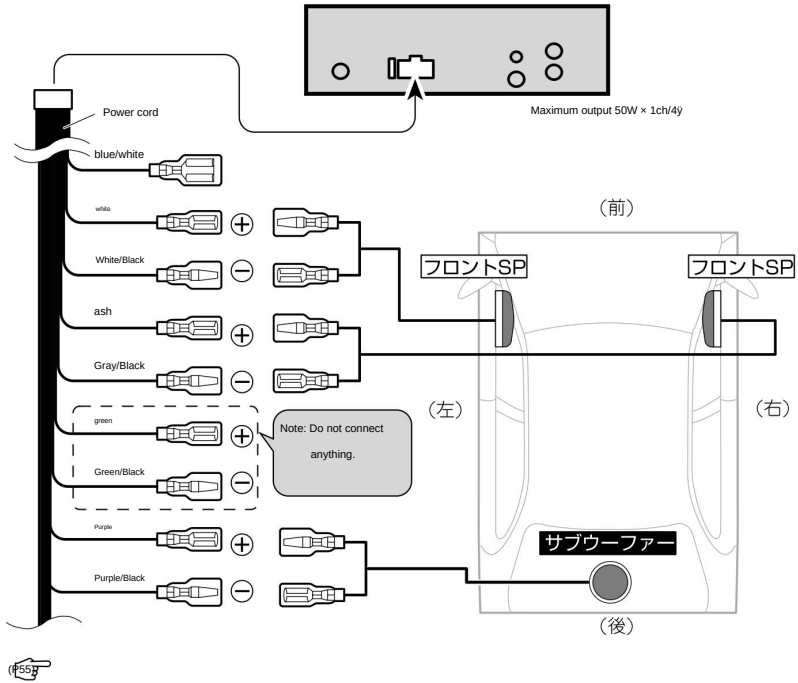
supply Connect to the power circuit that supplies power when the
car engine switch is in the ACC position.

ÿ + Battery power supply

Connect to a power supply circuit that is always powered by the
battery, regardless of whether the car engine switch is on or off.

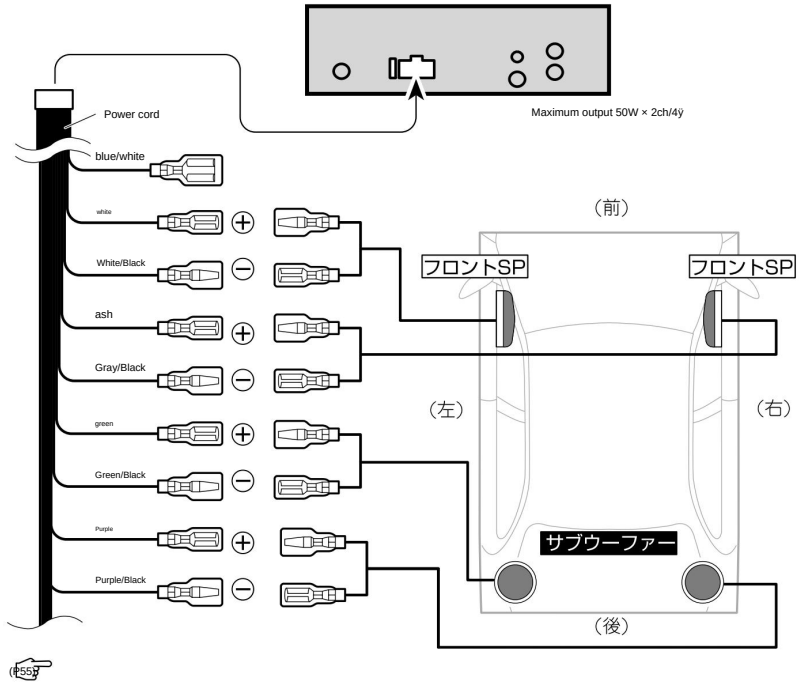
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When connecting a subwoofer to the speaker leads of this unit (1)



