

Pioneer

CD RDS RECEIVER
AUTORADIO CD RDS
REPRODUCTOR DE CD CON RECEPTOR RDS

DEH-S1200UB

Operation Manual
Mode d'emploi
Manual de operación

English

Français

Español



Important (Serial number)

The serial number is located on the bottom of this unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.



Important (Numéro de série)

Le numéro de série se trouve au bas de cet appareil. Pour votre sécurité et votre commodité, veuillez à noter ce numéro sur la carte de garantie fournie.



Importante (Número de serie)

El número de serie se encuentra en la parte inferior de esta unidad. Por su propia seguridad y comodidad, asegúrese de anotar este número en la tarjeta de garantía que se adjunta.

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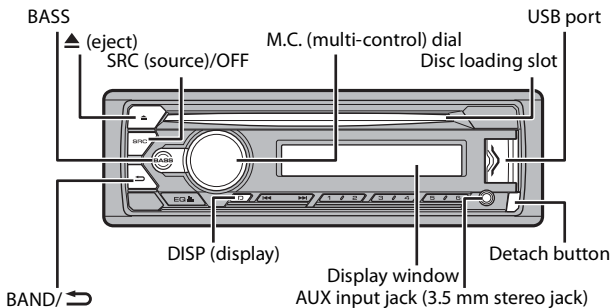
About this manual:

- In the following instructions, a USB memory or USB audio player are referred to as "USB device".

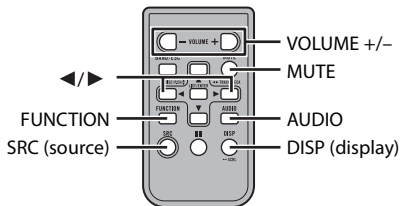
Getting Started

Basic operation




DEH-S1200UB



Remote Control







Frequently used operations

Purpose	Operation	
	Head Unit	Remote Control
Turn on the power*	Press SRC/OFF to turn on the power. Press and hold SRC/OFF to turn off the power.	Press SRC to turn on the power. Press and hold SRC to turn off the power.
Adjust the volume	Turn the M.C. dial.	Press VOLUME + or - . Press MUTE to mute the unit. Press MUTE again or press VOLUME + or - to unmute.
Select a source	Press SRC/OFF repeatedly.	Press SRC repeatedly.
Change the display information	Press DISP repeatedly.	Press DISP repeatedly.
Return to the previous display/list	Press BAND/  .	Press  /  to select the next/previous folder.
Boost the bass level	Press BASS . • You can select the bass level in [BASS BOOST] (page 13).	-

* When this unit's blue/white lead is connected to the vehicle's auto-antenna relay control terminal, the vehicle's antenna extends when this unit's source is turned on. To retract the antenna, turn the source off.

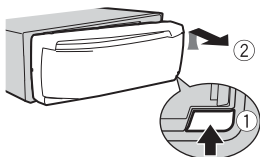
Display indication

Indication	Description
	Appears when a lower tier of the menu or folder exists.
	Appears when the BASS button is pressed and held.
LOC	Appears when the local seek tuning function is set (page 12).
S.Rtrv	Appears when the sound retriever function is set (page 12).
	Appears when random play is set.
	Appears when repeat play is set.

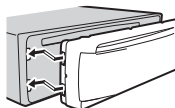
Detaching the front panel

Detach the front panel to prevent theft. Remove any cables and devices attached to the front panel and turn off the unit before detaching it.

Detach



Attach

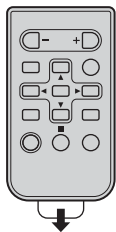


Important

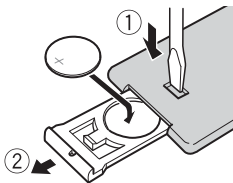
- Avoid subjecting the front panel to excessive shock.
- Keep the front panel out of direct sunlight and high temperatures.
- Always store the detached front panel in a protective case or bag.

Preparing the remote control

Remove the insulation sheet before use.



How to replace the battery



Insert the CR2025 (3 V) battery with the plus (+) and minus (-) poles orientated properly.

WARNING

- Do not ingest the battery, Chemical Burn Hazard. (The remote control supplied with) This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

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

- Batteries (battery pack or batteries installed) must not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION

- There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.
- Do not handle or store the battery with metallic tools or objects.
- If the battery leaks, remove the battery and wipe the remote control completely clean. Then install a new battery.
- When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.
- "Perchlorate Material - special handling may apply.
See www.dtsc.ca.gov/hazardouswaste/perchlorate. (Applicable to California, U.S.A.)"

Important

- Do not store the remote control in high temperatures or direct sunlight.
- Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedal.

Setting the clock (CLOCK SET)

When you turn the ignition switch to ON after installation, [SET UP :YES] appears in the display.

- 1 Press the M.C. dial.**
The setup menu disappears after 30 seconds of no operation. If you prefer not to set at this time, turn the **M.C.** dial to select [NO], then press to confirm.
- 2 Turn the M.C. dial to adjust the hour, then press to confirm.**
The indicator moves to the minute setting automatically.
- 3 Turn the M.C. dial to adjust the minute, then press to confirm.**
[QUIT] appears.
- 4 Turn the M.C. dial to select [YES], then press to confirm.**

NOTES

- You can cancel the menu setting by pressing **SRC/OFF**.
- This setting can be made at any time. See page 14 for more details.

Canceling the demonstration display (DEMO OFF)

- 1 Press the M.C. dial to display the main menu.**
- 2 Turn the M.C. dial to select [SYSTEM], then press to confirm.**

- 3 Turn the M.C. dial to select [DEMO OFF], then press to confirm.
- 4 Turn the M.C. dial to select [YES], then press to confirm.

INITIAL settings

- 1 Press and hold SRC/OFF until the unit turns off.
- 2 Press the M.C. dial to display the main menu.
- 3 Turn the M.C. dial to select [INITIAL], then press to confirm.
- 4 Turn the M.C. dial to select an option, then press to confirm.

Menu Item	Description
SP-P/O MODE	Select when there is a full-range speaker connected to the rear speaker output leads and there is a subwoofer connected to the RCA output.
[REAR/SUB.W]	
[SUB.W/SUB.W]	Select when there is a passive subwoofer connected directly to the rear speaker output leads and there is a subwoofer connected to the RCA output.
[REAR/REAR]	Select when there are full-range speakers connected to the rear speaker output leads and RCA output. If there is a full-range speaker connected to the rear speaker output leads, and the RCA output is not used, you may select either [REAR/SUB.W] or [REAR/REAR].
S/W UPDATE	Select to confirm the latest system information on the unit.
[SYSTEM INFO]	
[SYSTEM UPDATE]	Select to update the unit to the latest software and initialize the unit settings. For details on the latest software and updating, visit our website.
SYSTEM RESET	Select [YES] to initialize the unit settings. The unit will be restarted automatically.
[YES], [NO]	(Some of the settings may be retained even after resetting the unit.)

Radio

The tuner frequencies on this unit are allocated for use in North America. Use in other areas may result in poor reception.

Receiving preset stations

- 1 Press **SRC/OFF** to select [RADIO].
- 2 Press **BAND/↶** to select the band from [FM1], [FM2], [FM3] or [AM].
- 3 Press a number button (1/∧ to 6/↷).

TIP

The **◀▶** buttons can be also used to select a preset station when [SEEK] is set to [PCH] in the FUNCTION settings (page 12).

Best stations memory (BSM)

The six strongest stations are stored on the number buttons (1/∧ to 6/↷).

- 1 After selecting the band, press the **M.C.** dial to display the main menu.
- 2 Turn the **M.C.** dial to select [FUNCTION], then press to confirm.
- 3 Turn the **M.C.** dial to select [BSM], then press to confirm.

To seek a station manually

- 1 After selecting the band, press **◀▶** to select a station.
Press and hold **◀▶** then release to seek an available station. Scanning stops when the unit receives a station. To cancel seek tuning, press **◀▶**.

NOTE

[SEEK] needs to be set to [MAN] in the FUNCTION settings (page 12).

To store stations manually

- 1 While receiving the station you want to store, press and hold one of the number buttons (1/∧ to 6/↷) until it stops flashing.

