

## **Display Audio with Smartphone Link**

There will be some discrepancy in the contents of this user's manual due to the technical evolution and the software improvement. Please follow the actual function display. This manual is only for users' operating reference.

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# Safety Information

## Precautions

### IMPORTANT

Please read this user's manual carefully before operating this product to ensure proper use.

For safety concerns of using this product, the following symbols are used in this manual to indicate the important information that you need to be aware.

**DANGER**

The warning against anything which may cause death or serious injury if this is ignored.

In order to reduce the risk of injury, please pay attention to the information.

**CAUTION**

The warning against anything that may cause accidents, personal injury or damage to the car.

**NOTICE**

Describe items that you should be aware of when using the product to ensure the safety.

## For safety

### ▲ DANGER

- Driver should not look at the display or operate the system while driving because driver could be distracted or caused accidents. Before looking at the display or operating the system, driver should stop the vehicle in a safe location and use the parking brake.
- Do not pair Bluetooth device while driving. Stop your car at a safe place before attempting to pair.
- Do not attempt to install or remove the unit by yourself. For safety concerns, please contact your dealer for advice on installation or removal of the unit.
- If the unit has any abnormalities, like no power, no sound, strange noise, or odor, turn off the device immediately and consult your dealer or nearest service center.
- Do not put foreign objects into the product. If there are foreign objects in the product, please consult your dealer or the nearest service center.
- Keep the volume in an appropriate level to be aware of road and traffic conditions while driving. This unit is designed for using exclusively in automobiles.

## ⚠ CAUTION

- Operating the audio system for a long period while the vehicle engine is turned off will drain the battery.
- Do not disassemble, modify or repair the product by yourself. Be sure to consult your dealer or the nearest service center.
- Do not have liquids to get into the product. The liquids will result in electric shocks and damage the product.

## ■ About FM radio reception

- When listening to FM broadcasts in a moving vehicle, the reception conditions constantly changes with building, terrain, distance from the transmitter and noise from other vehicles.
- The following phenomena of FM reception are normal and do not indicate a problem with the radio itself.



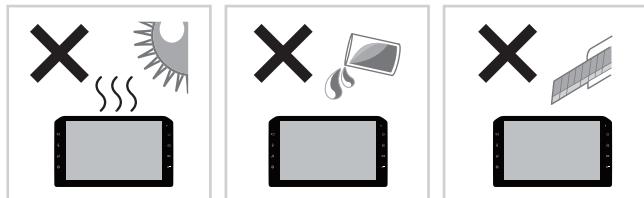
## ☞ NOTICE

- Fading and drifting: The range of FM is about 40 km (25 miles), except for the high-power stations. If the vehicle moves away from the transmitter, the signal tends to fade out and/or drift. This is common to FM broadcasting and might be accompanied by distortion. Fading and drifting can be minimized by tuning to a stronger signal.
- Static and flutter: When the lines of sights link between the transmitter and vehicle is blocked by large building etc. , the broadcast sound may include static or flutter. You may also experience fluttering while driving along a tree-lined road. The effects of static and fluttering on the sound can be reduced by decreasing treble.
- Multipath: Due to the reflection characteristics of FM signals, direct and reflected signals may reach the antenna simultaneously (this is called multipath) and cancel each other. As the vehicle moves through such a spot, a momentary flutter or loss of reception may occur.
- Station swapping: When two FM stations are located close to each other in the frequency spectrum and the current signal is interrupted by an electronic dead spot caused by static or multipath, the stronger signal may automatically be selected until the original signal returns. Station swapping can also occur as the vehicle moves away from a station and towards another with a stronger signal.
- Buttons and Icons in this device will be described in bold lettering, e.g. **Radio function**, or **System Screen**.

# Before Using

## Precautions on using this unit

- This precision mechanical device should be handled carefully.
- Please avoid using this device at extremely high or low temperatures, which can cause malfunction or failure. Metal objects and liquids should not be in contact with the device, and hard shocks can damage the device.



### ■ Clean the unit

- Do not use volatile liquid such as alcohol or thinner for cleaning the unit, which may scratch the case or remove the screened print.
- If you use a chemical wiping cloth, follow the instructions carefully.

### ■ Clean the display

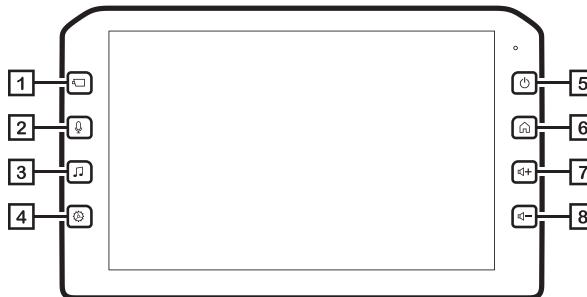
- To clean the display, wipe it with a dry soft cloth, such as silicon cloth.
- Rubbing the display with a rough cloth could scratch the surface.