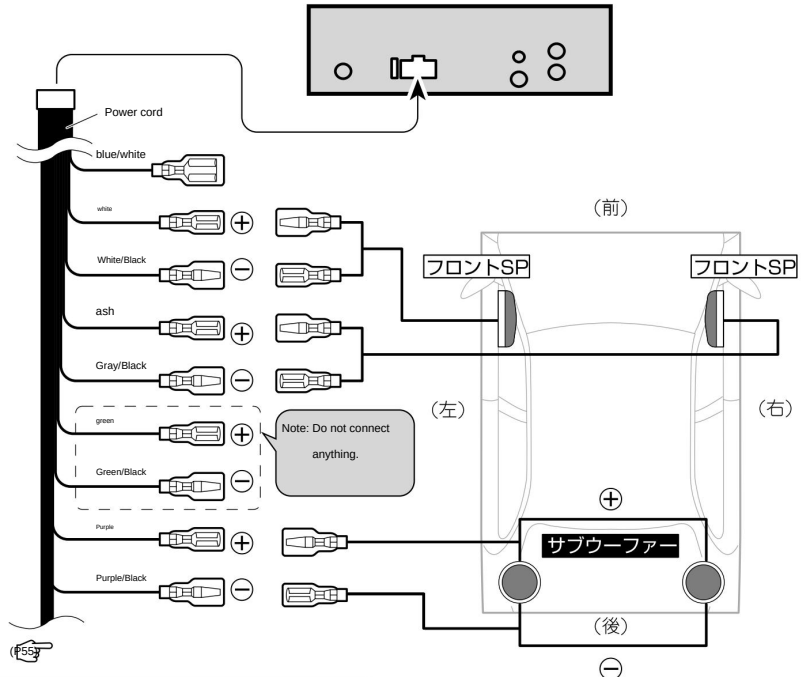
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When connecting a subwoofer to the speaker lead of this unit (2)



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When connecting a subwoofer to the speaker lead of this unit (3)



Here, a 4 ÿ subwoofer is connected in parallel to be used as 2 ÿ.

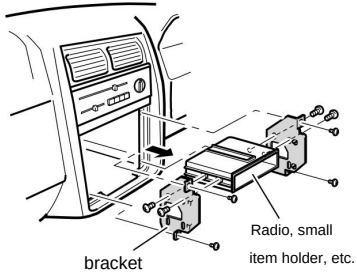
Maximum output 70W × 1ch/2ÿ

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Installing the unit

Installation examples for Toyota and Nissan vehicles.

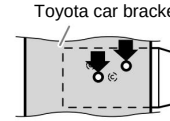
1. Remove the radio, glove compartment, etc. from
   the car and remove the brackets that hold them in place. Use the brackets to mount the unit.



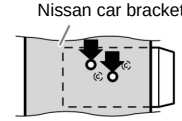
• The location of the screws to be removed varies depending on the vehicle model. For details, contact the store where you purchased the product or your nearest dealer.

2. Check the screw position
   Place the bracket on the unit and check that the screw holes are aligned. The bracket
   has the following types of screw holes.

For Toyota vehicles

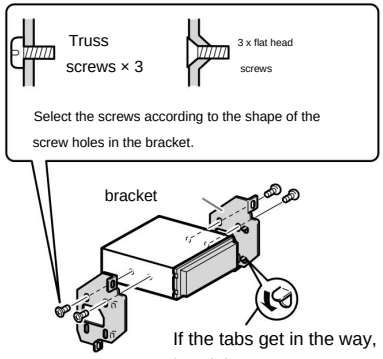


For Nissan vehicles



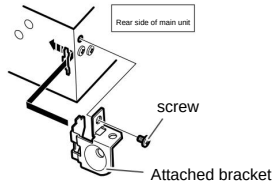
3. Attach the brackets with the included screws. Fasten
   one bracket on each side using the included screws, and then reattach the brackets to the car.

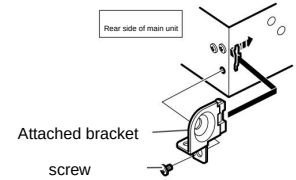
Machine Translated by Google



How to use the included bracket

You can use the included bracket to attach the bracket to the rear end of the unit. Attach the included bracket according to your vehicle model.





Check the operation

After completing the connections and installation, perform the following operations to check that the unit is operating properly.

1. Check the connections/installations again

• Check that there are no connections or installation errors and that each connector is securely connected.
Check again with your eyes to see if it is there.

2. Start your car

3. Check the operation of this unit
After confirmation, the setup menu will start automatically, so please make the settings (P.6).

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How to remove/attach the front panel

To prevent theft, the front panel can be removed (detached).

