

Introduction

Thank you for buying a MITSUBISHI MOTORS product.

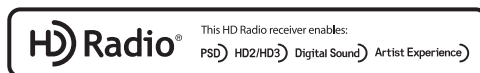
In order to fully utilize the functionality of this product and ensure safe and correct operation, please read this “Owner’s Manual” carefully before operation. After reading this “Owner’s Manual,” ensure it is kept readily available, and refer to it again if you do not understand any points, or in the event of problems.

Although the service area is expanding, Android Auto and CarPlay services are NOT available in some markets. Please check the latest information concerning availability in your region from the below websites.

- Android Auto: <http://www.android.com/auto/#hit-the-road>
- CarPlay: <http://www.apple.com/ios/feature-availability/#applecarplay-applecarplay>



androidauto



Before Use

Disclaimers

- MITSUBISHI MOTORS will in no way be held responsible for losses resulting from fire, earthquake, tsunami, flood, or other natural disasters; from actions of third parties; from other accidents; or from inappropriate or abnormal usage conditions utilized by the customer, the said conditions be deliberate or unintentional.
- MITSUBISHI MOTORS will in no way be held responsible for any collateral losses (loss of business profits, alteration or loss of recorded data) resulting from the usage or inability to use this product.
- For the purpose of product improvement, specifications and external appearance may be subject to change without advance notice. Accordingly, while the contents of the Owner's Manual may differ, please be aware that returns, refunds, exchange, or conversion are not possible.
- This Owner's Manual explains details for multiple vehicle models together. Depending on the vehicle model, there may be functions that may be described but not available, or requirements for separately purchased products. Thank you for your understanding.
- Images and illustrations in the Owner's Manual are used for explanations. Please be aware that these may differ from the actual product.

Smartphone Connectivity

This smartphone link technology will allow you to connect and use third party applications on your smartphone and access maps, music, messaging and other services.

This smartphone link technology may display or make available content, data, information, services, software, or materials from third party applications which run on your smartphone.

There are many smartphone applications on the market that provide you with access to a variety of services and features.

- Whenever you use applications, you may be sharing personal, vehicle, or location information with a third party, and giving that third party potential access to data and your vehicle networks, which could introduce security vulnerabilities.

If you decide to use a smartphone application and connect it to your vehicle by using this smartphone link technology, do so at your own risk.

You should make sure you fully understand all the features and data practices of any application you select to download, connect to your vehicle, and use.

- MITSUBISHI MOTORS does not have access to and does not process any personal information stored or shared with a third party application.
MITSUBISHI MOTORS has no control over, and assumes no responsibility or liability for the availability, content, security, privacy policies, practices or performances of any third party connected vehicle or smartphone application or service.
MITSUBISHI MOTORS provides connectivity features for your convenience only, and the inclusion of this technology does not imply endorsement by MITSUBISHI MOTORS of any third party applications or services, nor any association with third party application providers.
- We strongly advise you to read the terms and conditions and privacy policies of any third party applications that you use.

Contents

Before Use

Disclaimers

Smartphone Connectivity	1
-------------------------------	---

Operating Instructions

WARNING

WARNING	4
CAUTION	4
NOTICE	5
Trademarks	5

Getting Started

Turning Power On or Off	6
Location of Controls	6
Adjusting the Volume	6
Muting the Sound	6
Switching Display Mode	7
Using the Home Screen	7
Selecting an Item in a List	7

Radio/HD Radio™/RBDS

Listening to the Radio	8
Selecting a Station from List	9
Presetting Stations Manually	9
Tuning to Preset Stations	9
Inputting Frequency Directly and Receiving the Radio Station	9
Receiving a Multicast (HD Radio™ Mode only)	9
Forced Analog Mode	10
About the Feature Logos	10

USB Memory

Switching File Up/Down and Folder Up/Down mode	11
Playback	11
Folders Up/Down	12
Fast-forwarding/Fast-reversing	12
Stopping Playback (USB Video only)	12
Repeat Play	12
Shuffle Play (Not available for USB Video)	12
Searching for a Desired File	13
About MP3/WMA/AAC/FLAC	14
About WAV File	14
About USB Video format	14

SiriusXM Satellite Radio Operation

Receiving Channels with the SiriusXM Tuner	15
Tuning Channels by Category	16
Checking the SiriusXM Radio ID Number	16
Storing Channel Presets	16
Tuning Channels using Presets	16
Search Function	17
Selecting Channel Directly	17
Replay Function	17
Parental Lock Function	18
Initializing User Data for SiriusXM	18

Setup

Setup Operation

Bluetooth Setting	19
Sound Setup	20
Sound (Beep) Guide Function	21
Setting the Menu Language	21

Display Setting	21
Adjusting Key Light	22
Adjusting Date and Time	22
Setting the Date Format for Call History	22
Setting the Parental Lock	22
Model Information	22
About the software license of the product	23
Initializing the System	23

Bluetooth Operation

Setup Before Using	24
Answering a Call	25
Adjusting the volume when receiving/ dialing a call or during calling	25
Hanging up the Telephone	25
Calling	25

Bluetooth Audio

Playback	27
Repeat Play	27
Shuffle Play	28
Searching for a desired song	28

Rear Camera Operation

Rear Camera Operation	28
-----------------------------	----

Playing Music in iPhone

Connecting an iPhone	29
Playback	29
Searching for a Music File	30
Repeat Play	30
Shuffle Play	30

Apple CarPlay

Access to Apple CarPlay	31
-------------------------------	----

Android Auto™

Activate Android Auto	32
-----------------------------	----

Remote control

Steering wheel control buttons	33
--------------------------------------	----

Information

Indication for USB Memory	34
Indication for SiriusXM	34
Indication for iPod Mode	35
Indication for BT Audio Mode	35
Indication for all Modes	35
Specifications	36

OpenSSL License

Operating Instructions

WARNING



WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. Listening at loud volume levels in a vehicle may also cause hearing damage.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

NO NAKED FLAME SOURCES, SUCH AS LIGHTED CANDLES, SHOULD BE PLACED ON THE APPARATUS.

THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.



CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF ANY PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Consult to your MITSUBISHI MOTORS dealer.

NOTICE

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +70°C (+158°F) and -30°C (-22°F) before turning on the unit.

Maintenance

If unit has problems, do not attempt to repair the unit by yourself. Consult to your MITSUBISHI MOTORS dealer.

Protecting the USB connector

- Only an iPod/iPhone, USB Memory or Android Smartphone can be connected to the USB connector on this unit. Correct performance using other USB products cannot be guaranteed.
- The position and shape of USB connecting terminals differ see the vehicle owner's manual.
- Depending on the connected USB Memory device, the unit may not function or some functions may not be performed.

Trademarks

- *Windows Media* are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- *Apple, iPhone, iPod, iPod nano, iPod touch and Siri* are trademarks of Apple Inc., registered in the U.S. and other countries. *Apple CarPlay* is a trademark of Apple Inc.
- *Use of the Made for Apple and Works with Apple badges* means that an accessory has been designed to connect specifically to the Apple product(s) identified in the *Made for Apple* badge and to work specifically with the technology identified in the *Works with Apple* badge, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with an Apple product may affect wireless performance.
- *HD Radio Technology* manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. For patents see <http://dts.com/patents>. *HD Radio, Artist Experience, and the HD, HD Radio, and "ARC"* logos are registered trademarks or trademarks of iBiquity Digital Corporation in the United States and/or other countries.
- *SiriusXM* and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.
- *Google, Android, Google Play and Android Auto* are trademarks of Google LLC. To use Android Auto on your car display, you'll need an Android Auto compatible vehicle or aftermarket stereo, an Android phone running Android 5.0 or higher, and the Android Auto app.
- *The Bluetooth® word mark and logos* are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Alpine Electronics, Inc. is under license. Other trademarks and trade names are those of their respective owners.
- *MPEG Layer-3 audio coding technology* licensed from Fraunhofer IIS and Thomson. Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generation) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit <http://www.mp3licensing.com>

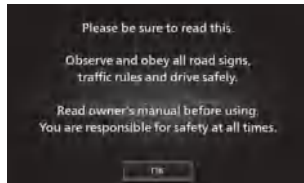
Getting Started

Turning Power On or Off

- 1 **Turn the Power (Ignition) to the ACC or ON position, the logo screen is displayed. And then the warning screen will be displayed. Touch [OK] or wait for 3 seconds, the system turns on automatically.**

If you first time turn on the unit, language select screen will be displayed before warning screen.

Select the desired menu language then touch [OK] to confirm.



- When turned on, the system displays the last mode screen that was displayed before the Power (Ignition) was turned off. For example, if the unit is in radio mode when the Power (Ignition) is turned off, it will remain in radio mode when the Power (Ignition) is turned back on.
- You can also set menu language in System setup. For details, refer to "Setting the Menu Language" (page 21).

- 2 **Press and hold the PUSH  button for at least 2 seconds to turn the power off.**

Location of Controls



- ① **Home button**
Displays the Home screen.
- ② **Phone button**
Displays the Phone menu screen.