CD/USB/AUX

Playing back

Disconnect headphones from the device before connecting it to the unit.

CD

- 1 Insert a disc into the disc loading slot with the label side up.

To eject a disc, stop playback first then press ▲.

USB devices (including Android™)

- 1 Open the USB port cover.
- 2 Plug in the USB device using an appropriate cable.

NOTE

To automatically switch to [USB] source when a USB device is connected to the unit, set [USB AUTO] to [ON] in the SYSTEM settings (page 14).

⚠ CAUTION

Use a USB cable (sold separately) to connect the USB device as any device connected directly to the unit will protrude out from the unit, which could be dangerous.

Before removing the device, stop playback.

AOA connections

For details on AOA connection, see page 11.

MTP connection

A device installed with Android OS 4.0 or most of later versions can be connected to the unit via MTP, using the cable supplied with the device. However, depending on the connected device, OS version or the numbers of the files in the device, audio files/songs may not be able to be played back via MTP. Note that MTP connection is not compatible with WAV and FLAC file formats.

NOTE

If you use an MTP connection, [ANDROID WIRED] needs to be set to [MEMORY] in the SYSTEM settings (page 14).

AUX

- 1 Insert the stereo mini plug into the AUX input jack.
- 2 Press SRC/OFF to select [AUX] as the source.

NOTE

If [AUX] is set to [OFF] in the SYSTEM settings, [AUX] cannot be selected as a source (page 14).

Operations

You can make various adjustments in the FUNCTION settings (page 12).

Note that the following operations do not work for an AUX device. To operate an AUX device, use the device itself.

Purpose	Operation
Select a folder*1	Press 1/∧ or 2/∨ .
Select a track/song	Press ⏮ or ⏭ .
Fast forward or reverse*2	Press and hold ⏮ or ⏭ .
Search for a file from a list	<ol style="list-style-type: none"> 1 Press and hold BASS to display the list. 2 Turn the M.C. dial to select the desired file (folder) name or category, then press to confirm. 3 Turn the M.C. dial to select the desired file, then press to confirm. Playback starts.
View a list of the files in the selected folder/category*1	Press the M.C. dial when a folder/category is selected.
Play a song in the selected folder/category*1	Press and hold the M.C. dial when a folder/category is selected.
Repeat play	Press 6/↺ .
Random play	Press 5/↻ .
Pause/resume playback	Press 4/PAUSE .
Return to root folder (CD/USB only)*1	Press and hold 1/∧ .
Switch between compressed audio and CD-DA (CD only)	Press BAND/↶ .
Change drives in USB device (Devices that support the USB mass storage device class protocol only)	Press BAND/↶ .

*1 Compressed audio files only

*2 When you use the fast forward or reverse function while playing a VBR file, the playback time may be not correct.

Using Pioneer ARC APP

You can operate the unit from Pioneer ARC APP installed on an Android device. In some cases, you can control aspects of the application, such as source selection, pause, etc., by using the unit.

For details on what operations are available on the application, see the application's help section.

⚠ WARNING

Do not attempt to operate the application while driving. Make sure to pull off the road and park your vehicle in a safe location before attempting to use the controls on the application.

For Android device users

This function is compatible with a phone that runs Android 4.1 up to 7.1.2 and also supports AOA (Android Open Accessory) 2.0, but the compatibility depends on the smartphone.

You can download Pioneer ARC APP on Google Play™.

NOTE

Some Android devices connected via AOA 2.0 may not work properly or emit sounds due to their own software design, regardless of the OS version.

Making a connection with Pioneer ARC APP

- 1** Press the **M.C.** dial to display the main menu.
- 2** Turn the **M.C.** dial to select [SYSTEM], then press to confirm.
- 3** Turn the **M.C.** dial to select [ANDROID WIRED], then press to confirm.
- 4** Turn the **M.C.** dial to select [APP CONTROL], then press to confirm.
- 5** Turn the **M.C.** dial to select [P.APP AUTO ON], then press to confirm.
- 6** Turn the **M.C.** dial to select [ON], then press to confirm.
- 7** Connect this unit with the Android device via USB.
Pioneer ARC APP on the device starts automatically.

NOTE

If Pioneer ARC APP has not been installed on your Android device yet, a message that prompts you to install the application will appear on your Android device. Select [OFF] in [P.APP AUTO ON] to clear the message (page 14).

Listening to music on Android

- 1** Press **SRC/OFF** to select [ANDROID].

Basic operations

Purpose	Operation
Select a track	Press ◀◀ or ▶▶ .
Fast forward or reverse	Press and hold ◀◀ or ▶▶ .

Purpose	Operation
Pause/resume playback	Press 4/PAUSE .

Settings

You can adjust various settings in the main menu.


- 1 Press the **M.C.** dial to display the main menu.
- 2 Turn the **M.C.** dial to select one of the categories below, then press to confirm.
 - FUNCTION settings (page 12)
 - AUDIO settings (page 13)
 - SYSTEM settings (page 14)
 - ILLUMINATION settings (page 14)
- 3 Turn the **M.C.** dial to select the options, then press to confirm.

FUNCTION settings

The menu items vary according to the source.

Menu Item	Description
BSM <input type="button" value="RADIO"/>	Store the six strongest stations on the number buttons (1/▲ to 6/↶) automatically.
LOCAL <input type="button" value="RADIO"/>	Restrict the tuning station according to the signal strength.
FM: [OFF], [LV1], [LV2], [LV3], [LV4] AM: [OFF], [LV1], [LV2]	
SEEK <input type="button" value="RADIO"/>	Assign ◀◀ or ▶▶ buttons to seek the stations one by one (manual tuning) or select a station from the preset channels.
S.RTRV <input type="button" value="CD"/> <input type="button" value="USB"/> <input type="button" value="ANDROID"/>	Enhance compressed audio and restore rich sound.
[1] (effective for low compression rates), [2] (effective for high compression rates), [OFF]	Not available when: <ul style="list-style-type: none"> • CD-DA/CD-TEXT is played back. • The FLAC file is played back.

AUDIO settings

Menu Item	Description
FADER*1	Adjust the front and rear speaker balance.
BALANCE	Adjust the left and right speaker balance.
EQ SETTING	<p>Select or customize the equalizer curve. [CUSTOM1] can be set separately for each source. However, each of the below combinations are set to the same setting automatically. [CUSTOM2] is a shared setting used for all sources.</p> <p>Select an equalizer band and level for further customizing. You can also switch the equalizer by pressing EQ  repeatedly.</p> <p>Equalizer band: [80HZ], [250HZ], [800HZ], [2.5KHZ], [8KHZ]</p> <p>Equalizer level: [+6] to [-6]</p>
LOUDNESS	Compensate for clear sound at low volume.
SUB.W*2	Select the subwoofer phase.
SUB.W CTRL*2*3	Only frequencies lower than those in the selected range are output from the subwoofer.
BASS BOOST	Select the bass boost level.
HPF SETTING	Only frequencies higher than the high-pass filter (HPF) cutoff are output from the speakers.
SLA	Adjust the volume level for each source except FM.

*1 Not available when [SUB.W/SUB.W] is selected in [SP-P/O MODE] in the INITIAL settings (page 7).

*2 Not available when [REAR/REAR] is selected in [SP-P/O MODE] in the INITIAL settings (page 7).

*3 Not available when [OFF] is selected in [SUB.W].

SYSTEM settings

You can also access to these menus when the unit is turned off.

Menu Item	Description
CLOCK SET	
	Set the clock (page 6).
12H/24H	
[12H], [24H]	Select the time notation.
SCROLL SET	
[ONCE], [LOOP], [OFF]	Select the way to scroll the text in the display window.
AUX	
[ON], [OFF]	Set to [ON] when using an auxiliary device connected to the unit.
ANDROID WIRED	
[MEMORY], [APP CONTROL]	Select the appropriate connection method for an Android device.
P.APP AUTO ON	
[ON], [OFF]	Select [ON] to automatically launch Pioneer ARC APP when an Android device is connected to the unit via AOA. (Not available when [MEMORY] is selected in [ANDROID WIRED].)
USB AUTO	
[ON], [OFF]	Select [ON] to automatically switch to [USB] source when a USB device is connected to the unit. Select [OFF] when a USB device is being connected to the unit just for charging.