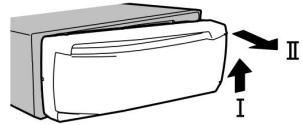
• Do not pull the front panel forcefully to remove it. • When removing or installing, do not hold the display or buttons too tightly.
So lame.
• Do not subject the product to strong shocks such as dropping or hitting it.
There is.
• Do not disassemble. • Do not spray volatile chemicals such as benzine or paint thinner on the product.
• If the product becomes dirty, wipe it with a clean, dry cloth.
Do not touch the terminals on the panel or main unit. This may cause poor contact.
• When detaching, remove the AUX/USB cable from the front panel. If you do not remove it, the device or vehicle accessories may be damaged.

• For safety reasons, please stop the vehicle before detaching.

■ How to remove the front panel

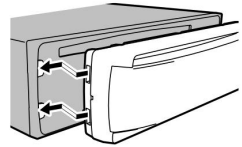
1. Press the detach button to release the lock (P16)

2. Lift up the right side of the front panel (I) and pull it towards you to remove it. (II)
After removing the front panel, store it in a case or similar.



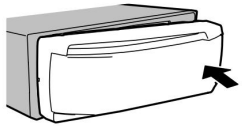
■ How to attach the front panel

1. Fit the left side of the front panel onto the main unit.



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2. Press the right side of the front panel to attach it to the main unit.

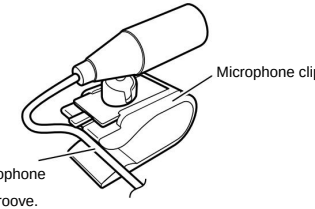


Installing the hands-free microphone

- Thoroughly wipe off any dirt from the area where you will be attaching the double-sided tape or clamper. please.
- For clear, hands-free audio, place the microphone as close to the driver as possible, and as far away from the car speakers as possible to reduce echo.

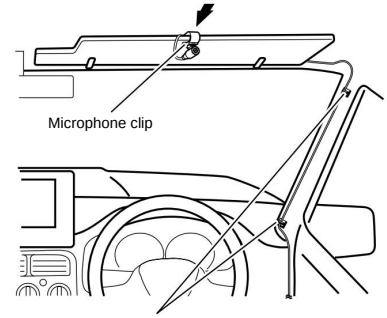
When mounting between the sun visors

1. Insert the microphone cord into the microphone clip



2. Insert the microphone clip into the sun visor and attach the microphone.

Attach

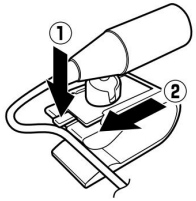


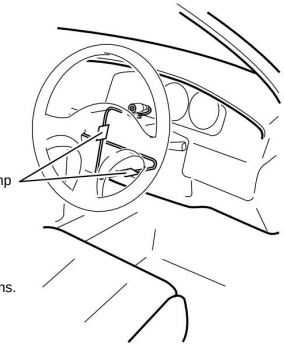
While securing key points with a clamper (commercially available), route the microphone cord.

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When installing on the steering post

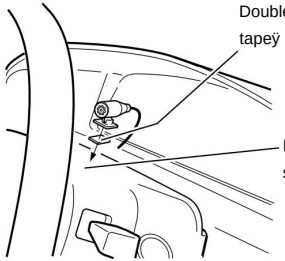
1. Remove the microphone clip





Secure key points with a clamp
(commercially available)
and route the microphone
cord so that it does not
interfere with driving operations.

2. Mounting a microphone on the steering post



Double-sided
tapeÿ (15 mm x 12 mm)

Install it as close to the
steering post as possible.

How to adjust the microphone angle

To adjust the microphone angle, move it in the direction of the arrow as shown below.



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Playable media and files

format	Extension	Supported Media
		USB
WMA	.wma	•
MP3	.mp3	•
AAC	.m4a	•
WAV	.wav	•
FLAC	.flac/.fla	•

What is WMA? WMA is an abbreviation for "Windows Media™ Audio," and is an audio compression technology developed by Microsoft Corporation in the United States.
WMA data can be encoded using Windows Media Player version 7 or later.

What is MP3? It is an abbreviation for "MPEG Audio Layer 3" and is an audio compression standard established by the ISO (International Organization for Standardization) working group (MPEG).
MP3 is a standard that can compress audio data to about 1/10 the size of the original data.

What is AAC? AAC stands for "Advanced Audio Coding," and is a standard format for audio compression technology used in MPEG-2 and MPEG-4.
This is Matt.

What is WAV? WAV is an abbreviation for "Waveform" and is the standard audio format for Windows®.