6

- When an iPhone or Android smartphone which supports Android Auto™ is connected, displays the phone screen of Apple CarPlay or Android Auto.

- ③ **Back button**
Returns to previous screen.
- ④ **Day/Night button**
Switched the Day/Night /Auto display mode. For details, refer to "Switching Display Mode" on page 7.
- ⑤ **Rotary encoder (–, +)/PUSH  button**
 - Turn the Rotary encoder to adjust the volume.
 - Press to activate/deactivate the MUTE mode.
 - Press and hold to turn the power off.

About the button descriptions used in this Owner's Manual

The buttons found on the face of the unit are expressed in bold (e.g. **Home**). The buttons found on the touch-screen display are shown in bold within brackets, [] (e.g. **[OK]**).

Adjusting the Volume

Turn the Rotary encoder to adjust the volume. You can adjust the volume for the following situations.

- While listening to a source () 0 to 45, Initial: 17)
- During a call () 0 to 45, Initial: 23)*¹
- During Ringtones or Alerts () 0 to 45, Initial: 23)*¹
- During Siri or Google Assistant mode () 0 to 45, Initial: 23)*¹
- During voice guidance () 0 to 45, Initial: 23)*¹

*1 You can also adjust these items via Sound Setup. For details, refer to "Sound Setup" on page 20.

Muting the Sound

Press PUSH  to activate/deactivate the MUTE mode.

Switching Display Mode

This unit provides three display modes. You can change the display mode according to the light environment in your vehicle.

Press  button to cycle through the display modes.

Day  → Night  → Auto → Day 

- | | |
|-------------|--|
| Day mode: | Use under sufficient light conditions. |
| Night mode: | Use if you feel the unit's backlighting is too bright. |
| Auto mode: | The unit will switch between Day and Night mode automatically depending on whether your vehicle headlights are turned on or not. |

- You can set the parameters of Day and Night mode according to your preference. For details, please refer to "Display Setting" on page 21.

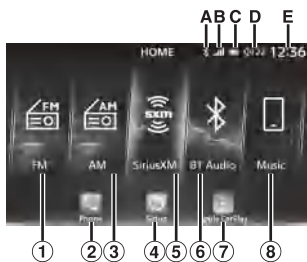
Using the Home Screen

The Home Screen displays icons for sources that can be operated with this unit. You can easily display the Home Screen and switch to the source of your choice.

Displaying the Home Screen

Press  (HOME) button.

The HOME screen is displayed.



- ① Touch to change to FM source screen.
- ② Touch to change to phone screen.
- ③ Touch to change to AM source screen.
- ④ Touch to change to setup screen.
- ⑤ Touch to change to SiriusXM source screen. ^{*1}
- ⑥ Touch to change to BT Audio source screen. ^{*2}
- ⑦ Touch to change to Apple CarPlay or Android Auto screen. ^{*3}

- ⑧ - Touch to change to the music screen for Apple CarPlay or Android Auto ^{*3}
- When an iPhone is connected and Apple CarPlay on iPhone is set to Off, the icon name is displayed as iPod. Touch to change to iPod source screen.
- When a USB memory is connected, the icon name is displayed as USB. Touch to change to USB Audio/Video source screen.
- *If no device is connected to USB connector, this icon will not be displayed.*
- Ⓐ Bluetooth connection indicator
- Ⓑ Indicates the signal strength level of the connected Bluetooth compatible device
- Ⓒ Indicates the battery level of the connected Bluetooth device
- Ⓓ Volume indicator
- Ⓔ Displays the clock

^{*1} Available only when a SiriusXM Tuner is connected.

^{*2} Please pair your Bluetooth device with this unit before using this source.

^{*3} Display only when an iPhone with Apple CarPlay On or Android™ smartphone which installed Android Auto App is connected.

Selecting an Item in a List

To scroll through a list, perform the following operations.

Scroll the list by touching [] or [].



- You can also scroll the list by sliding the screen.
- The Scroll Bar on the right of the screen indicates the proportion of the current list to total lists. When one screen can display all, the right Scroll Bar will not be displayed.

Radio/HD Radio™ /RBDS

The unit can receive HD Radio broadcasting signals based on digital radio broadcast standards, in addition to analog radio broadcasts using Radio Broadcast Data System (RBDS).

HD Radio broadcasting signals are broadcast in the service areas of the current AM/ FM broadcasters where they provide digital audio distribution and data services. Multicasting is the ability for an HD Radio Technology-enabled FM station to broadcast additional supplemental program service(s) (SPS) simultaneously with the main program service (MPS) using the station's current frequency allocation. This increases the amount and diversity of content choices.

The RBDS is the American equivalent of the Radio Data System (RDS) protocol, which is the standard protocol for the distribution and propagation of data by FM radio signals.

Depending on the signal strength in TUNER mode, the unit will automatically switch between digital signals if they can be received, and analog radio using RBDS if digital signals cannot be received. For details, please see "Forced Analog Mode."

- *RBDS mode is only available during FM broadcast reception.*

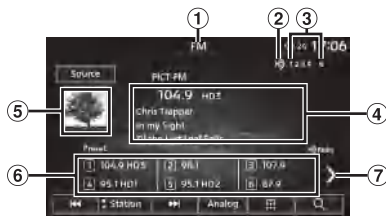
This unit is able to receive signals based on the terrestrial digital radio broadcasting standard.

When current AM/FM broadcasters are transmitting digital audio and data services, HD Radio broadcasting signals are on-the-air in their service areas. You can receive their digital broadcasts and enjoy high quality sound.

If there is no HD Radio broadcasting signal in the current area, this unit will switch to receive RBDS Radio signal automatically.

You may receive HD Radio broadcasting signal in USA and Canada.

■ HD Radio main screen example



8

- ① Band display
Displays the band of the signal currently being received.
- ② Digital signal reception icon
Displayed only when HD Radio broadcasting signals are received.
- ③ MPS/SPS broadcasting station number indicator
The available MPS/SPS broadcasting station numbers are displayed in order. "1" indicates MPS broadcasting station, if only MPS broadcast is available and no SPS broadcast, it is not displayed. And, the SPS broadcasting station number starts from "2".
- ④ Info. area
RBDS
Station Info. mode:
Program Type/Frequency and PS Name/
Artist Name/Song Name/Album Name
HD Radio Technology
Station Info. mode:
Short Station Name/Frequency/Artist Name/
Song Name/Album Name
- ⑤ Artwork etc./Station Logo display*1
- ⑥ Preset buttons
- ⑦ Touch [▶] or [◀] to change preset pages (Only for FM Radio).

*1 HD Radio™ mode only.

Listening to the Radio

- 1 Press (HOME) button.
The Home screen is displayed.
- 2 Touch [FM] or [AM].
The radio mode is activated and the display changes to the Radio mode screen.
- 3 Touch [Station] or [Manual] to switch the tuning mode.
Station ↔ Manual
- 4 Touch [◀◀], [▶▶] or [◀◀], [▶▶] to change the station*1 or radio frequency up / down respectively.

*1 Station up/down operation is based on the station list provided by this unit. For details about the station list, refer to "Selecting a Station from List" on page 9.

Selecting a Station from List

The tuner provides a station list which shows only the available stations, you can easily find a station in the list.

- 1 Touch [Q] to call out the station list.**
- 2 Select a station from the list.**
 - The stations in the list are updated based on changes in signal strength. Therefore, you may call out a different station list every time.
 - If there is no available station, current station will be displayed in the list.

Presetting Stations Manually

- 1 Tune in a desired radio station you wish to store in the preset memory by manual or selecting from station list.**
- 2 Touch and hold any one of the preset buttons for at least 2 seconds.**
The selected station is stored.
- 3 Repeat the procedure to store other stations.**

A total of 18 stations can be stored in the preset memory (12 stations for FM and 6 stations for AM).

- If a preset memory has already been set in the same preset number, it will be cleared and the new station will be memorized.

Tuning to Preset Stations

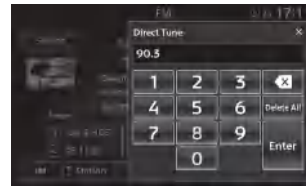
You can tune in the preset stations in memory on either band using its preset number.

- 1 Touch [FM] or [AM] on Home screen to select the desired Radio source.**
- 2 Touch any one of the preset buttons that has a station stored to it.**
The preset station is received.

Inputting Frequency Directly and Receiving the Radio Station

You can input a frequency of the same band directly and receive the radio station.

- 1 Touch [:::] (Direct Tune).**
The numeric keypad input mode screen appears.
- 2 Touch to input the frequency.**



Touch [X] to delete an entered number.
Touch [Delete All] to delete all entered numbers.

- 3 Touch [Enter] on the numeric keypad mode screen to confirm your selection.**
Touch [X] to hide the keypad display.