ILLUMINATION settings

Menu Item	Description
DIM SETTING	
[SYNC CLOCK], [MANUAL]	Select the way to change the display brightness.

Menu Item	Description
BRIGHTNESS [1] to [10]	Change the display brightness. The available setting ranges differ depending on [DIM SETTING].

Additional Information

Troubleshooting

The display automatically returns to the normal display.

- No operations have been made for about 30 seconds.
 - Perform an operation.

The repeat play range changes unexpectedly.

- Depending on the repeat play range, the selected range may change when another folder or track is being selected or during fast forwarding/reversing.
 - Select the repeat play range again.

A subfolder is not played back.

- Subfolders cannot be played when [FLD] (folder repeat) is selected.
 - Select another repeat play range.

The sound is intermittent.

- You are using a device, such as a cellular phone, that may cause audible interference.
 - Move electrical devices that may be causing the interference away from the unit.

Error messages

Common

AMP ERROR

- This unit fails to operate or the speaker connection is incorrect.
- The protective circuit is activated.
 - Check the speaker connection.
 - Turn the ignition switch OFF and back to ON again. If the message remains, contact your dealer or an authorized Pioneer Service Station for assistance.

NO XXXX (NO TITLE, for example)

- There is no embedded text information.
 - Switch the display or play another track/file.

CD player

ERROR-07, 11, 12, 17, 30

- The disc is dirty.
 - Clean the disc.
- The disc is scratched.
 - Replace the disc.

ERROR-07, 10, 11, 12, 15, 17, 30, A0

- There is an electrical or mechanical error.
 - Turn the ignition switch OFF and back to ON, or switch to a different source, then back to the CD player.

ERROR-15

- The inserted disc is blank.
 - Replace the disc.

ERROR-23

- Unsupported CD format.
 - Replace the disc.

FORMAT READ

- Sometimes there is a delay between the start of playback and when you start to hear any sound.
 - Wait until the message disappears and you hear sound.

NO AUDIO

- The inserted disc does not contain any playable files.
 - Replace the disc.

SKIPPED

- The inserted disc contains DRM protected files.
 - The protected files are skipped.

PROTECT

- All the files on the inserted disc are embedded with DRM.
 - Replace the disc.

USB device**FORMAT READ**

- Sometimes there is a delay between the start of playback and when you start to hear any sound.
 - Wait until the message disappears and you hear sound.

NO AUDIO

- There are no songs.
 - Transfer the audio files to the USB device and connect.
- The connected USB device has security enabled.
 - Follow the USB device instructions to disable the security.

SKIPPED

- The connected USB device contains DRM protected files.
 - The protected files are skipped.

PROTECT

- All the files on the connected USB device are embedded with DRM.
 - Replace the USB device.

N/A USB

- The connected USB device is not supported by this unit.
 - Disconnect your device and replace it with a compatible USB device.

HUB ERROR

- The USB device connected via a USB hub is not supported by this unit.
 - Connect the USB device directly to this unit using a USB cable.

CHECK USB

- The USB connector or USB cable has short-circuited.

- Check that the USB connector or USB cable is not caught in something or damaged.

- The connected USB device consumes more than maximum allowable current.
 - Disconnect the USB device and do not use it. Turn the ignition switch OFF and back to ACC or ON. Connect only compliant USB devices.

ERROR-19

- Communication failed.
 - Perform one of the following operations, then return to the USB source.
 - Disconnect the USB device.
 - Change to a different source.

ERROR-23

- USB device was not formatted properly.
 - Format the USB device with FAT12, FAT16 or FAT32.

Handling guidelines**Discs and player**

- Use only discs that feature either of the following two logos.



- Use 12-cm discs.
- Use only conventional, fully circular discs.
- The following types of discs cannot be used with this unit:
 - DualDiscs
 - 8-cm discs: Attempts to use such discs with an adaptor may cause the unit to malfunction.
 - Oddly shaped discs
 - Discs other than CDs
 - Damaged discs, including discs that are cracked, chipped or warped

- CD-R/RW discs that have not been finalized
- Do not write on or apply chemicals to the surface of the discs.
- To clean a CD, wipe the disc with a soft cloth outward from the center.
- Condensation may temporarily impair the player's performance. Let it rest for about one hour to adjust to a warmer temperature. Also, wipe any damp discs off with a soft cloth.
- When using discs that can be printed on label surfaces, check the instructions and the warnings of the discs. Depending on the discs, inserting and ejecting may not be possible. Using such discs may result in damage to this equipment.
- Do not attach commercially available labels or other materials to the discs.
 - The discs may warp making the disc unplayable.
 - The labels may come off during playback and prevent ejection of the discs, which may result in damage to the equipment.

USB storage device

- Connections via USB hubs are not supported.
- Firmly secure the USB storage device before driving. Do not let the USB storage device fall onto the floor, where it may become jammed under the brake or accelerator pedal.
- Depending on the USB storage device, the following problems may occur.
 - Operations may vary.
 - The storage device may not be recognized.
 - Files may not be played back properly.
 - The device may cause audible interference when you are listening to the radio.

Compressed audio compatibility

- Only the first 32 characters can be displayed as a file name (including the file extension) or a folder name.
- The unit may not work properly depending on the application used to encode WMA files.
- There may be a slight delay at the start of the playback of audio files embedded with image data, or audio files stored on a USB device with numerous folder hierarchies.

CAUTION

- Pioneer cannot guarantee compatibility with all USB mass storage devices, and assumes no responsibility for any loss of data on media players, smartphones, or other devices while using this product.
- Do not leave discs or a USB storage device in any place that is subject to high temperatures.

WMA files

File extension	.wma
Bit rate	48 kbps to 320 kbps (CBR), 48 kbps to 384 kbps (VBR)
Sampling frequency	32 kHz, 44.1 kHz, 48 kHz
Windows Media™ Audio Professional, Lossless, Voice/DRM Stream/Stream with video	Not compatible

MP3 files

File extension	.mp3
Bit rate	8 kbps to 320 kbps (CBR), VBR

Sampling frequency	8 kHz to 48 kHz (32 kHz, 44.1 kHz, 48 kHz for emphasis)
Compatible ID3 tag version	1.0, 1.1, 2.2, 2.3, 2.4 (ID3 tag Version 2.x is given priority over Version 1.x.)
M3u playlist	Not compatible
MP3i (MP3 interactive), mp3 PRO	Not compatible

WAV files

- WAV file formats cannot be connected via MTP.

File extension	.wav
Quantization bits	8 and 16 (LPCM)
Sampling frequency	16 kHz to 48 kHz (LPCM)

FLAC files

- FLAC file formats cannot be connected via MTP.
- FLAC files may not be playable, depending on the encoder.

File extension	.flac
Sampling frequency	8/11.025/12/16/22.05/24/32/44.1/48 kHz
Quantization bit rate	16 bit
Channel mode	1/2 ch

Disc

- Regardless of the length of the blank section between the songs from the original recording, compressed audio discs play with a short pause between songs.

Playable folder hierarchy	Up to eight tiers (A practical hierarchy is less than two tiers.)
Playable folders	Up to 99
Playable files	Up to 999

File system	ISO 9660 Level 1 and 2, Romeo, Joliet
Multi-session playback	Compatible
Packet write data transfer	Not compatible

USB device

- There may be a slight delay when starting playback of audio files on a USB storage device with numerous folder hierarchies.

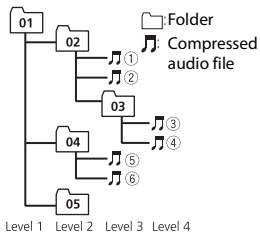
Playable folder hierarchy	Up to eight tiers (A practical hierarchy is less than two tiers.)
Playable folders	Up to 500
Playable files	Up to 15 000
Playback of copyright-protected files	Not compatible
Partitioned USB device	Only the first partition can be played.

Sequence of audio files

The user cannot assign folder numbers and specify playback sequences with this unit. Sequence of audio file depends on the connected device.

Note that the hidden files in a USB device cannot be played back.