What is FLAC? It stands for "Free Lossless Audio Codec" and is an audio format developed as open source. MP3
Unlike AAC, it is a lossless compression method, so it can be compressed without degrading sound quality.

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Codec		format				
		WMA	MP3	AAC	WAV	FLAC
Sampling frequency		32 kHz to 48 kHz	8 kHz to 48 kHz*	11.025kHz to 48 kHz	16kHz to 48kHz (LPCM format)	8kHz to 96kHz
Bit Rate	CBR	48 kbps to 320 kbps	8 kbps to 320 kbps	16 kbps to 320 kbps	-	-
	VBR	48 kbps to 384 kbps	8 kbps to 320 kbps	16 kbps to 320 kbps	-	-

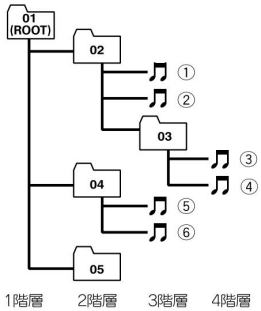
*Emphasis is only supported when playing MP3 files with a sampling frequency of 32 kHz, 44.1 kHz, or 48 kHz.

- Depending on the application used to encode/write the file, it may not function properly.
- Depending on the application used to encode/write the file, text information may not be displayed correctly.
- When playing a WMA file that contains image data on this unit, it may take some time before playback begins.
- This product does not support the following formats:
  – Windows Media Audio Professional (5.1ch)
  – Windows Media Audio Lossless (lossless compression)
  – Windows Media Audio Voice
- WAV and FLAC files cannot be played on an MTP-connected smartphone (Android).
- Supports display of album names, song names, and artist names for ID3 tag Ver. 1.0/1.1/2.2/2.3/2.4. Note that ID3 tag Ver. 1.X and Ver. If both versions are used, priority will be given to version 2.X.
- m3u playlists are not supported.
- MP3i (MP3 interactive) format and MP3 PRO format are not supported.
- Songs purchased from the iTunes Store (.m4p) cannot be recorded to a USB device and played.
- If a partitioned USB memory device is used, only the first playable partition will be played.
- Depending on the type of USB device used, this unit may not be able to correctly recognize it, and songs may not be played back correctly.
- This unit does not support the following formats:
  - Apple Lossless Encoder
- The sampling frequency may not display all digits.

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Folder structure on the media

• The folders and compressed audio files in the media are organized as shown in the figure below. (USB Portable Audio Player)
This is different for Yer.)



• 01 to 05 are folder number assignments, and ÿ to ÿ are examples of the playback order of songs. You can assign folder numbers by operating this unit.
You cannot specify the order in which the files are played.

• The order in which folders are selected for playback and other operations will be the order in which they were written by the writing software.

• The recommended method for specifying the playback order is as follows:
1. On your computer, add numbers to the beginning of the file names to indicate the order, such as "001xxx.mp3" or "099yyy.wma." 2. Put those files into a folder. 3. Copy the folder to media. However, depending on your computer environment, you may not be able to specify the files this way.

• Folders that do not contain WMA/MP3/AAC/WAV/FLAC files will not be recognised. The folder numbers will not be displayed and they will be skipped.

• Supports playback of WMA/MP3/AAC/WAV/FLAC files up to 8 levels deep. However, if there are many levels, it may take some time before playback begins.

• The maximum number of characters that can be displayed for a file name, including the extension, is 32. The maximum number of characters that can be displayed for a folder name is also 32.

• The total number of folders and files that can be played is as follows.
– Maximum 1 500 folders, maximum 15 000 files

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About USB devices

• For details on how to handle USB devices, see the respective instructions. Please read the book.

• Please note that we are not responsible for any loss of data on a portable digital player or USB memory when used in combination with this unit. • Be sure to secure the USB device in place when using it in combination with this unit. It is extremely dangerous if the USB device falls and slides under the brake or accelerator pedal.

About connection with this unit

• Do not connect anything other than a USB memory or USB audio player (such as a USB fan). • When connecting a USB device to this unit, use a separately sold USB cable (e.g. CD-U51E). If you connect directly without using a USB cable, the USB device will protrude and be dangerous. Do not use any USB cable other than the specified one.

• Depending on the USB device connected, noise may be heard from the radio. • Connection via a USB hub is not supported.

Storage Precautions

• If you leave a USB device in direct sunlight for a long period of time, the high temperature can cause it to deform, discolor, or break down. When not in use, store the device out of direct sunlight.