Receiving a Multicast (HD Radio™ Mode only)

- The number appears behind the frequency indicates the broadcasting station No. on the current frequency (ex. 90.3 HD3 indicates the 2nd SPS broadcasting station is during reception). If only MPS broadcasting station is received without SPS broadcasting, the "1" will not be displayed behind the frequency and only "HD" is displayed (ex. 90.3 HD).

Touch [◀◀], [▶▶].

The sub channel of the received radio station is changed.

- You can also change sub channel from the station list during SPS broadcasting. Refer to "Selecting a Station from List" on page 9.
- If reception is lost during SPS broadcasting due to weak or no signal, the screen will display "No Signal."

Forced Analog Mode

Activate the Compulsory Analog Radio mode to receive only analog radio signals.

Touch **[Analog]**.

The **[Analog]** button is highlighted. To cancel Compulsory Analog Radio mode, touch **[Analog]** again.

- *During Forced Analog mode, only analog broadcasts will be received even when digital broadcasts become available.*

About the Feature Logos

The following is a description of Feature Logos.

Digital Sound

- *Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.*

PSD

- *Program Service Data: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.*

HD2/HD3

- *Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.*

Artist Experience

- *Visual information related to content being played on your HD Radio receiver, such as Album Art, historical photographs, still art from live broadcasts, among other related content.*

USB Memory

Connect a USB Memory to the USB terminal.

You can play back music files (MP3/WMA/AAC/FLAC/WAV) and video files (MP4/M4V/MOV/FLV/AVI/ASF) stored in a USB Memory via this unit.

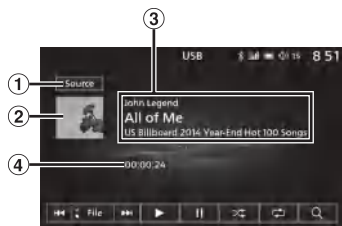
- The maximum capacity of USB Memory supported by this unit is 32 GB.

⚠ WARNING

It is dangerous for the driver to watch video while driving the vehicle. The driver may be distracted from looking ahead and an accident could occur.

For your safety, we made it impossible to watch video while driving.

■ Display example for the USB Audio main screen



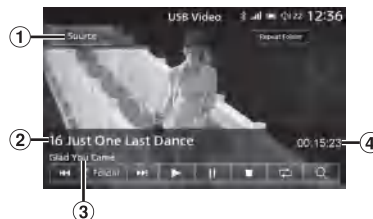
- ① Touch to switch to Home screen.
- ② Display the USB source icon or the artwork of current song^{*1}
- ③ Display the tag information of current song (Artist name/Song name/Album name).^{*2}
- ④ Display the elapsed time

^{*1} Depending on the format and size of artwork, it may not be displayed on this unit.

^{*2} If there is no tag information, File name and Folder name are displayed.

- This unit supports character code in 16 languages (as menu language supports), refer to "Setting the Menu Language" on page 21 for details.
For character code that is not supported, it will be displayed as "□".

■ Display example for the USB Video operation screen



- ① Touch to switch to Home screen.
 - ② Display the File name
 - ③ Display the Folder name
 - ④ Display the elapsed time
- Touch the screen while the USB Video is playing back. The USB Video operation screen is displayed. After performing the operation, within 5 seconds, the operation screen will become a visible screen in USB video mode.

Switching File Up/Down and Folder Up/Down mode

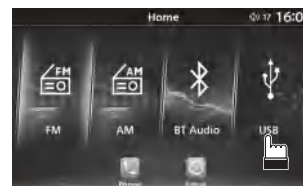
Touch [File] or [Folder] to switch between File Up/Down and Folder Up/Down mode.

[File] ↔ [Folder]



Playback

- 1 Press **HOME** button.
The HOME screen is displayed.
- 2 Touch **[USB]**.



- The USB icon only be displayed when a USB memory is connected.

- The USB mode is activated and the display changes to the USB screen. This unit will continue to the last playback. When you insert a new USB memory, the first video or audio file will be played back automatically.
- You can switch the media screen between Audio and Video mode by selecting an audio or video file from the search list. For details, refer to "Searching for a Desired File" on page 13.

3 Touch [◀◀] or [▶▶] of File to select the desired track(file).

4 To pause playback, touch [||].

Touch [▶] will resume playback.

- If the elapsed time is less than 1 second, touching [◀◀] of File will switch to the previous track(file). Conversely, if the elapsed time is more than 1 second, it will return to the beginning of the current track(file). Touching [▶▶] will advance to the beginning of the next track(file).
- Depending on the file being played, tag information may not be displayed correctly.
- USB HUB is not supported.
- The maximum total number of files supported by this unit is 10000.
- The maximum total number of folders supported by this unit is 700.
- This unit can support USB Memory devices with a maximum storage capacity of 32 GB and file system should be FAT 16/32.
- Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.
- The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.

Folders Up/Down

Touch [◀◀] or [▶▶] of folder to change the folder Up/Down.

- The first file of the selected folder will be played back.

Fast-forwarding/Fast-reversing

- 1 During playback, touch and hold [◀◀] (Fast-reverse) or touch and hold [▶▶] (Fast-forward).
- 2 Release [◀◀] or [▶▶] to return to normal playback.

Stopping Playback (USB Video only)

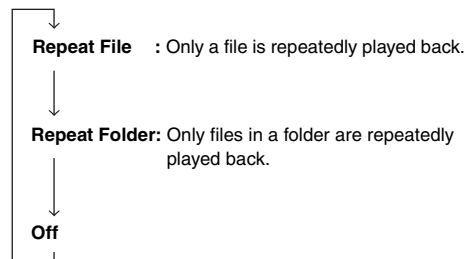
Touch [■] during playback.

Playback stops.

- Playback starts from the beginning when [▶] is touched while playback is stopped.

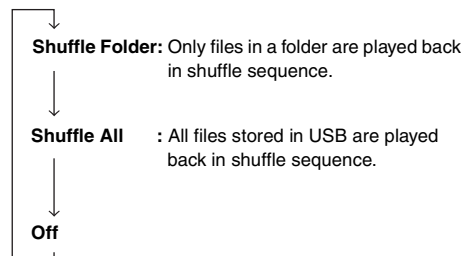
Repeat Play

Touch [↺] to select repeat play mode.



Shuffle Play (Not available for USB Video)

Touch [↻] to turn on shuffle play mode.



Searching for a Desired File

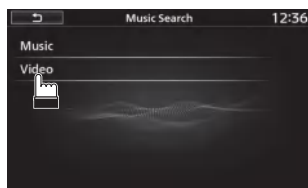
You can select an audio or video file from the search list.

1 Touch [Q] to display the search list.

■ Display example for USB searching screen

2 Touch [Music]^{*1} or [Video]^{*2} to select the desired media type.

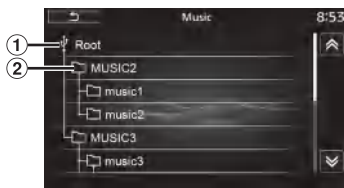
All folders that storing audio or video files will be displayed.



*1 "Music" can't be selected when no Audio files in the USB memory.

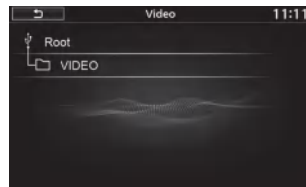
*2 "Video" can't be selected when no Video files in the USB memory.

■ Display example for Music searching screen



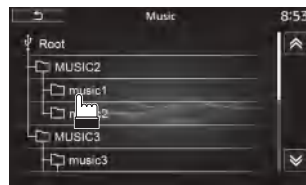
- ① Root Folder: Touch to display all the music files stored in USB memory.
- ② Folder name: Music folders will be listed according to the saved hierarchy.

■ Display example for Video searching screen

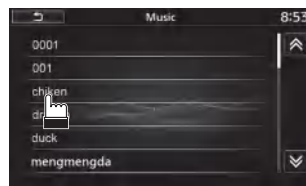


- ① Root Folder: Touch to display all the video files stored in the USB memory.
- ② Folder name: Video folders will be listed according to the saved hierarchy.

3 Touch the desired folder to display all the music or video files stored in this folder.



4 Touch the desired file within the selected folder to play it.



- Press or touch [] to return to the previous screen.
- Some files may not be supported according to the specification. Please refer to the next page for supported file specifications.
- This unit supports the maximum nested folder depth of 8 (including the root directory). The files stored in deeper hierarchy are not displayed in search mode, and cannot be played back.

About MP3/WMA/AAC/FLAC

CAUTION

Except for private use, duplicating audio data or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

Supported playback sampling rates and bit rates

MP3

Sampling rates: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz

Bit rates: 8 - 320 kbps

WMA

Sampling rates: 48 kHz, 44.1 kHz, 32 kHz, 22.05 kHz, 16 kHz, 11.025 kHz, 8 kHz

Bit rates: 5 - 320 kbps

AAC

Sampling rates: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz

Bit rates: 8-320 kbps

FLAC

Sampling rates: 192 kHz, 176.4kHz, 96kHz, 88.2kHz, 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz

This unit may not play back correctly depending on sampling rates.