Example of a hierarchy



Level 1 Level 2 Level 3 Level 4

01 to 05: Folder number

① to ⑥: Playback sequence

Copyright and trademark

WMA

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FLAC

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Specifications

General

Power source: 14.4 V DC (10.8 V to 15.1 V allowable)

Grounding system: Negative type

Maximum current consumption: 10.0 A

Dimensions (W × H × D):

DIN

Chassis: 178 mm × 50 mm × 165 mm
 (7 in. × 2 in. × 6-1/2 in.)

Nose: 188 mm × 58 mm × 17 mm
 (7-3/8 in. × 2-1/4 in. × 5/8 in.)

D

Chassis: 178 mm × 50 mm × 165 mm
(7 in. × 2 in. × 6-1/2 in.)

Nose: 170 mm × 46 mm × 17 mm (6-3/4 in. × 1-3/4 in. × 5/8 in.)

Weight: 1 kg (2.2 lbs)

Audio

Maximum power output:

- 50 W × 4 ch/4 Ω (for no subwoofer)
- 50 W × 2 ch/4 Ω + 70 W × 1 ch/2 Ω (for subwoofer)

Continuous power output:

22 W × 4 (50 Hz to 15 000 Hz, 5 % THD, 4 Ω load, both channels driven)

Load impedance: 4 Ω (4 Ω to 8 Ω allowable)

Preout maximum output level: 2.0 V

Loudness contour: +10 dB (100 Hz), +6.5 dB (10 kHz) (volume: -30 dB)

Equalizer (5-Band Graphic Equalizer):

Frequency: 80 Hz/250 Hz/800 Hz/2.5 kHz/8 kHz

Equalization range: ±12 dB (2 dB step)

Subwoofer (mono):

Frequency: 50 Hz/63 Hz/80 Hz/100 Hz/125 Hz/160 Hz/200 Hz

Slope: -12 dB/oct, -24 dB/oct

Gain: +6 dB to -24 dB

Phase: Normal/Reverse

CD player

System: Compact disc audio system

Usable discs: Compact disc

Signal-to-noise ratio: 94 dB (1 kHz) (IHF-A network)

Number of channels: 2 (stereo)

MP3 decoding format: MPEG-1 & 2 Audio Layer 3

WMA decoding format: Ver. 7, 8, 9, 9.1, 9.2 (2 ch audio)

WAV signal format: Linear PCM (Non-compressed)

USB

USB standard specification: USB 2.0 full speed

Maximum current supply: 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 & 2 Audio Layer 3

WMA decoding format: Ver. 7, 8, 9, 9.1, 9.2 (2 ch audio)

FLAC decoding format: v1.3.0 (Free Lossless Audio Codec)

WAV signal format: Linear PCM (Non-compressed)

FM tuner

Frequency range: 87.9 MHz to 107.9 MHz

Usable sensitivity: 11 dBf (1.0 μV/75 Ω, mono, S/N: 30 dB)

Signal-to-noise ratio: 72 dB (IHF-A network)

AM tuner

Frequency range: 530 kHz to 1 710 kHz

Usable sensitivity: 25 μV (S/N: 20 dB)

Signal-to-noise ratio: 62 dB (IHF-A network)

CTA2006 Specifications



Power output: 14 W RMS × 4 Channels (4 Ω and ≤ 1 % THD+N)

S/N ratio: 91 dBA (reference: 1 W into 4 Ω)

NOTE

Specifications and the design are subject to modifications without notice.

Visit our website / Visitez notre site Web / Visite nuestro sitio Web

Register your product at
Enregistrez votre produit au
Registre su producto en

<http://www.pioneerelectronics.com>

in Canada
au Canada <http://www.pioneerelectronics.ca>
en Canadá

-
- Learn about product updates (such as firmware updates) for your product.
 - Register your product to receive notices about product updates and to safeguard purchase details in our files in the event of loss or theft.
 - Access owner's manuals, spare parts information, service information, and much more.
-
- Informez-vous sur les mises à jour disponibles pour votre produit (telles que les mises à jour du firmware).
 - Enregistrez votre produit afin de recevoir des notifications concernant les mises à jour du produit, ainsi que pour sauvegarder les détails de votre achat dans nos fichiers en cas de perte ou de vol.
 - Accédez aux modes d'emploi, aux informations relatives aux pièces de rechange et à l'entretien, et à beaucoup d'autres informations.
-
- Infórmese de las últimas actualizaciones (por ejemplo, actualizaciones de firmware) para su producto.
 - Registre su producto para recibir información sobre actualizaciones del producto y para mantener la seguridad de los detalles de su compra en nuestros archivos en caso de pérdida o robo.
 - Acceso a manuales de instrucciones, información sobre piezas de recambio y mucho más.

PIONEER CORPORATION

28-8, Honkomagome 2-chome, Bunkyo-ku,
Tokyo 113-0021, Japan

PIONEER ELECTRONICS (USA) INC.

P.O. Box 1540, Long Beach, California 90801-1540, U.S.A.
TEL: (800) 421-1404

PIONEER EUROPE NV

Haven 1087, Keetberglaan 1, B-9120 Melsele, Belgium/Belgique
TEL: (0) 3/570.05.11

PIONEER ELECTRONICS ASIACENTRE PTE. LTD.

2 Jalan Kilang Barat, #07-01, Singapore 159346
TEL: 65-6378-7888

PIONEER ELECTRONICS AUSTRALIA PTY. LTD.

5 Arco Lane, Heatherton, Victoria, 3202 Australia
TEL: (03) 9586-6300

PIONEER ELECTRONICS DE MÉXICO S.A. DE C.V.

Bldv. Manuel Ávila Camacho 138, 10 piso
Col.Lomas de Chapultepec, México, D.F. 11000
Tel: 52-55-9178-4270, Fax: 52-55-5202-3714

先鋒股份有限公司

台北市內湖區瑞光路407號8樓
電話：886-(0) 2-2657-3588

先鋒電子(香港)有限公司

香港九龍長沙灣道909號5樓
電話：852-2848-6488

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<OPM_DEHS1200UBUC_3L_A> UC

Pioneer

CD RDS RECEIVER
AUTORADIO CD RDS
REPRODUCTOR DE CD CON RECEPTOR RDS

DEH-S1200UB

Quick start guide Guide de démarrage rapide Guía de inicio rápido

Important (Serial number)

The serial number is located on the bottom of this unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.

Important (Numéro de série)

Le numéro de série se trouve au bas de cet appareil. Pour votre sécurité et votre commodité, veuillez à noter ce numéro sur la carte de garantie fournie.

Importante (Número de serie)

El número de serie se encuentra en la parte inferior de esta unidad. Por su propia seguridad y comodidad, asegúrese de anotar este número en la tarjeta de garantía que se adjunta.

QRD3768-A

English

This guide is intended to guide you through the basic functions of this unit. For details, please refer to the Operation manual stored on the website.
<https://www.pioneerelectronics.com/PUSA/Support>

Before You Start

Thank you for purchasing this PIONEER product

To ensure proper use, please read through this guide before using this product. It is especially important that you read and observe **WARNINGS** and **CAUTIONS** in this guide. Please keep the guide in a safe and accessible place for future reference.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

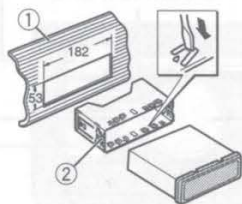
Note

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

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

DIN mount installation

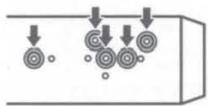
- 1 Insert the supplied mounting sleeve into the dashboard.
- 2 Secure the mounting sleeve by using a screwdriver to bend the metal tabs (90°) into place.



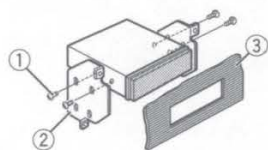
- ① Dashboard
 - ② Mounting sleeve
- Make sure that the unit is installed securely in place. An unstable installation may cause skipping or other malfunctions.

When not using the supplied mounting sleeve

- 1 Determine the appropriate position where the holes on the bracket and the side of the unit match.