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About iPhone

Compatible iPhones

• This unit is compatible with the following iPhones.
Made for –
iPhone X –
iPhone 8 –
iPhone 8 Plus –
iPhone 7 –
iPhone 7 Plus –
iPhone SE –
iPhone 6s –
iPhone 6s Plus –
iPhone 6 –
iPhone 6 Plus –
iPhone 5s –
iPhone 5c –
iPhone 5 • For
the latest information, please check the Carrozzeria website
(http://carrozzeria.jp).
• Operation methods vary depending on the iPhone generation and software version.
may vary depending on the

• iPhone is licensed for personal use only to copy and play non-copyrighted material or material whose copying and playback is permitted by law. Copyright infringement is prohibited by law.
• If you leave your iPhone in direct sunlight for a long period of time, it may become distorted due to high temperatures.
Doing so may result in the iPhone becoming distorted or discolored, or it may malfunction. When not in use, store it out of direct
sunlight. • When using the iPhone in combination with this unit, be sure to secure it in place.
It can be extremely dangerous if your iPhone falls and slides under the brake or accelerator pedal.
• For details on how to use your iPhone, please read the iPhone manual.
stomach.
• If data on your iPhone is lost while using it in combination with this unit,
We apologize for any inconvenience caused by lost data.

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If you think it might be broken

If you suspect that the product is broken , please check the following table before requesting repairs.

If the problem persists, please read the "Warranty and After-Sales Service" and request repairs.

Common items

Symptoms	Cause	Treatment
It won't turn on. It doesn't work.	The leads and connectors are not connected properly.	Please double check that the connections are correct and secure. Disconnect the negative terminal of the vehicle battery, wait one minute, then reconnect it.
	The fuse is blown.	Fix the cause of the blown fuse and replace it with one of the same capacity.
There is no sound. The volume is low.	The volume is turned down.	Please adjust the volume (P15).
	The front/rear volume balance is not adjusted properly.	Adjust it properly (P44).
No sound from the front or rear speakers.	The front/rear volume balance is not adjusted properly.	Adjust it properly (P44).
No sound from the left or right speaker.	The left/right volume balance is not adjusted properly.	Adjust it properly (P44).
The unit malfunctions or produces noise.	A radio wave emitting device such as a mobile phone is being used close to this unit.	Please keep radio wave emitting devices away from this unit.

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radio

Symptoms	Cause	Treatment
When receiving radio, "beep beep, There is a lot of buzzing noise.	The station frequency is not correct.	Tune the frequency correctly (page 17).
	The radio station's signal is weak.	Try tuning to another station (page 17).
	There are obstacles around, and the reception is poor. do not have.	The better the reception, the less noise there will be.
Automatic station selection is not possible.	The radio station's signal is weak.	Please select the station manually (P37).
FM is received but AM is not. I can't believe it. The reception sensitivity is poor.	The antenna control is not connected. Connect the antenna control correctly (P55).	
	The car antenna is not extended.	Make sure the antenna is extended.
Auto antenna other than radio The "na" doesn't go down.	The power is turned on.	Please turn the power OFF.

AUX

Symptoms	Cause	Treatment
No sound. The sound is quiet.	The volume of the external device (AUX) is turned down. Adjust the volume of the external device (AUX).	
	Connect using a resistor-equipped AUX cable. is.	Please connect using a non-resistor AUX cable.

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BT AUDIO

To use a BT AUDIO source, the [BT AUDIO] setting in the system menu must be set to ON (P41).

Symptoms	Cause	Treatment
Cannot play.	The connection with the Bluetooth device has not been completed. Please perform the operation after the connection is completed (P30).	
	The Bluetooth-connected mobile phone is in use.	You cannot use multiple Bluetooth devices at the same time. Switch the connection (P33).
	After using a mobile phone connected via Bluetooth, the connection termination operation was not performed correctly.	Please reconnect (P30).
No sound	The volume on the iPhone or smartphone (Android) is turned down.	Adjust the volume on your iPhone or smartphone (Android).

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If you see this message:

If it does not work properly, an error message will appear on the display.

Common Error Messages

Message (Error number)	Cause	Treatment
"AMP ERROR"	There is an abnormality in the speaker connections or in this unit, causing the protection circuit to operate.	Please check the speaker connection. If the message does not disappear even when you turn the engine switch OFF ÿ ON, please contact your dealer or the Pioneer Customer Support Center.