About USB Video format

The video formats (USB memory) supported by the unit are as follows.

- Supported Containers: MP4/M4V/MOV/FLV/AVI/ASF
- Supported Video Coding: H.263/H.264/MPEG4/Xvid/VC-1 (WMV-9)
- Supported Audio Coding: MP3, ACC, WMA, LPCM

About WAV File

WAV, whose official name is "WAVE FORMAT" is a standard format of Windows® audio file.

- Extension: ".wav"
- Sampling rate: 16 kHz, 44.1 kHz
- Channel number: 1ch, 2ch

SiriusXM Satellite Radio Operation

SiriusXM Tuner operation:

You may purchase a SiriusXM Tuner from an electric appliance store. When a SiriusXM Tuner is connected to this unit, the following operations may be performed. For compatible SiriusXM Tuner with this unit, consult an authorized MITSUBISHI MOTORS dealer.

About SiriusXM Satellite Radio

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. To enjoy the world of satellite radio, a SiriusXM Vehicle Tuner and Subscription are required. For more information, visit www.siriusxm.com or consult an authorized MITSUBISHI MOTORS dealer.

After you have found the SiriusXM Radio ID, you can activate your radio. Refer to “Checking the SiriusXM Radio ID Number” on page 16.

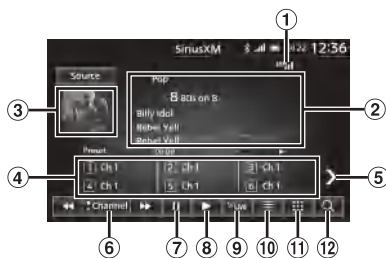
In the USA, you can activate online or by calling SiriusXM Listener Care:

- Visit www.siriusxm.com/activatenow
- Call SiriusXM Listener Care at 1-866-635-2349

For Canadian Subscriptions, please contact:

- Visit www.siriusxm.ca/activatexm
- Call SiriusXM Customer Care at 1-888-539-7474
- The SiriusXM Satellite Radio controls on this unit are available only when a SiriusXM Tuner is connected.

■ SiriusXM main screen example



- ① Signal Indicator
Indicates the signal strength of SiriusXM.
- ② Info. area
Channel Info. Mode:
Category Name/Preset No/Channel No/Long
Channel Name/Artist Name/Song Name/
Content Info.
- ③ Album Art
The image corresponding to the channel currently being received is displayed. Album art can be displayed for most of the SiriusXM music channels. When album art is not available, the channel logo or the SiriusXM logo will be displayed.
 - *Compatible with SXV200 or later tuner models.*
Not all music channels contain album art images.
- ④ Preset buttons
- ⑤ Touch [➤] or [➤] to change preset pages.
- ⑥ Channel/Track switch.
◀▶ : Channel up/down.
⏮⏭ : Track up/down.
- ⑦ Pause.
- ⑧ Play.
- ⑨ Turn to Live.
- ⑩ Category Browsing Mode.
- ⑪ Direct Tuning.
- ⑫ Search Mode.

Receiving Channels with the SiriusXM Tuner

- 1 Press (HOME) button.
The Home screen is displayed.
- 2 Touch [SiriusXM].
The display shows the SiriusXM mode screen.
- 3 Touch [◀▶] or [▶▶] to select the desired channel. Touching and holding either button will rapidly browse through the channels.
 - If [⏮], [⏭] are displayed, touch [Track] to switch to channel up/down mode.
 - Refer to the SiriusXM Tuner User Guide for details on how to install the SiriusXM Tuner.

Tuning Channels by Category

Channels are grouped into categories based on the type of content heard on the channels.

1 Touch (Category) on the SiriusXM main screen to activate the category browsing mode.

The channels within the category of the current channel are listed.

■ Category browsing mode screen example



- Touch  (Channel Info.)^{*1} to change the display of information for channels in the category with the following four options.
Channel No./Channel Name → Channel No./Artist Name → Channel No./Song Title → Channel No./Content Info. → Channel No./Channel Name

^{*1} It changes with every touch.

 (Channel Info.) →  (Artist Info.) →  (Song Info.) →  (Content Info.) → .

2 Touch (Category Up) or (Category Down) on the category browsing mode screen to select a desired category.

The Category Name is shown at the top of the display.

3 Select the desired channel.

- You can also activate this function in search mode by selecting a desired category. For details, refer to "Search Function" on page 17.
- The Parental Lock channels are marked with  (Mature). For details, refer to "Parental Lock Function" on page 18.

Checking the SiriusXM Radio ID Number

To subscribe to the SiriusXM Satellite Radio service, it is necessary to locate and identify the Radio ID of your SiriusXM Tuner. You can check the Radio ID on the bottom surface of the SiriusXM Tuner box. You can also check it from this unit by performing the following procedure.

1 While receiving SiriusXM Radio, touch or to select channel "0".

The unit displays the Radio ID number.

2 To cancel the Radio ID number display, change the channel to a channel other than "0".

- The SiriusXM Radio ID does not contain the letters I, O, S, or F.

Storing Channel Presets

You can store 12 of your favorite SiriusXM channels for easy recall with Preset buttons.

1 Press the Preset number you want to store, for at least 2 seconds to store the channel.

The selected channel is stored as a preset channel.

2 Repeat the procedure to store up to 11 other channels.

A total of 12 channels can be stored in the preset memory.

- If you store a new channel into a preset which already has a channel assigned, the current channel will be cleared and replaced with the new one.

Tuning Channels using Presets

Touch any Preset number you have already stored in the Preset mode screen.

The preset channel is received.

Search Function

1 Touch [Q] (Search) on the SiriusXM main screen to activate the search mode.

The Search list screen appears.

Search items:

All Channels / Category Name*¹

*1 The Category name for the channel currently being received is displayed.

■ Search mode screen example



- You can switch the category by touching [Category Up] or [Category Down] on the List screen after selecting a Search item.
- You can switch the displayed information by touching Info. button such as [Channel Info.]*¹ in the List screen after selecting a Search item.
Channel No./Channel Name → Channel No./Artist Name → Channel No./Song Title → Channel No./Content Info. → Channel No./Channel Name

*1 It changes with every touch.

[Channel Info.] (Channel Info.) → [Artist Info.] (Artist Info.) → [Song Info.] (Song Info.) → [Content Info.] (Content Info.) → [Channel Info.]

Searching by Channel

2 Touch [All Channels].

All Channels will be displayed in a list.

3 Touch the selected channel.

The channel you selected is received.

Searching by Category

2 Touch Category Name.

The channels within the category of the current channel are listed.

3 Touch the selected channel.

The channel you selected is received.

- You can also browse a category by touching [Category] directly on SiriusXM main screen. For details, refer to "Tuning Channels by Category" on page 16.
- The Parental Lock channels are marked with (M) (Mature). For details, refer to "Parental Lock Function" on page 18.

Selecting Channel Directly

You can directly select the channel number by using the numeric keypad.

1 Touch [:::] (Direct Tune).

The numeric keypad input screen is displayed.

2 Touch to input the channel number.

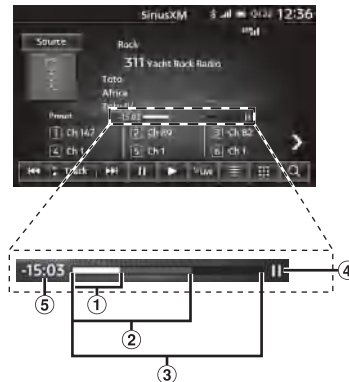
3 Touch [Enter].

The selected channel is received.

Replay Function

In SiriusXM mode, you can pause, rewind and replay live Satellite Radio.

■ Replay mode screen example



- Time to Live bar**
It indicates the proportion of the Replay position is behind the live broadcast.
- Buffered content bar**
It indicates the proportion of the buffered content. As soon as you tune to a channel, the SiriusXM Tuner automatically begins storing the audio, enabling you to rewind at anytime to replay the audio again within the buffered content range.
- Maximum buffer range bar**
The maximum buffer range of SiriusXM Tuner is displayed.
- Replay status indicator (II or ►)**
II: The radio is paused and muted.
►: Resume playing the content.
- Time to live**
It shows the exact amount of time the Replay position is behind the live broadcast.

1 Touch [II] to Pause playing of the channel content.

The "II (Pause)" indicator and replay progress bar are displayed.

2 Touch [▶] to resume playing the content.

The "▶ (Play)" indicator lights up and offset playback commences.

3 Touch [📶Live] to exit Replay and listen to live content.

- To fast reverse, touch and hold [⏮] and to fast forward, touch and hold [⏭].
- Touching [⏮] or [⏭] will move a track up/down.
- If you change channels while in Replay mode, the contents of the replay buffer are refreshed by the new channel.
- The allowed recording time differs depending on the SiriusXM Tuner.