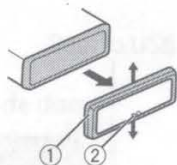
- 2 Tighten the screws on each side.



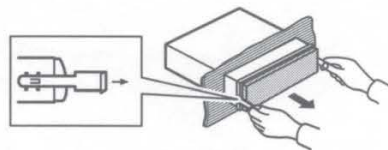
- ① Screw
 - ② Mounting bracket
 - ③ Dashboard or console
- Use either truss (5 mm × 9 mm) or flush surface (5 mm × 9 mm) screws, depending on the bracket screw holes.

Removing the unit (installed with the supplied mounting sleeve)

- 1 Remove the trim ring.

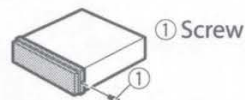


- ① Trim ring
 - ② Notched tab
- Releasing the front panel allows easier access to the trim ring.
 - When reattaching the trim ring, point the side with the notched tab down.
- 2 Insert the supplied extraction keys into both sides of the unit until they click into place.
 - 3 Pull the unit out of the dashboard.



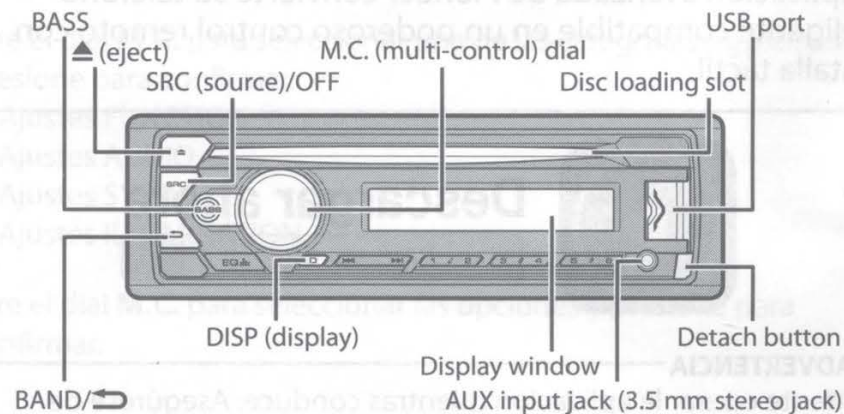
To secure the front panel

The front panel can be secured with the supplied screw.



Basic operation

DEH-S1200UB



FEDERAL COMMUNICATIONS COMMISSION SUPPLIER'S DECLARATION OF CONFORMITY

Product Name: CD RDS RECEIVER

Model Number: DEH-S1200UB

Responsible Party Name: PIONEER ELECTRONICS (USA), INC. SERVICE SUPPORT DIVISION

Address: 2050 W. 190TH STREET, SUITE 100 TORRANCE, CA 90504, U.S.A.

Phone: 1-310-952-2915

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

The Safety of Your Ears is in Your Hands

Get the most out of your equipment by playing it at a safe level—a level that lets the sound come through clearly without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving.

Over time, your hearing “comfort level” adapts to higher volumes of sound, so what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

ESTABLISH A SAFE LEVEL:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Once you have established a comfortable sound level, set the dial and leave it there.

BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:

- Do not turn up the volume so high that you can't hear what's around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle; the use of headphones may create a traffic hazard and is illegal in many areas.

⚠ WARNING

- Rear visibility systems (backup cameras) are required in certain new vehicles sold in the U.S. and Canada. U.S. regulations began according to a two year phase-in on May 1, 2016, and both the U.S. and Canada require that all such vehicles manufactured on or after May 1, 2018 have rear visibility systems. **Owners of vehicles equipped with compliant rear visibility systems should not install or use this product in a way that alters or disables that system.** If you are unsure whether your vehicle has a rear visibility system subject to the U.S. or Canadian regulations, please contact the vehicle manufacturer or dealer.
- **Do not attempt to install or service this product by yourself. Installation or servicing of this product by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock, injury or other hazards.**
- Do not attempt to operate the unit while driving. Make sure to pull off the road and park your vehicle in a safe location before attempting to use the controls on the device.
- This product contains chemicals known to the State of California and other governmental entities to cause cancer and birth defects or other reproductive harm. **Wash hands after handling.**

⚠ CAUTION

- Do not allow this unit to come into contact with moisture and/or liquids. Electrical shock could result. Also, damage to this unit, smoke, and overheating could result from contact with liquids.
- Always keep the volume low enough to hear outside sounds.
- This product is evaluated in moderate and tropical climate condition under the Audio, video and similar electronic apparatus - Safety requirements, IEC 60065.

CAUTION

This product is a Class 1 laser product classified under the safety standard, IEC 60825-1:2014.

CLASS 1 LASER PRODUCT

CAUTION:

USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION:

THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

After-sales service for Pioneer products

Please contact the dealer, distributor from where you purchased this unit or the authorized PIONEER Service Station for after-sales service or any other information. In case the necessary information is not available, please contact the companies listed below:

Please do not ship your unit to the companies at the addresses listed below for repair without contacting them in advance.

U.S.A. and CANADA

Pioneer Electronics (USA) Inc.
CUSTOMER SUPPORT DIVISION
P.O. Box 1760
Long Beach, CA 90801-1760
800-421-1404

For warranty information please see the Limited Warranty sheet included with this unit.

About the main menu

You can adjust various settings in the main menu.

- 1 Press the **M.C.** dial to display the main menu.
- 2 Turn the **M.C.** dial to select one of the categories below, then press to confirm.
 - FUNCTION settings
 - AUDIO settings
 - SYSTEM settings
 - ILLUMINATION settings
- 3 Turn the **M.C.** dial to select the options, then press to confirm.

Frequently used operations

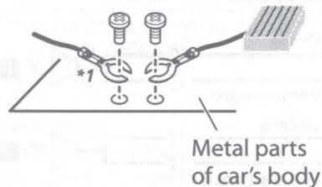
Purpose	Operation
Turn on the power	Press SRC/OFF to turn on the power. Press and hold SRC/OFF to turn off the power.
Adjust the volume	Turn the M.C. dial.
Select a source	Press SRC/OFF repeatedly.
Change the display information	Press DISP repeatedly.
Return to the previous display/list	Press BAND/↵ .
Return to the normal display from the menu	Press and hold BAND/↵ .
Change the display brightness	Press and hold BAND/↵ .
Boost the bass level	Press BASS . • You can select the bass level in [BASS BOOST].

Connections

⚠ WARNING

- When speaker output is used by 4 channels, use speakers rated over 50 W (maximum input power) and between 4 Ω to 8 Ω (impedance value). Do not use 1 Ω to 3 Ω speakers for this unit.
- When rear speaker output is used by a 2 Ω subwoofer, use speakers rated for over 70 W.
- * Please refer to connections for a connection method.
- The black cable is ground. When installing this unit or power amp (sold separately), make sure to connect the ground wire first. Ensure that the ground wire is properly connected to metal parts of the car's body. The ground wire of the power amp and the one of this unit or any other device must be connected to the car separately with different screws. If the screw for the ground wire loosens or falls out, it could result in fire, generation of smoke or malfunction.

Two devices connected to the car separately (ground wires)



*1 Not supplied for this unit

🔧 Important

- When installing this unit in a vehicle without an ACC (accessory) position on the ignition switch, failure to connect the red cable to the terminal that detects operation of the ignition key may result in battery drain.




ACC position

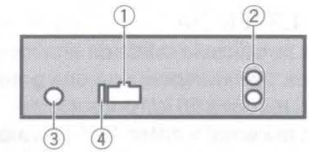


No ACC position

- Use this unit with a 12-volt battery and negative grounding only. Failure to do so may result in a fire or malfunction.
- To prevent a short-circuit, overheating or malfunction, be sure to follow the directions below.
 - Disconnect the negative terminal of the battery before installation.
 - Secure the wiring with cable clamps or adhesive tape. Wrap adhesive tape around wiring that comes into contact with metal parts to protect the wiring.
 - Place all cables away from moving parts, such as the shift lever and seat rails.
 - Place all cables away from hot places, such as near the heater outlet.
 - Do not connect the yellow cable to the battery by passing it through the hole to the engine compartment.
 - Cover any disconnected cable connectors with insulating tape.
 - Do not shorten any cables.
 - Never cut the insulation of the power cable of this unit in order to share the power with other devices. The current capacity of the cable is limited.
 - Use a fuse of the rating prescribed.
 - Never wire the negative speaker cable directly to ground.
 - Never band together negative cables of multiple speakers.