USB error message

Message (Error number)	Cause	Treatment
"CHECK USB"	The USB connector or USB cable is shorted.	Check that the USB connector/USB cable is not pinched or damaged.
	A USB device that consumes more current than specified (P80) has been connected.	Disconnect the connected USB device. Then, turn the car's engine switch OFF and then ON. Next, connect the compatible USB device.
"N/A USB"	The connected USB device is not supported by this unit.	Please connect a USB device that supports USB Mass Storage Class.
"HUB ERROR"	The USB device was connected via a USB hub. Connect the USB device directly to this unit.	

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"NO AUDIO"	A USB device with nothing recorded or saved on it was connected.	Please connect a USB device that contains compatible compressed audio files.
	A USB memory with security features is connected.	Follow the instructions in the USB memory manual to disable the security before using it.
"PROTECT"	All files on the USB device are protected by Windows Media DRM 9/10.	Please connect a USB device that contains compressed audio files that are not protected by Windows Media DRM 9/10.
"SKIPPED"	A WMA file protected by Windows Media DRM 9/10 was played.	Play compressed audio files that are not protected by Windows Media DRM 9/10.
"ERROR-19"	Communication is not possible properly.	After doing one of the following, switch the source to USB. Turn the car's engine switch OFF and then ON. Disconnect and reconnect the USB device./Switch to a different source.
"ERROR-23"	The format of the connected USB device is Not FAT32/FAT16/FAT12.	Please connect a USB device formatted as FAT32, FAT16, or FAT12.

iPhone error message

Message (Error number)	Cause	Treatment
"CHECK USB"	The iPhone works but won't charge.	Please check that the iPhone cable is not shorted (for example, that it is not pinched by metal objects). After checking, turn the car's engine switch OFF and then ON, or remove and reinsert the iPhone.
"ERROR-19"	Communication is not working properly. A problem has occurred with the iPhone.	Disconnect the connector once, and after the iPhone main menu is displayed, plug the connector back in. If the iPhone still does not work properly, reset the iPhone.

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	Your iPhone software version is outdated. Please update your iPhone software version.	
"ERROR-16"	There is a problem with my iPhone.	Remove the connector once, wait until the iPhone main menu appears, Then, reconnect the connector securely. If your iPhone is not working properly, try resetting it. stomach.
"STOP"	There are no songs on my iPhone.	Select the playlist that contains the song.

Bluetooth error message

Message (Error number)	Cause	Treatment
"ERROR-10"	Cannot communicate with the Bluetooth module of this unit stomach.	Turn the car's engine switch OFF and then ON. If it still does not work properly, contact your dealer or Pioneer Customer Service. Please contact the Support Center.
"NO SERVICE"	The Bluetooth device is not connected to this unit. Connect the Bluetooth device to this unit.	

System error display

Message (Error number)	Cause	Treatment
"ERROR-RETRY"	The software update failed.	Press to update the software again.
"FILE ERROR"	The software update file is incorrect. stomach.	Check the software update file and try again. Please update the following.

APP error display

Message (Error number)	Cause	Treatment
CONNECT APP	Pioneer Smart Sync is not connected. Please connect Pioneer Smart Sync.	

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Warranty and after-sales service

Warranty

Please make sure that the date of purchase, the name of the store, etc. are filled in on the warranty card when you receive it from the store at the time of purchase. If any information is missing or the warranty card is lost, the warranty will be void even if it is still within the warranty period. Please read the contents carefully and keep it in a safe place.

Warranty period

The warranty period for this product is one year from the date of purchase.

About repairs

Since this is a carry-in product, we do not offer on-site repairs. Please use our pick-up repair service. (The product will be removed from your vehicle before being picked up. Shipping costs will be borne by the customer.)

Repairs during the warranty period

In the unlikely event that a malfunction occurs, repairs will be made in accordance with our warranty regulations as stated in the warranty card. Please contact the store where you purchased the product or our repair service center. For contact information, see "Repair Consultation Center" on the back cover.

Repairs after the warranty period has expired

Please contact the store where you purchased the product or our repair service desk. If the product can be used after repair, we will repair it for a fee upon request.

Regarding removal and installation from the vehicle

Please bring the product to our repair center with the product removed from the vehicle. Please note that we do not cover the cost of removing or installing this product from the vehicle during repairs or inspections, nor will we perform the work of removing or installing the product (including during the warranty period). Please consult with your dealer or installation store. The cost of removing or installing the product from the vehicle will be borne by the customer.