Parental Lock Function

The Parental Control feature allows you to limit access to any SiriusXM channels, including those with mature content. When enabled, the Parental Control feature requires you to enter a passcode to tune to the locked channels. For information on setting the Parental Control passcode, see "Setting the Parental Lock" (page 22). When a locked channel (which marks with (M) (Mature)) is selected, "Channel <xxx> Locked" is displayed and then the numeric keypad appears for you to enter the passcode.

Input the 4-digit passcode you set in "Setting the Parental Lock" (page 22).

The initial number is 0000.

- If you input a wrong passcode, "Incorrect Pass Code entered" is displayed.
- After entering the correct passcode, you can access all locked channels without entering the passcode again until the unit is ACC/power off and then back on.

Initializing User Data for SiriusXM

By using the "Initializing the System" function, you can initialize the User Data for SiriusXM (Last Tuning Channel and Presets) to restore the factory settings. Please refer to "Initializing the System" on page 23 for detail operation.

Setup

Setup Operation

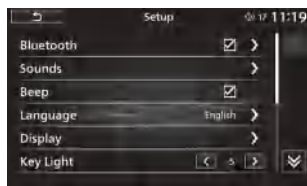
The following steps 1 to 4 are common operations to each "Setting item". Refer to each section for details.

- 1 Press  (HOME) button.
The HOME screen is displayed.

- 2 Touch **[Setup]** icon.
The Setup main screen is displayed.



- 3 Touch the desired item to change its setting.



Setting items: *Bluetooth/Sounds/Beep/Language/Display/Key Light/Date & Time/Date Format for Call History/SiriusXM Parental Control/About/Open source license/Clear All Settings*

- 4 Press  or touch **[↶]** to return to the previous screen.

Bluetooth Setting

Before using Bluetooth function, make sure to click the check box of Bluetooth to On ☒.
If the Bluetooth setting is Off ☐, you cannot move to the Bluetooth setting screen.
Touch **[Bluetooth]** to enter Bluetooth setting screen.

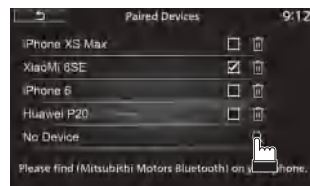
Pairing a Bluetooth Device from the unit

If your Bluetooth device is not immediately pairing, the head unit can perform a search. The search can find unpaired devices.

Setting item: Bluetooth

- 1 Touch **[Q]** of "No Device."

The Bluetooth devices can be searched are displayed in the list.



- 2 Touch the device you want to connect from the list.



- You can register up to 5 Bluetooth compatible devices.
- Bluetooth Version 2.0 or lower device is not compatible with this unit.

- 3 When the device pairing is completed, a **"☒"** mark displays with the paired device.

- If a 6 character Passkey appears on this unit, make sure the same passkey is displayed on the Bluetooth compatible device and touch "Yes."
- If all 5 devices have been registered, you cannot register a 6th device. To register another device, you need to delete one of the other 5 devices first.

Disconnecting the paired Bluetooth Device

The disconnected Bluetooth Device will be kept in Paired Devices list so that you can connect next time.

1 Touch [☒] to disconnect the paired Bluetooth Device.

2 Touch [Yes].

- Touch [No] will cancel the setting.

Setting the Bluetooth Device

Select one of 5 paired Bluetooth compatible devices that you previously registered.

Touch [☐] of the device you want to connect from the Paired Device list.

Deleting a Bluetooth Device from the list

You can delete the information of a previously connected Bluetooth compatible device.

1 Touch [☐] of the Bluetooth compatible device to delete from the Paired Device list.

2 Touch [Yes].

- Touching [No] will cancel the setting.

How to pair from a Bluetooth compatible device

The unit name and Bluetooth address will be displayed.

Unit name: Mitsubishi Motors Bluetooth

For details on the control from a Bluetooth compatible device, refer to the Owner's Manual of the Bluetooth compatible device.

If the mobile phone interface displays Bluetooth Pairing Request, click pairing after confirming that 6 character Passkey displayed on the mobile phone interface is the same as that displayed on the local.

- You can also manually pair the Bluetooth devices from this unit. (See page 19)

Sound Setup

Touch [Sounds] to enter Sound setting screen.

You can adjust the sound-related settings here.

Setting the Fader/Balance

You can adjust the output balance of the left/right speakers.

Touch [<]/[>] to adjust left and right speaker output balance (**Balance**).

Further Setting item: Balance
Setting content: L11 to R11

You can adjust the output balance of the front/rear speakers.

Touch [<]/[>] to adjust front and rear speaker output balance (**Fader**).

Further Setting item: Fader
Setting content: R11 to F11

Setting the Bass Level

You can emphasize or weaken the bass frequency.

Further Setting item: Bass
Setting content: -5 ~ +5

Setting the Middle Level

You can emphasize or weaken the middle frequency.

Further Setting item: Mid
Setting content: -5 ~ +5

Setting the Treble Level

You can emphasize or weaken the treble frequency.

Further Setting item: Treble
Setting content: -5 ~ +5

Adjusting the Caller Volume

You can adjust Caller Volume Level of phone call.

Further Setting item: Call Volume
Setting content: 0 ~ 45

Adjusting the Ringtones & Alerts Volume

You can adjust Ringtones & Alerts Level of phone call.

Further Setting item: Ringtones & Alerts
Setting content: 0 ~ 45

Adjusting the Volume for Siri or Google Assistant mode

You can adjust the Speech Volume level for Siri or Google Assistant mode.

Further Setting item: Siri^{*1}/Google Assistant^{*2}
Setting content: 0 ~ 45

^{*1} Display only when an iPhone with Apple CarPlay is connected.

^{*2} Display only when an Android™ smartphone which installed Android Auto App is connected.

Adjusting the Voice Guidance Volume

You can adjust the Voice Guidance Volume level for Navigation mode of Apple CarPlay or Android Auto.

Further Setting item: Guidance^{*3}
Setting content: 0 ~ 45

^{*3} Display only when an iPhone with Apple CarPlay or Android™ smartphone which installed Android Auto App is connected.

Sound (Beep) Guide Function

When this item is on (☒) , the sound beep is output while a button/touch key on this unit is pressed or touched.

Setting item: Beep
Setting content: On/Off

Setting the Menu Language

Touch **[Language]** to enter language setting screen. The Setup menu, feedback information, etc. for this unit can be changed to appear in the selected language.

Setting item: Language

Setting contents: English/Français/Español/ภาษาไทย/العربية/Deutsch/Nederlands/Português/Italiano/Svenska/Norsk/Suomi /Dansk/Čeština/Slovenčina/Polski

Display Setting

Touch **[Display]** to enter display setting screen. You can set the display parameters for three types of sources (Graphic^{*1}/Video^{*2}/Camera^{*3}). The setting results of day and night modes will be saved separately. To feel the effect of the adjustment intuitively, we suggest to switch to desired display mode (Day/Night) before adjusting.



Setting item: Mode^{*4}/Day/Night

Further Setting item

[Graphic]: Brightness/Contrast/Black Level

[Video]^{*5}: Brightness/Contrast/Black Level/Color/Tint

[Camera]^{*6}: Brightness/Contrast/Black Level/Color/Tint

Setting content: -5 ~ +5

^{*1} For graphic source/mode (FM/AM/BT Audio/USB Audio/SiriusXM source and Home/Phone/Setup mode)

^{*2} For video source (USB Video)

^{*3} For Rear Camera

^{*4} Touch [**<**] / [**>**] to switch the display mode between Day, Night and Auto. You can also do this operation by pressing / , refer to "Switching Display Mode" on page 7.

^{*5} "Video" can be selected while a video file of USB memory is playing.

^{*6} "Camera" can be selected when rear camera is connected.

Adjusting Key Light

You can adjust the brightness of hard keys light by touching [**<**] or [**>**] key.

Setting item: Key Light
Setting content: -5 ~ +5

- The hard key of this unit lights up only when the vehicle head lamps are turned on.

Adjusting Date and Time

Touch [**Date & Time**] to enter date and time setting screen.

You can adjust the Date and Clock displays on this unit via this setting.

Setting item: Date & Time
Setting content: Year/Month/Day/Hour/Min/Clock Mode^{*1}

^{*1} Clock Mode can be switched between 12H and 24H.

- Although the unit does not display date information, but in order to ensure that Android Auto App can be used properly, please set it correctly.

Setting the Date Format for Call History

Touch [**Date Format for Call History**] to enter Call History date format setting screen.

You can change the date format for Bluetooth phone call history.

Setting item: Date Format for Call History
Setting content: mm/dd^{*1} / dd/mm^{*2}

^{*1} Display month before date.

^{*2} Display date before month.

Setting the Parental Lock

You can lock out channels with passcode protection. Channels that are locked cannot be accessed without entering the passcode. You can unlock a channel or change the passcode using this menu option.

Setting item: SiriusXM Parental Lock

Setting contents: On/Off (Initial setting)

On: When a mature channel is tuned, you should input valid passcode.

Off: Turn off the passcode protection.