- When this unit is on, control signals are sent through the blue/white cable. Connect this cable to the system remote control of an external power amp or the vehicle's auto-antenna relay control terminal (max. 300mA 12 V DC). If the vehicle is equipped with a glass antenna, connect it to the antenna booster power supply terminal.
- Never connect the blue/white cable to the power terminal of an external power amp. Also, never connect it to the power terminal of the auto antenna. Doing so may result in battery drain or a malfunction.
- The graphical symbol  placed on the product means direct current.
- The function and audio settings other than the setting of RCA pre-outs are stored in memory if the unit is disconnected from power supply.

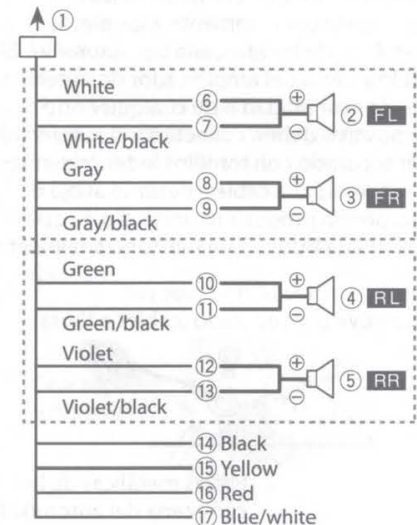
This unit



- ① Power cord input
- ② Rear output or subwoofer output
- ③ Antenna input
- ④ Fuse (10 A)

Power cord

Perform these connections when not connecting a rear speaker or middle range speaker lead to a subwoofer.



Setup operation

When you turn the ignition switch to ON after installation, [SET UP :YES] appears in the display.

- 1 Press the **M.C.** dial.
- 2 Turn the **M.C.** dial to adjust the hour, then press to confirm.
The indicator moves to the minute setting automatically.
- 3 Turn the **M.C.** dial to adjust the minute, then press to confirm.
- 4 [QUIT :YES] appears when all the settings have been made.
- 5 Press the **M.C.** dial to confirm the settings.

Tuner operation

Receiving preset stations

- 1 Press **SRC/OFF** to select [RADIO].
- 2 Press **BAND/↵** to select the band.
[FM1] ↔ [FM2] ↔ [FM3] ↔ [AM]
- 3 Press a number button (1/∧ to 6/⇨).

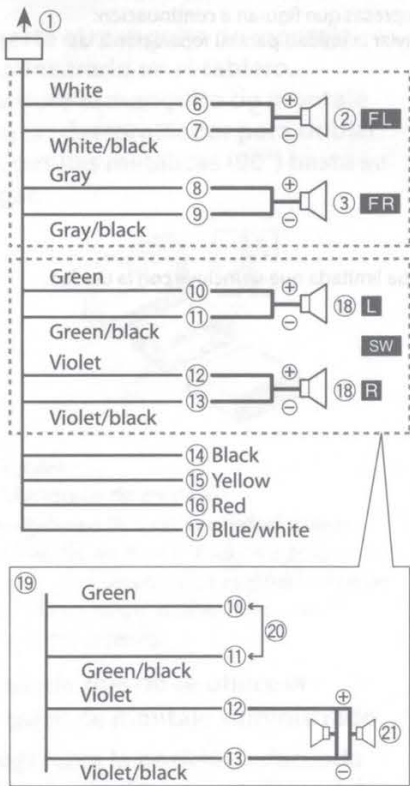
Best stations memory (BSM)

- 1 After selecting the band, press the **M.C.** dial to display the main menu.
- 2 Turn the **M.C.** dial to select [FUNCTION], then press to confirm.
- 3 Turn the **M.C.** dial to select [BSM], then press to confirm.

To store stations manually

- 1 While receiving the station you want to store, press and hold one of the number buttons (1/∧ to 6/⇨) until it stops flashing.

Perform these connections when using a subwoofer without the optional amplifier.



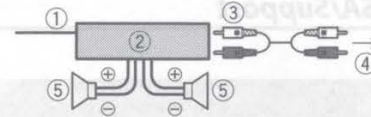
Important

In the case of ⑲ above, two 4 Ω subwoofers wired in parallel will represent a 2 Ω load.

- ① To power cord input
- ② Front left speaker
- ③ Front right speaker
- ④ Rear left speaker
- ⑤ Rear right speaker
- ⑥ White
- ⑦ White/black
- ⑧ Gray
- ⑨ Gray/black
- ⑩ Green
- ⑪ Green/black
- ⑫ Violet
- ⑬ Violet/black
- ⑭ Black (chassis ground)
Connect to a clean, paint-free metal location.
- ⑮ Yellow
Connect to the constant 12 V supply terminal.
- ⑯ Red
Connect to terminal controlled by the ignition switch (12 V DC).
- ⑰ Blue/white
Connect to the system control terminal of the power amp or auto-antenna relay control terminal (max. 300 mA 12 V DC).
- ⑱ Subwoofer (4 Ω)
- ⑲ When using a subwoofer of 2 Ω, be sure to connect the subwoofer to the violet and violet/black leads of this unit. Do not connect anything to the green and green/black leads.
- ⑳ Not used.
- ㉑ Subwoofer (4 Ω) × 2

Power amp (sold separately)

Perform these connections when using the optional amplifier.

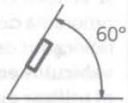


- ① System remote control
Connect to blue/white cable.
- ② Power amp (sold separately)
- ③ Connect with RCA cables (sold separately)
- ④ To rear output or subwoofer output
- ⑤ Rear speaker or subwoofer

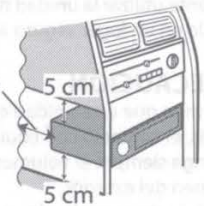
Installation

Important

- Check all connections and systems before final installation.
- Do not use unauthorized parts as this may cause malfunctions.
- Consult your dealer if installation requires drilling of holes or other modifications to the vehicle.
- Do not install this unit where:
 - it may interfere with operation of the vehicle.
 - it may cause injury to a passenger as a result of a sudden stop.
- Install this unit away from hot places such as near the heater outlet.
- Optimum performance is obtained when the unit is installed at an angle of less than 60°.
- When installing, to ensure proper heat dispersal when using this unit, make sure you leave ample space behind the rear panel and wrap any loose cables so they are not blocking the vents.



Leave ample space



CD/USB/AUX operation

CD

- 1 Insert a disc into the disc loading slot with the label side up.

To eject a disc, stop playback first then press ▲.

USB

- 1 Open the USB port cover.
- 2 Plug in the USB device using an appropriate cable.

MTP connection

A device installed with Android OS 4.0 or most of later versions can be connected to the unit via MTP, using the cable supplied with the device. However, depending on the connected device, OS version or the numbers of the files in the device, audio files/songs may not be able to be played back via MTP.

NOTE

If you use an MTP connection, [ANDROID WIRED] needs to be set to [MEMORY] in the SYSTEM settings.

AUX

- 1 Insert the stereo mini plug into the AUX input jack.
- 2 Press **SRC/OFF** to select [AUX] as the source.

Making a connection with Pioneer ARC APP

Pioneer's Advanced app converts your compatible smartphone into a powerful touchscreen remote control.



Download Now

Pioneer ARC



⚠ WARNING

Do not attempt to operate the application while driving. Make sure to pull off the road and park your vehicle in a safe location before attempting to use the controls on the application.

NOTE

This function is compatible with a phone that runs Android 4.1 up to 7.1.2 and also supports AOA (Android Open Accessory) 2.0, but the compatibility depends on the smartphone.

- 1 Enter the SYSTEM menu (refer to "About the main menu").
- 2 Turn the **M.C.** dial to select [ANDROID WIRED], then press to confirm.
- 3 Turn the **M.C.** dial to select [APP CONTROL], then press to confirm.
- 4 Turn the **M.C.** dial to select [P.APP AUTO ON], then press to confirm.
- 5 Turn the **M.C.** dial to select [ON], then press to confirm.
- 6 Connect this unit with the Android device via USB. Pioneer ARC APP on the device starts automatically.