Minimum retention period for repair parts

We will stock replacement functional parts for this machine for at least six years after production is discontinued. (Performance parts are parts necessary to maintain the functionality of the product.)

For questions or enquiries

For any questions or inquiries regarding this unit, please contact the Pioneer Customer Support Center or the store where you purchased the unit.

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Trademarks/Copyrights etc.

■ This product has been certified by design in accordance with the Telecommunications Business Act.



T D18-0097001

■ The communications module built into this unit uses specific wireless equipment (WML-C95) that has been certified for design in accordance with the Radio Law.

WML-C95



R 003-150114

■ WMA

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■ MP3

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No. To use this unit in the following broadcasting applications, a specific license is required for each application. For more information, see the Internet website http://

www.mp3licensing.com. For commercial purposes, i.e., profit-generating real-time broadcasting (terrestrial broadcasting, satellite broadcasting, cable television and other media), broadcasting or data transfer using the Internet, intranets and other networks, or electronic distribution systems for broadcast programs, such as pay-audio and on-demand audio.

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T-Kernel 2.0

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iTunes

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FLAC

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iPhone



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The use of the Made for Apple mark indicates that the accessory has been designed to connect to the Apple product identified in the badge and has been certified by the developer to meet Apple performance standards. Apple assumes no responsibility with respect to the functionality of this product or its compliance with safety and regulatory standards. Please be aware that use of this accessory with an Apple product may affect wireless performance.

Siri

Siri works through the microphone.

Android & Google Play Android,

Google Play, and the Google Play logo are trademarks of Google LLC.

Bluetooth

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Pioneer Corporation is under license. Other trademarks and trade names are the property of their respective owners.

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Main Specifications

Common area

Power supply: DC 14.4 V (10.8 V to 15.1 V can be used) Earthing method: Negative earthing method Maximum current consumption: 10.0 A External dimensions (mounting dimensions): 178 (W) mm x 50 (H) mm x
97 (D)
mm
(Nose dimensions): 170 (W) mm x 46 (H) mm x 17 (D)
mm
Weight: 0.5 kg (without cord)

Amplifier/audio section maximum

output: ÿ •
50 W × 4 ch/4 ÿ • ÿ 50 W ×
2 ch/4 ÿ + 70 W × 1 ch/2 ÿ (when using subwoofer) Rated
output: .....22 W × 4 (50
Hz to 15 000 Hz, 5 % THD, 4 ÿ load, Both Channels Driven) Load
impedance: .....
4 ÿ (4 ÿ to 8 ÿ (2 ÿ for 1 ch) usable) Pre-out maximum output
level: ..... 2.0 V
Equalizer (13-band graphic equalizer)

Frequency: 50Hz/80Hz/125Hz/200Hz/315Hz/ 500Hz/800Hz/1.25kHz/
2kHz/3.15kHz/5kHz/
8kHz/12.5kHz
Adjustment width: .....±12 dB
High Pass Filter
Frequency: 25Hz/31.5Hz/40Hz/50Hz/63Hz/80Hz/ 100Hz/125Hz/
160Hz/200Hz/250Hz
Slope: -6dB/oct, -12dB/oct, -18dB/oct, -24dB/oct, OFF Subwoofer/
Lowpass
Filter
Frequency: 25Hz/31.5Hz/40Hz/50Hz/63Hz/80Hz/ 100Hz/125Hz/
160Hz/200Hz/250Hz
Slope:.....-6dB/oct, -12dB/oct, -18dB/oct, -24dB/oct, -30dB/
oct, -36dB/oct, OFF
Phase:.....NORMAL/REVERSE Speaker
level:.....-24 dB to +10 dB (1dB/Step) Time alignment:.....0
to 350 cm (2.5cm/Step)

USB section

USB standard: ..... USB 2.0 Full Speed Maximum
supply current: ..... 1.5 A USB protocol: .....MSC
(Mass Storage Class)
MTP (Media Transfer Protocol)
AOA (Android Open Accessory) 2.0 File
system:.....FAT12, FAT16, FAT32 MP3 decoding
format:.....MPEG-1 & MPEG-2 AUDIO LAYER-3
WMA decoding
format:.....Ver. 7, 8, 9, 9.1, 9.2 (2 ch audio)

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AAC decoding format: .....MPEG-4 AAC (only those encoded by iTunes Ver. 10.6 or earlier)
FLAC Decoding Format:..... v1.2.1 (Free Lossless Audio Codec)
WAV signal format: .....Linear-PCM