- You should input the passcode to turn off this function.

Changing the Lock Passcode

After touching [**>**] of “SiriusXM Parental Control”, the numeric keypad screen is displayed.

1 Use the keypad to enter the current (old) 4-digit passcode.

The initial passcode is set to 0000.

- Touch [**<X>**] to delete an entered number.
- Touch [**Delete All**] to delete all entered numbers.

2 Touch [**Enter**] to confirm the entry.

3 Now use the keypad to enter the new digit passcode.

4 Touch [**Enter**].

5 Then use the keypad to enter the new digit passcode a second time to verify it.

6 Touch [**Enter**].

- Any number from 1 to 4 digits can be entered as passcode.
- Remember to keep a note of the passcode in a safe place in case you forget the code.

Model Information

Touch [**About**] to view model name, BT Address, Firmware Version and Hardware Version.



About the software license of the product

The software installed in the product contains open-source software. Touch **[Open Source License]** to see the Alpine website for details on the open source software.
http://www.alpine.com.cn/e/sda3_oss/

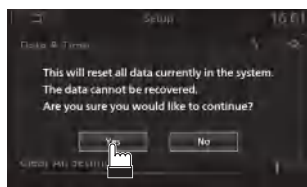


Initializing the System

You can initialize all data, to restore the factory settings.

Setting item: Clear All Settings

- 1 Touch **[Clear All Settings]**.
- 2 After the confirmation message appears, touch **[Yes]**.
 The system starts initialization.



- Touch **[No]** to cancel this operation and return to the previous screen.
- Do not turn on/off the power, or change the Power (Ignition) position until system restart is completed.

Bluetooth Operation

Setup Before Using

About Bluetooth

Bluetooth is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between Bluetooth compatible devices. Bluetooth transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 meters. For details, refer to the Bluetooth website (<http://www.bluetooth.com/>).

- Depending on the Bluetooth version, a Bluetooth compatible device may not be able to communicate with this unit.
- Proper function of this unit with all Bluetooth compatible devices is not guaranteed. For handling of the Bluetooth compatible device, consult to your MITSUBISHI MOTORS dealer.
- Depending on the surroundings, Bluetooth wireless connection may be unstable.
- When you place a call, or perform setup operations, be sure to stop your vehicle in a safe place.
- Depending on the connected Bluetooth compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).
- This function may not be available with some Bluetooth compatible device(s).

About the Hands-Free Phone

Hands-free calls are possible when using a HFP (Hands-Free Profile) compatible mobile phone with this unit.

- Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.
- Close the windows while calling to reduce background noise.
- If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty in hearing the other person's voice is normal.
- Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.
- Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality.

Always contact your service provider about feature availability and functionality.

All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.

- While calling, FM/AM is muted and USB or other Audio source is paused until the calling is over.

Before Using Bluetooth

Before using the hands-free phone/audio function, the following settings need to be made.

1 Set "Bluetooth" to "ON" ☒ (page 19).

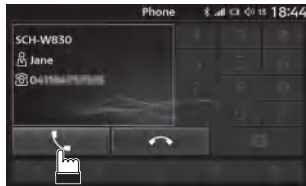
2 Before using the Bluetooth function, please complete the pairing and connection between the Bluetooth compatible device and the unit. (Page 19)

- You can enter Paired Devices list directly by touching [] on phone menu screen. About detailed operation, refer to "Bluetooth Setting" on page 19.
- The location of the microphone varies according to the vehicle.

Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE No. etc.).

- 1 An incoming call triggers the ringtone and an incoming call display.**
- 2 Touch [📞].**
The call starts.



- When the caller's number is transmitted to the system, if the caller's name is stored in the phone book, the name is displayed. If the name is not stored, the number is displayed.

Adjusting the volume when receiving/dialing a call or during calling

While calling, you can adjust the volume.

Turn the Rotary Encoder -/+ to adjust the volume.

Hanging up the Telephone

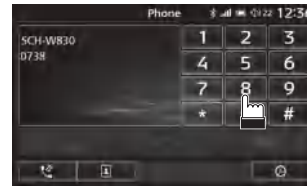
Touch [📞].
The call finishes.

Calling

After the connections, touch the screen of the unit to make calls on Dialing interface, Call History and Phone Book.

Dialing a Number in Dialing Interface

- 1 Press the [HOME] button, then touch [📞].**
The phone menu screen is displayed.
- 2 Dial the phone number on the screen.**
Touch [X] to delete the wrong number.
Touch and hold will erase all input numbers.

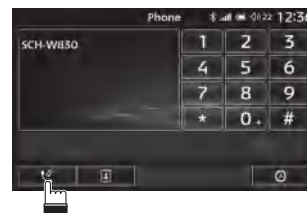


- 3 Touch [📞].**
The call starts.
- 4 Touch [📞].**
The call finishes.

Dialing a Number in Call History

The records of the call by Bluetooth synchronize with those by mobile phone, and you can view dialed calls, received calls and missed calls (Total up to 30 records).

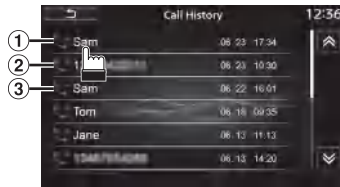
- 1 Press the [HOME] button, then touch [📞].**
The phone menu screen is displayed.
- 2 Touch [📞].**
The Call History list is displayed.



- The date format for call history can be changed in Setup mode, refer to "Setting the Date Format for Call History" on page 22.

3 If you want to dial the number in the Call History List, touch the number directly.

The call starts.



- ① Missed call (Icon with Red color)
- ② Outgoing call (Icon with Green color)
- ③ Incoming call (Icon with Blue color)

- Touch [] to return to phone menu screen.

Phone Book Function

The Phonebook in the Bluetooth Phonebook synchronizes with that in the mobile phone, and you can search telephone contact person and dial the number.

1 Press the (HOME) button, then touch [].

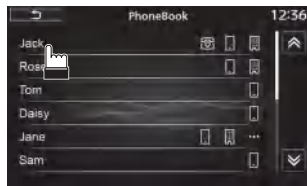
The phone menu screen is displayed.

2 Touch [].

The Phone Book is displayed as shown here.



3 Touch a contact to dial.



- Touch [] to return to phone menu screen.
- Up to 5 phone numbers can be displayed by one person's name. You can display up to 2,000 phone numbers for each person in the phone book.

- The order of the Phone Book is in the following priorities. Alphabetical/Number/Other (From High to Low Order of Priority)
- If multiple phone numbers are registered, the label of number types is displayed on the right side of contact. Touch the contact to display the registered phone number list.
- The telephone label of number includes 9 types, only 3 preferential labels can be displayed in Layer 1 of phonebook list. If more than 3, the first two icons and ... icons are displayed. The order of the icons is in the following priorities.
Preference /Home /Mobile /Work /Pager /Fax /Car /Voice /Other (From High to Low Order of Priority)

Speaks Switching Operation

While making a call, this function allows you to initiate the transfer of the audio between the Smartphone and the speakers in the vehicle.

Touch [].



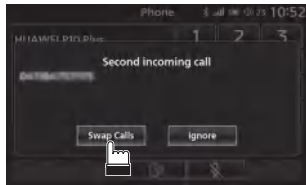
- Depending on the Smartphone, this operation may not be performed.

Call Waiting Function

If a call comes in from another phone during a call, a notice is displayed on the screen. This function can only be used if the connected mobile phone has a call waiting function service included.

1 A prompt screen will pop up to remind you of Second incoming call.

- 2 By touching [Swap Calls] on the prompt screen, you can put the current call on hold and answer the second call.**
Touch [Ignore] will ignore the second incoming call.



- You can switch calls by touching [Swap Calls] on the Phone Menu screen.
- Touch [↶] will finish the current call and switch to the other call on hold.

Muting the microphone input quickly

While calling, activating the Voice Mute function will instantly mute the microphone input. Your voice will not be heard by the caller.

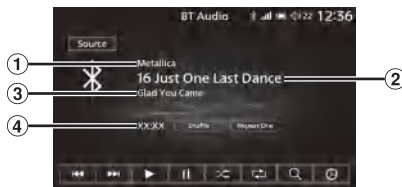
Touch [Mute] to mute the microphone input.

Touching [Mute] will bring the microphone input back to its previous volume level.

Bluetooth Audio

If a Bluetooth compatible mobile phone, portable player, etc. is connected by wireless, you can play back a song (operation is controllable from the unit).

■ Display example for BT-Audio main screen



- Artist Name
- Song Name
- Album Name
- Elapsed time

- The displayed onscreen buttons may differ depending on the AVRCP version.

- To play back audio, a mobile phone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) or AVRCP (Audio/Video Remote Control Profile) is required.
Not all functions work with all devices.
- During a call, sound on the Bluetooth audio source is paused.
- You can enter Paired Devices list directly by touching [BT] on phone menu screen. About detailed operation, refer to "Bluetooth Setting" on page 19.
- Some music players installed in smartphone may not be guaranteed to play Bluetooth Audio normally.
- Bluetooth Audio is not available while CarPlay or Android Auto is used.