PIONEER ELECTRONICS (USA) INC.

LIMITED WARRANTY

WARRANTY VALID ONLY IN COUNTRY OF PRODUCT PURCHASE

WARRANTY

Pioneer Electronics (USA) Inc. (Pioneer) warrants that Pioneer® Car Electronics, Speaker, and Accessory Products distributed by Pioneer in the U.S.A. and Canada that fail to function properly under normal use due to a manufacturing defect when installed and operated according to the owner's manual enclosed with the unit will be repaired or replaced with a unit of comparable value, at Pioneer's option, without charge to you for parts or actual repair work. Replacement units and/or parts supplied under this warranty may be new or rebuilt at Pioneer's option.

This Limited Warranty applies to the original or any subsequent owner of this Pioneer product during the warranty period provided the product was purchased from an authorized Pioneer dealer in the U.S.A. or Canada. You will be required to provide a sales receipt or other valid proof of purchase showing the date of original purchase. In the event service is required, the product must be delivered within the warranty period, transportation prepaid, only from within the country of purchase as explained in this document. You will be responsible for removal and installation of the product. Pioneer will pay to return the repaired or replacement product to you within the country of purchase.

PRODUCT WARRANTY PERIOD (Runs from the date of first retail sale)

	<u>Parts</u>	<u>Labor</u>
Car Electronics, Speakers, and Accessories	1 Year	1 Year

WHAT IS NOT COVERED

This Limited Warranty applies to Pioneer products that are purchased from an authorized Pioneer dealer. IF THIS PRODUCT WAS PURCHASED FROM ANY OTHER SOURCE, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND THIS PRODUCT IS SOLD STRICTLY "AS IS" AND "WITH ALL FAULTS". PIONEER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL AND/OR INCIDENTAL DAMAGES. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Pioneer does not warrant any product listed above when it is used in a trade or business or in any industrial or commercial application. This warranty does not apply if the product has been subjected to power in excess of its published power rating. This warranty does not cover cosmetic scratches or any other appearance item; damage or defects resulting from alterations or modifications not authorized in writing by Pioneer; accident, collisions, misuse or abuse; the use of unauthorized parts or labor; improper installation or maintenance; lightning or power surges; subsequent damage from leaking; damage from inoperative batteries; or the use of batteries not conforming to those specified in the owner's manual. This warranty does not cover the cost of parts or labor that would otherwise be provided without charge under this warranty obtained from any source other than Pioneer. Altered, defaced, or removed serial numbers void this warranty.

NO OTHER WARRANTIES

TO THE FULLEST EXTENT PERMITTED BY LAW, PIONEER MAKES NO REPRESENTATIONS OR WARRANTIES OR ACCEPTS ANY CONDITIONS WITH RESPECT TO THIS PRODUCT EXCEPT AS STATED IN THIS DOCUMENT. PIONEER LIMITS ITS OBLIGATIONS UNDER ANY IMPLIED WARRANTIES AND CONDITIONS INCLUDING, BUT NOT LIMITED TO, WARRANTIES AND CONDITIONS, WHETHER EXPRESS OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO A PERIOD NOT TO EXCEED THE WARRANTY PERIOD. NO WARRANTIES OR CONDITIONS SHALL APPLY AFTER THE WARRANTY PERIOD. Some states and provinces do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province. To the extent any provision of this limited warranty is deemed invalid or unenforceable under applicable law, such determination will have no effect on the remaining provisions, which will continue in full force and effect.

TO OBTAIN SERVICE

In the U.S.A. or Canada, to receive warranty service, you need to present your sales receipt showing place and date of original owner's transaction.

Please contact one of the following to obtain service:

Your Authorized Pioneer Dealer - Your Pioneer Dealer may repair or replace your unit or refer you to an Authorized Pioneer Service Company. Your sales receipt should list the contact information (phone number, fax, email, etc.) for your Dealer.

Pioneer Customer Support - Can advise the optimal service option for your model and geographic location. Please call us at 1-800-421-1404 or visit www.pioneerelectronics.com (for USA) or http://www.pioneerelectronics.ca (for Canada), click on "Support," then select "Contact Us."

Your Authorized Pioneer Service Company - Can perform repairs for most Car Electronics, Speaker and Accessory products and advise other options as applicable. Please visit Pioneer's website, click on "Support," and select "Find a Service Center."

Shipping Your Unit for Service - YOU MUST FIRST CONTACT PIONEER TO GET RETURN AUTHORIZATION. PLEASE DO NOT SEND IN YOUR PRODUCT WITHOUT CONTACTING CUSTOMER SUPPORT. If you have a return authorization number, please package the product carefully and send it transportation prepaid by a traceable, insured method to an Authorized Pioneer Service Company or Pioneer. Use adequate padding material to prevent damage in transit. Include your name, address and a telephone number where you can be reached during business hours.

For questions about your product, please contact Pioneer Customer Support as described above or write to us at:

Customer Support
Pioneer Electronics (USA) Inc.
P.O. Box 1720
Long Beach, California 90801 U.S.A.

DISPUTE RESOLUTION

Following our response to any initial request to Customer Support, should a dispute arise between you and Pioneer, Pioneer makes available its Complaint Resolution Program to resolve the dispute. The Complaint Resolution Program is available to you without charge. In the U.S.A., you are required to use the Complaint Resolution Program before you exercise any rights under, or seek any remedies, created by the Magnuson-Moss Warranty Act but may be entitled to file suit under state law without using the Complaint Resolution Program. To use the Complaint Resolution Program, call 1-800-421-1404 and explain to the customer service representative the problem you are experiencing, steps you have taken to have the product repaired during the warranty period, and the name of the authorized Pioneer Dealer from which the Pioneer product was purchased. After the complaint has been explained to the representative, a resolution number will be issued. Within forty (40) days of receiving your complaint, Pioneer will investigate the dispute and will either: (1) respond to your complaint in writing informing you what action Pioneer will take, and in what time period, to resolve the dispute; or (2) respond to your complaint in writing informing you why Pioneer will not take any action.

RECORD THE PLACE AND DATE OF PURCHASE. KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE

Model No. _____ Serial No. _____ Purchase Date _____
Purchased From _____



PIONEER ELECTRONICS (USA) INC.

GARANTIE LIMITÉE

GARANTIE VALIDE UNIQUEMENT DANS LE PAYS D'ACHAT DU PRODUIT

GARANTIE

Pioneer Electronics (USA) Inc. (ci-après « Pioneer ») garantit que les appareils électroniques, haut-parleurs et produits accessoires automobiles Pioneer® distribués par Pioneer aux États-Unis et au Canada, s'ils sont installés et utilisés conformément au manuel de l'utilisateur qui accompagne l'appareil et ne fonctionnent pas correctement dans des conditions normales d'utilisation en raison d'un défaut de fabrication, seront réparés ou remplacés par un appareil de valeur comparable, à la discrétion de Pioneer, sans frais de pièces ou de réparation. Les appareils de remplacement et/ou pièces fournies en vertu de cette garantie peuvent être neufs ou remis à neuf, à la discrétion de Pioneer.

Cette garantie limitée s'applique au propriétaire initial ou à tout propriétaire ultérieur de ce produit Pioneer pendant la période de garantie, sous réserve que le produit ait été acheté d'un détaillant Pioneer autorisé aux États-Unis ou au Canada. Vous devrez fournir un reçu de caisse ou autre preuve d'achat valide indiquant la date de l'achat initial. Si une réparation s'avère nécessaire, le produit doit être expédié dans la période de garantie, frais de port prépayés, uniquement depuis le pays de l'achat, et tel qu'expliqué dans le présent document. Vous serez responsable du retrait et de l'installation du produit. Pioneer paiera les frais de retour du produit réparé ou de remplacement, à l'intérieur du pays d'achat.