FM Tuner Section

Reception frequency band: 76.0 MHz to 99.0 MHz Usable sensitivity: 11 dBf (1.0 ÿV/75 ÿ, mono, S/N: 30 dB) S/N: 65 dB (IHF-
A network) Harmonic distortion: 0.003 % (65 dBf input, 1 kHz, stereo) 0.001 % (65 dBf input, 1 kHz, mono) Frequency response: 30 Hz to 15 000 Hz (±3 dB) Stereo separation: 45 dB (65 dBf input, 1 kHz)

AM Tuner Section

Reception frequency band: 522 kHz to 1 629 kHz Usable sensitivity: 25 ÿV (S/N: 20 dB) S/N: 60 dB (IHF-A network)

Bluetooth section

Bluetooth version: Bluetooth 4.0 certified Output power: Max. +4 dBm (Power class 2) BLE (Bluetooth Low Energy): Version: 4.0 certified Output power: Max. +3 dBm

Frequency range: 2 400 MHz to 2 483.5 MHz

accessories

Cord unit: 1
Hands-free microphone: .....
1 set Mounting screws: 1
set Instruction manual: 1
Remote control: .....
1 Lithium battery (CR2025): .....
1 Warranty card: 1

• The dimensions and weight described in this manual may differ from those of the actual product. The specifications of the actual product may change without notice in order to improve performance and functionality. • Some of the illustrations in the instruction manual may differ from the actual product.

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<Notes when contacting each office>
Telephone numbers beginning with "0120" cannot be used from mobile phones, PHS phones, some IP phones, etc.
Please use Navi Dial or IP phone from your mobile phone or PHS. (Call charges apply.)
In order to respond to your inquiry accurately, we may need to call you back, so please provide us with your caller ID.

Product Inquiry Desk *Please check the number carefully before calling.

If you have any questions about operation, please refer to the "Points Guide" ( ) in the instruction manual. ☞ 27
For questions regarding the installation and combination of Pioneer products, please contact the retailer where you purchased the product.

- Regarding product purchases, handling, product malfunctions, and catalog requests

Customer Support Center

Reception hours: Monday to Friday 9:30 to 18:00, Saturday 9:30 to 12:00, 13:00 to 17:00 (excluding Sundays, public holidays, and our company holidays)

ÿTelephone ÿCar audio/car navigation productsÿ ÿFrom a landlineÿ **0120-944-111 (free)** ÿFrom a mobile phone/PHSÿ **0570-037-600 (Navi Dial/charged)** If the above telephone numbers are not available **050-3820-7540 (IP phone, toll)**

ÿFax ÿInternet homepage ÿ Frequently asked questions about products, customer registration, etc. **0570-037-602 (Navi dial, toll)** http://pioneer.jp/support/

Repair consultation desk *Please check the number carefully before calling

When requesting repairs, please first check the "Troubleshooting" section in the instruction manual to see if the product is broken.
If it still does not work properly, please contact us with the following details: ÿModel name ÿDate of purchase ÿSymptoms of malfunction.

Repair reception desk

Reception hours: Monday to Friday 9:30 to 18:00 (excluding Saturdays, Sundays, national holidays, and our company holidays)

ÿTelephone [From a landline] **0120-5-81028 (free)** ÿFax [From a mobile phone or PHS] **0570-037-610 (Navi Dial, toll)** ÿInternet website If you are unable to use the above telephone number , we accept repair requests via the Internet . **050-3820-7550 (IP phone, toll)**

0120-5-81029(Toll free) http://pioneer.jp/support/purpose/repair/

For inquiries regarding purchasing parts, please check the number carefully before calling.

• Regarding the purchase of parts (accessories, instruction manuals, etc.)

Parts Order Center

Reception hours: Monday to Friday 9:30 to 18:00 (excluding Saturdays, Sundays, national holidays, and our company holidays)

ÿTelephone [From landlines] **0120-5-81095 (free)** ÿFax [From mobile phones and PHS] **0570-057-140 (Navi Dial, toll)** ÿInternet website If the above telephone number is not available * When ordering by fax, please refer to the accessory purchase procedure on the above website and fill in the accessory order form. Please call **050-3820-7551 (IP phone, toll required) .**

0120-5-81096(Toll free) http://pioneer.jp/support/purpose/parts/flow/

Please note that the contents may be changed without notice.

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