Compatible AVRCP versions: 1.0, 1.3, 1.4, 1.5

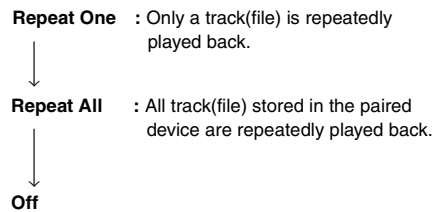
- Available functions may differ depending on the AVRCP version.

Playback

- Press [HOME] button.
The HOME screen is displayed.
 - Touch [BT Audio].
 - Touch [◀◀] or [▶▶] to select the desired track(file).
 - To pause playback, touch [⏏].
Touch [▶] will resume playback.
- The action depends on the paired device.

Repeat Play

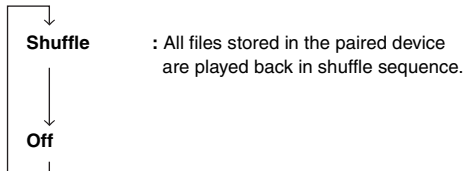
Touch [↺] to select repeat play mode.



- The action depends on the paired device.

Shuffle Play

Touch [] to turn on shuffle play mode.



- The action depends on the paired device.

Searching for a desired song

Artist name, album name, etc., may be searched and displayed during playback or pause.

- 1 Touch [].**
The Music Search screen appears.
- 2 Touch [Artists], [Songs], etc.**
- 3 Touch to select the desired artist or song to play.**
If an artist is selected, next hierarchy select for album is necessary.
 - Touch [] to return to BT Audio main screen.
 - Search mode may differ depending on the paired device.
 - The pause mode may be canceled after the search.
 - This function may not available depending on the paired device.

Rear Camera Operation

Rear Camera Operation

Displaying the rear view image while the vehicle is in reverse

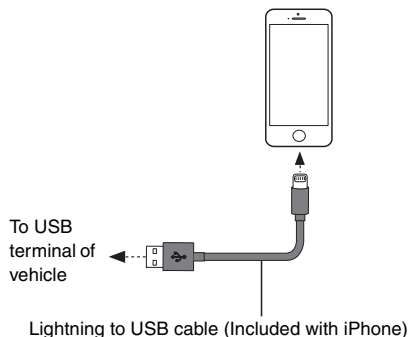
- 1 Shift the gear lever to the reverse (R) position.**
The rear view image is displayed while the vehicle remains in reverse.
- 2 If you shift the gear lever to a position other than reverse (R), the monitor returns to the previous screen.**
 - Be sure to also check behind the vehicle visually. Use the camera image to assist in showing conditions behind the vehicle.
 - If you shift the gear lever to (R) position, the rear view image can be displayed as well even when the unit is in power off status.

Playing Music in iPhone

Connecting an iPhone

An iPhone can be connected to this unit by using the Lightning to USB cable for iPhone (included with iPhone).

The music stored in iPhone can be played back via this unit.



About iPhone models usable with this unit

- The following devices have been tested and shown to work with this unit.
 - iPhone XS Max: Ver12.4.1
 - iPhone XS: Ver12.4.1
 - iPhone XR: Ver12.4.1
 - iPhone X: Ver12.4.1
 - iPhone 8 Plus: Ver12.4.1
 - iPhone 8: Ver12.4.1
 - iPhone 7 Plus: Ver12.4.1
 - iPhone 7: Ver12.4.1
- If Apple CarPlay on iPhone is set to On, Apple CarPlay mode will automatically start when an iPhone is connected via Lightning to USB cable. Refer to "Apple CarPlay" on page 31.
- This unit does not support video playback from iPhone.

Display example for iPod main screen



- ① Artist Name
- ② Song Name
- ③ Album Name
- ④ Elapsed time

- Some characters may not be correctly displayed.

Playback

- 1 Press (HOME) button.**
The HOME screen is displayed.
 - 2 Touch [iPod].**
The display shows the iPod mode screen.
 - 3 Touch [◀◀] or [▶▶] to select the desired track(file).**
Pressing and holding [◀◀] or [▶▶] will fast backward/fast forward the current song.
 - 4 To pause playback, touch [||].**
Touch [▶] will resume playback.
- If a song is playing on the iPhone when it is connected to this unit, it will continue playing after the connection.
 - Some characters may not be correctly displayed.
 - If the artist or song name, created in iTunes, has more than 64 characters, the extra part will not be displayed.

Searching for a Music File

An iPhone can contain thousands of songs. For this reason, this unit can make various searches using the search function as shown below.

Using the Playlist/Artist/Album/Genre/Composer/Audiobook/Podcast/Radio/Song search mode's individual hierarchy, you can narrow down your search as shown in the table below.

<MUSIC Search Menu>

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlists	Songs	—	—
Artists	Albums	Songs	—
Albums	Songs	—	—
Songs	—	—	—
Genres	Artists	Albums	Songs
Composers	Albums	Songs	—
Podcast	Episodes	—	—
Audiobook	—	—	—
Radio	—	—	—

For example: Searching by Artist name

The following example explains how an Artists search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

■ Searching by artist name

- 1 Touch [Q].**
The search mode screen appears.
- 2 Touch [Artists].**
The Artists search screen is displayed.
- 3 Select the desired artist.**

To Search for the Album of the Artist

- 1 Touch the selected artist name.
The Albums search screen of the selected artist is displayed.

To Search for a Song in the Album of the Artist

- 1 Touch the desired artist's name.
All albums of the selected artist are displayed.
- 2 Touch the desired album's name.
All songs of the selected album are displayed.
- 3 Touch the desired song's name.
The selected song is played back.

4 Press [↶] or touch [↶].

Return to the previous screen.

- For details on how to scroll through the list, refer to "Selecting an Item in a List" (page 7).
- The maximum number of searchable songs for this unit is 8181.

Repeat Play

Touch [↺] to change repeat mode.

- The action depends on the connected iPhone.

Shuffle Play

Touch [↻] to change shuffle mode.

- The action depends on the connected iPhone.

Apple CarPlay

Apple CarPlay is a smarter, safer way to use your iPhone in the vehicle. Apple CarPlay takes the things you want to do with your iPhone while driving and puts them right on the unit. You can get directions, make calls, send and receive messages, and listen to music, all in a way that allows you to stay focused on the road. Just plug in your iPhone to the unit and go.

About iPhone models usable with this unit

- The following devices have been tested and shown to work with this unit.
 - iPhone XS Max: Ver12.4.1
 - iPhone XS: Ver12.4.1
 - iPhone XR: Ver12.4.1
 - iPhone X: Ver12.4.1
 - iPhone 8 Plus: Ver12.4.1
 - iPhone 8: Ver12.4.1
 - iPhone 7 Plus: Ver12.4.1
 - iPhone 7: Ver12.4.1
- Although the service area is expanding, CarPlay service is **NOT** available in some markets. Please check the latest information concerning availability in your region from the below website.
<http://www.apple.com/ios/feature-availability/#applecarplay-applecarplay>
- Before using this function plug in your iPhone using Lightning to USB Cable (Supplied with iPhone) to the USB terminal for your vehicle.
- Some functions may not be available while driving.
- About iPhone models usable with this unit, see "About iPhone models usable with this unit" (page 29).
- If iPhone is connected to this unit, but it does not activate.
 Please try the following.
 1. Check the screen of connected iPhone. Follow the Tips to allow to use Apple CarPlay on iPhone if necessary.
 2. Reconnect USB cable.
 3. Reboot iPhone.
 4. Reboot this unit.
 5. Check if Siri is turned ON.
 6. Make sure you are running the latest version of iOS, or at least iOS 8.
 7. Ensure you are in a supported country.
 8. Make sure you are using an Apple approved Lightning to USB cable.

Access to Apple CarPlay

1 Press (HOME) button.

The HOME screen is displayed.

2 Touch [Apple CarPlay].

The Apple CarPlay mode is activated.

Touch the desired App icon on the unit, or use Siri function by pressing  button on your Steering wheel.



- When an iPhone is reconnected, the pop-up message- "Apple CarPlay connected." may be displayed, touch it within 5 seconds to access to Apple CarPlay screen.

Android Auto™

Android Auto brings your favorite smartphone apps into one place, making it easier for drivers to access their favorite navigation, media, and communication apps on the road while minimizing the distractions. And now, with the Google Assistant available on Android Auto, drivers can perform actions by voice, keeping their eyes on the road and their hands on the wheel.

- *Although the service area is expanding, Android Auto service is NOT available in some markets. Please check the latest information concerning availability in your region from the below website. <http://www.android.com/auto/#hit-the-road>*
- *If Android™ phone is connected to this unit, but it does not activate. Please try the following.*
 1. Check the screen of connected smartphone.
If you see any errors on it, clear it.
 2. Reconnect USB cable.
 3. Reboot smartphone.
 4. Reboot this unit.
 5. Check if the time of this unit and smartphone match.
 6. Remove the check mark 'Only connect to known cars' in Android Auto App.
 7. Android Auto and following apps (Google™, Google Play™ Store, Google Play Music, Google Maps™, etc.) require to be updated to the latest versions.