PÉRIODE DE GARANTIE DU PRODUIT (La garantie prend effet à compter de la première vente au détail)

Pièces Main-d'œuvre

Appareils électroniques, haut-parleurs et produits accessoires automobiles 1 an 1 an

ÉLÉMENTS NON COUVERTS PAR LA GARANTIE

Cette garantie limitée s'applique aux produits Pioneer achetés d'un détaillant Pioneer autorisé. **SICE PRODUIT A ÉTÉ ACHETÉ DE TOUTE AUTRE SOURCE, IL N'Y A PAS DE GARANTIES, EXPLICITES OU IMPLICITES, Y COMPRIS LES GARANTIES IMPLICITES DE QUALITÉ MARCHANDE ET GARANTIES IMPLICITES D'ADAPTATION À UN USAGE PARTICULIER, ET CE PRODUIT EST VENDU « TEL QUEL » ET « AVEC TOUS SES DÉFAUTS ».** PIONEER NE SERA RESPONSABLE D'AUCUN DOMMAGE CONSÉCUTIF ET/OU ACCESSOIRE. Certains États et certaines provinces n'autorisent pas l'exclusion ou la limitation des dommages consécutifs ou indirects, par conséquent, la limitation ou l'exclusion indiquée plus haut peut ne pas s'appliquer à vous.

Pioneer ne garantit aucun des produits énumérés ci-dessus s'ils sont utilisés à des fins commerciales ou professionnelles, ou dans toute application industrielle ou commerciale. Cette garantie ne s'applique pas si le produit a été soumis à une puissance nominale excédant celle indiquée dans les documents s'y appliquant. Cette garantie ne couvre pas les rayures ou tout autre élément esthétique ; les dommages ou défauts résultant de retouches ou modifications non autorisées par écrit par Pioneer ; les accidents, collisions, usages inappropriés ou abusifs ; l'utilisation non autorisée de pièces ou de main-d'œuvre ; l'installation ou la maintenance inadéquate ; les dommages causés par la foudre ou la surtension ; les dommages découlant de fuites ; les dommages découlant de piles défectueuses ; ou l'utilisation de piles non conformes à celles spécifiées dans le manuel de l'utilisateur. Cette garantie ne couvre pas le coût des pièces ou de la main-d'œuvre qui seraient autrement offertes sans frais en vertu de la présente garantie, si elles sont obtenues auprès d'une source autre que Pioneer. Les numéros de série modifiés, oblitérés ou enlevés annulent cette garantie.

INVALIDITÉ DE TOUTES AUTRES GARANTIES

DANS TOUTE LA MESURE AUTORISÉE PAR LA LOI, SAUF DISPOSITION CONTRAIRE DANS LE PRÉSENT DOCUMENT, PIONEER NE FAIT AUCUNE REPRÉSENTATION ET N'OFFRE AUCUNE GARANTIE, NI N'ACCÉPTE AUCUNE CONDITION CONCERNANT CE PRODUIT. PIONEER LIMITE SES OBLIGATIONS EN VERTU DE TOUTES GARANTIES ET CONDITIONS IMPLICITES, Y COMPRIS, MAIS SANS S'Y LIMITER, LES GARANTIES ET CONDITIONS, EXPRESSES OU IMPLICITES, DE COMMERCIALITÉ ET D'ADAPTATION À UN USAGE PARTICULIER, À UNE PÉRIODE N'EXCÉDANT PAS LA PÉRIODE DE GARANTIE. AUCUNE GARANTIE OU CONDITION NE S'APPLIQUERA APRÈS LA PÉRIODE DE GARANTIE. Certains états et certaines provinces n'autorisent pas les limitations sur la durée d'une garantie implicite. Par conséquent, il se pourrait que certaines des limitations ou exclusions précitées ne s'appliquent pas à vous.

Cette garantie vous confère des droits spécifiques légaux, mais vous pouvez bénéficier d'autres droits qui peuvent varier selon les États ou les provinces. Dans la mesure où toute disposition de cette garantie limitée est considérée comme invalide ou inexécutable en vertu du droit applicable, elle sera sans effet sur les autres dispositions, qui resteront pleinement en vigueur.

DEMANDE DE SERVICE

Aux États-Unis et au Canada, pour recevoir un service de garantie vous devez présenter votre reçu de caisse indiquant le lieu et la date de la transaction d'origine.

Pour toute demande de service, veuillez contacter :

Votre détaillant Pioneer autorisé - Votre détaillant Pioneer peut réparer ou remplacer votre appareil ou vous mettre en contact avec une entreprise de services Pioneer autorisée. Vous devriez trouver les coordonnées (numéro de téléphone, numéro de télécopieur, adresse de courriel, etc.) de votre détaillant sur votre reçu de caisse.

Support à la clientèle Pioneer - peut vous conseiller sur le choix de l'option de service optimal pour votre modèle et votre région géographique. Appelez-nous au **1-800-421-1404** ou visitez notre site Web à www.pioneerelectronics.com (pour les États-Unis) ou <http://www.pioneerelectronics.ca> (pour le Canada), cliquez sur « **Soutien** », puis sélectionnez « **Contactez-nous** ».

Votre entreprise de services Pioneer autorisée - peut effectuer des réparations pour la plupart des produits électroniques automobiles, des haut-parleurs et des produits accessoires et peut vous conseiller sur le choix d'autres options, selon le cas. Visitez le site Web de Pioneer, cliquez sur « **Soutien** », puis sélectionnez « **Trouver un Centre de service** ».

Expédition de votre appareil aux fins de service — VOUS DEVEZ D'ABORD CONTACTER PIONEER POUR OBTENIR UNE AUTORISATION DE RETOUR. VEUILLEZ NE PAS ENVOYER VOTRE PRODUIT SANS AVOIR D'ABORD CONTACTÉ LE SERVICE À LA CLIENTÈLE. Si vous avez un numéro d'autorisation de retour, veuillez emballer le produit soigneusement et l'envoyer, frais de port prépayés avec un service d'expédition traçable et assurable, à une société de services Pioneer autorisée ou à Pioneer. Utilisez des matériaux d'emballage coussinés adéquats pour éviter les dommages pendant le transport. Incluez votre nom, votre adresse et un numéro de téléphone où nous pouvons vous joindre pendant les heures de bureau.

Pour toute question concernant votre produit, veuillez contacter le soutien à la clientèle Pioneer comme décrit ci-dessus ou écrivez-nous à :

Customer Support, Pioneer Electronics (USA) Inc., P.O. Box 1720, Long Beach, California 90801 U.S.A.

RÈGLEMENT DES CONFLITS

Dans le cas d'un conflit entre vous et Pioneer après notre réponse à votre demande initiale adressée service à la clientèle (Customer Support), Pioneer met à votre disposition son Programme de résolution des plaintes pour résoudre le conflit. Le Programme de résolution des plaintes est disponible sans frais. Aux États-Unis, vous êtes tenu de recourir au Programme de règlement des plaintes avant d'exercer vos droits ou d'exiger réparation en vertu de la loi sur la garantie « Magnuson-Moss Warranty Act », mais vous êtes en droit d'engager une action en justice en vertu des lois de l'État sans passer par le Programme de résolution des plaintes. Pour avoir recours au Programme de résolution des plaintes, composez le 1-800-421-1404 et décrivez au représentant du service à la clientèle le problème que vous rencontrez et les démarches que vous avez entreprises pour faire réparer le produit pendant la période de garantie, et donnez-lui le nom du détaillant Pioneer autorisé auprès duquel vous vous êtes procuré le produit Pioneer. Une fois que votre plainte a été expliquée au représentant, un numéro de résolution vous sera communiqué. Pioneer étudiera le conflit et, dans un délai de quarante (40) jours après la réception de votre plainte, (1) répondra à votre plainte par écrit pour vous aviser des démarches qu'elle entreprendra pour résoudre le conflit, et indiquera combien de temps ces démarches prendront ; ou (2) répondra à votre plainte par écrit pour vous indiquer les raisons pour lesquelles Pioneer n'entreprendra aucune démarche.

ENREGISTREZ LE LIEU ET LA DATE D'ACHAT. VEUILLEZ GARDER CES INFORMATIONS ET VOTRE REÇU DE CAISSE DANS UN ENDROIT SÛR

N° de modèle _____ N° de série _____ Date d'achat _____

Acheté de _____