Activate Android Auto

Download the Android Auto App from the Google Play store before continuing.

Just plug in your smartphone to the vehicle's USB connector, then follow the prompt to pair your smartphone with the unit.

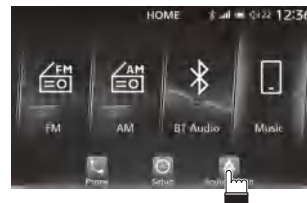
- *The connected smartphone with Android Auto will disconnect other phone's Bluetooth connection and pair to the unit.*

1 Press (HOME) button.

The HOME screen is displayed.

2 Touch [Android Auto].

The Android Auto screen is displayed.

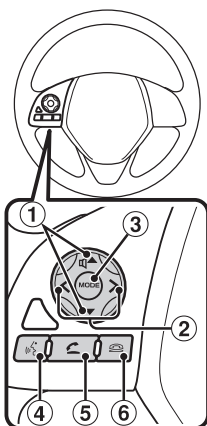


- *When a used smartphone is reconnected, touch the pop-up message- "Android Auto connected" within 5 seconds to access to Android Auto screen.*
- *You can make a call, use voice recognition function and Android Auto's compatible navigation app, etc.*
- *Only Google approved apps with necessary driver-safety measures in place can be used.*

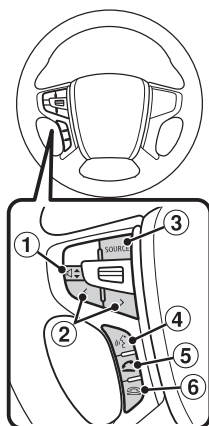
Remote control

Steering wheel control buttons

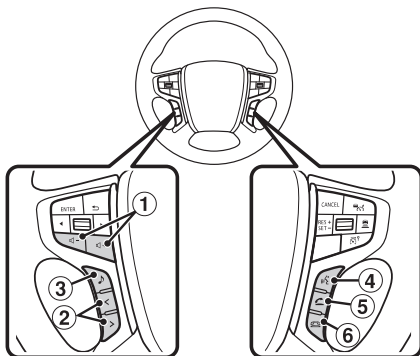
Type 1



Type2



Type 3



Steering wheel control key	Normal mode	Apple CarPlay mode or Android Auto mode
① Volume up/down 	Volume up/down	Volume up/down
② Preset up/down 	Short press: Radio/SiriusXM: Preset up/down Bluetooth Audio/ USB/iPod: Track up/down Long press: Radio: Station up/down SiriusXM: Channel up/down USB: Folder up/ down Bluetooth Audio/ iPod: Fast forward/ backward	The action depends on the connected Smartphone
③ Source switch MODE/ SOURCE/ 	Short press: Switch media sources Long press: Power off	Short press: Switch media sources Long press: Power off
④ Voice recognition activation 	Siri or Google Assistant mode while available	Siri or Google Assistant mode
⑤ Hook 	Accept/Toggle call	Accept/Toggle call
⑥ Drop 	Hang Up/Reject call	Hang Up/Reject call

Information

Indication for USB Memory

No Data

- USB Memory has no available file.
 - Confirm the file content in Memory.

Connected USB device is not supported.

- A USB device that is not supported by the unit is connected.
 - Attempt to connect another USB flash drive. See "Specifications" for "USB SECTION" on page 36.

USB Hub is not supported

- A USB flash drive with a hub is connected.
 - You cannot play back from a USB flash drive with a hub. USB hub connections are also not supported.

Device Not Responding

- Device error
 - Attempt to reconnect the USB Memory.
 - Attempt to connect another USB flash drive. See "Specifications" for "USB SECTION" on page 36.

File Format not supported

- An invalid file is played.
 - Automatically skip to next file to continue to play.

Connection error detected. Please reconnect USB and press "Continue".

- Abnormal current is run to the USB connector device.
 - Reconnect the USB device and touch [Continue] key.
 - Touch [Ignore] key will ignore this error, but USB source become unavailable.

Indication for SiriusXM

Check Tuner

- The SiriusXM Tuner is disconnected or the unit is having trouble communicating with the Tuner.
 - Connect the Tuner or check the Tuner connection to the back of the unit.

Check Antenna

- The SiriusXM Satellite Radio antenna or cable is either damaged or not connected correctly to the SiriusXM Tuner.
 - Check that the SiriusXM antenna cable is connected to the SiriusXM Tuner and check that the antenna cable is not kinked or otherwise damaged. Replace the antenna if necessary.
 - SiriusXM products are available at your authorized MITSUBISHI MOTORS dealer or online at www.shop.siriusxm.com.

No Signal

- The SiriusXM satellite signal is too weak at the current location.
 - Move the vehicle to a location with a clear view of the southern sky.
 - Make sure the Satellite Radio antenna is properly mounted and not obstructed by metal objects.

Channel <xxx> Not Subscribed Call SiriusXM to Subscribe

- The active channel has become unsubscribed or the requested channel is not available in your subscription package.
 - In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription package or would like to subscribe to this channel. In Canada, visit www.siriusxm.ca or call 1-888-539-7474. Or you can consult an authorized MITSUBISHI MOTORS dealer.
 - The unit will revert to the previously selected channel or to channel 1 automatically.

Channel Not Available

- The active channel is no longer in the SiriusXM channel lineup or the user has entered an invalid channel number.
 - Visit www.siriusxm.com for information on the current channel lineup. Or you can consult an authorized MITSUBISHI MOTORS dealer.
 - The unit will revert to the previous channel or to channel 1 automatically.

Subscription Updated Press OK to Continue

- Your subscription has been updated.
 - Touch [OK] to clear this message.

Channel <xxx> Locked Please Enter the Lock Code _ _ _ _

- A locked channel is selected.
 - Input the passcode on the number keypad screen, see "Parental Lock Function" (page 18). If wrong passcode is entered, "Incorrect Pass Code entered" will be displayed and the unit will revert to the previous channel.

Indication for iPod Mode

Please reconnect iPod

- The iPhone is not authenticated.
 - Remove the iPhone, reconnect it again or try another iPhone, if possible.

Indication for BT Audio Mode

No Data

- There is no data in the selected search hierarchy.
 - Try to search in other hierarchy or connect other Bluetooth device.

Indication for all Modes

The system is unable to start due to excessive heat. The system will start after the system cools.

- Protective circuit is activated due to high temperature.
 - The system will start automatically. If the temperature drops to normal operating range, the monitor will brighten automatically, otherwise, the unit still can't start.

Specifications

MONITOR SECTION

Screen Size	7"
LCD Type	Transparent type IPS LCD
Operation System	Amorphous-TFT-LCD
Number of Picture Elements	1,152,000 pcs. (800 × 480 × 3 (RGB))

Illumination System LED

FM TUNER SECTION

Tuning Range	87.7 – 107.9 MHz
Signal-to-Noise Ratio	>55 dB
Stereo Separation	>23 dB
Capture Ratio	<8 dB

AM TUNER SECTION

Tuning Range	530 – 1,710 kHz
--------------	-----------------

USB SECTION

USB requirements	USB 2.0
Max. Power Consumption	1,500 mA (CDP Support)
USB Class	USB (Mass Storage Class)
File System	FAT16/32
Number of Channels	2-Channels (Stereo)
Frequency Response ^{*1}	5 – 20,000 Hz (±1 dB)
Total Harmonic Distortion	<0.5% (at 1 kHz)
Signal-to-Noise Ratio	>65 dB
Channel Separation	>55 dB (at 1 kHz)

**1 Frequency response may differ depending on the encoder software/bit rate.*

Bluetooth SECTION

Bluetooth Specification	Bluetooth V4.2
Frequency band	2,402 - 2,480 MHz
Output Power	+4 dBm Max. (Power class 2)

GENERAL

Power Requirement	13.5 V DC (10–16 V allowable)
Operating temperature	-22°F to +158°F (-30°C to +70°C)
Maximum Power Output	40 W × 4
Weight	1.15 kg

CHASSIS SIZE

Width	178 mm
Height	61.3 mm
Depth	108.5 mm

NOSE SIZE

Width	206.5 mm
Height	105.4 mm
Depth	24 mm

About the Rules of Bluetooth Electromagnetic Radiation Regulation

USA/Canada	FCC 15.105 Information to the user (Class B) 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. IC RSS-Gen 8.4 User Manual Notice for Licence-Exempt Radio Apparatus This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device. L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. FCC 15.21 Information to user Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
--------------------------	--

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.

OpenSSL License

Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1 Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.**
- 2 Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.**
- 3 All advertising materials mentioning features or use of this software must display the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"**
- 4 The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.**
- 5 Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.**
- 6 Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"**

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