### ■ Protecting the monitor

- To protect the monitor from damage, do not operate the monitor using a ball point pen or similar tool with a sharp tip.
- If you stick a film screen protector on the screen, it may interfere with touch panel operation.

# Basic Operations

## Operation buttons



Number	Hard Key	Name	Function
1	camera icon	Camera	<ul style="list-style-type: none"> <li>Short press to enter the camera screen or to return from the camera screen.</li> </ul>
2	microphone icon	Voice	<ul style="list-style-type: none"> <li>Short press to trigger Apple CarPlay Siri or Android Auto voice recognition.</li> </ul>
3	audio icon	Audio	<ul style="list-style-type: none"> <li>Short press to enter All Source or AV screen.</li> <li>Long press to enter audio setting menu.</li> </ul>
4	gear icon	Settings	<ul style="list-style-type: none"> <li>Short press to enter the Setting mode or to return from the Setting mode.</li> <li>Long press to display sub menu on mirroring screen. *Please connect with MM-Link.</li> </ul>
5	power icon	Power	<ul style="list-style-type: none"> <li>Short press to display off screen.</li> <li>Long press to enter the power off screen and short press to return from the power off screen.</li> </ul>
6	home icon	Home	<ul style="list-style-type: none"> <li>Short press to display Home screen.</li> </ul>
7	volume up icon	Volume up	<ul style="list-style-type: none"> <li>Adjust the volume up.</li> <li>The volume goes up to 25 when you keep pressing.</li> </ul>
8	volume down icon	Volume down	<ul style="list-style-type: none"> <li>Adjust the volume down.</li> </ul>

## Power-On operation

When turning on the car, the unit will be automatically turned on.

- 1 Push Start Button and turn on your car.



- 2 The opening screen on the unit will appear as below picture.

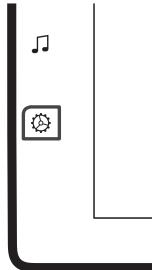


- 3 Read the precaution messages and touch [Agree] or touch [Language] to change the display language.



## Regional Setup

- 1 Press  to display the setting menu.



- 2 Touch [System] to display the System menu.



- 3 Touch [Regional] to display the Regional menu.



#### 4 Set each item



##### ■ Language

Select Language.

##### ■ Clock Sync

Clock Sync has GPS Sync and Manual settings.

##### ■ Time Zone

If you select [GPS-Sync] for Clock Sync, select the time zone.

##### ■ Clock Adjust

If you select [Manual] for Clock Sync, adjust the date and time manually.

##### ■ Time Format

Select the time display format. (**12-Hour** or **24-Hour**)

#### ■ Adjust date and time

Select [Manual] for Clock Sync on the Regional menu.

- 1 Select [Clock Adjust] on the Regional menu.
- 2 Adjust date and time by touching arrow buttons.

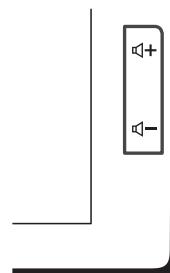


#### Adjust the volume

Adjust the volume up or down by pressing and .

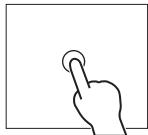
Press to increase the volume, and press to decrease the volume (0-40).

Holding to increase the volume continuously to level 25. Volume level 26-40 can be adjusted by pressing one step by time.

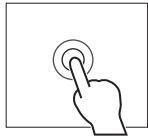


## Gesture Control Operation

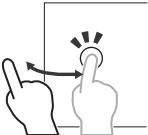
- Touch the appropriate function key on the touch screen.



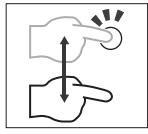
- Touch and hold the appropriate function key on the touch screen.



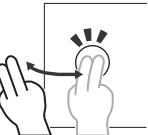
- Flick and swipe in the direction of the arrow on the touch screen.



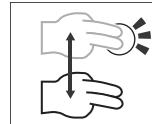
- Touch and drag in the direction of the arrow on the touch screen.



- Touch with two fingers in the direction of the arrow on the touch screen to move to the previous or next content in Radio and audio sources.\*<sup>1</sup>



- Touch with two fingers in the direction of the arrow on the touch screen to adjust volume up and down.\*<sup>1</sup>



- Touch with four fingers in the direction of the arrow on the touch screen to mute or turn off the mute.\*<sup>1</sup>



### NOTE

\*<sup>1</sup> Two fingers and four fingers gesture controls are not available for Android Auto

## Display the Settings menu

- 1 Press  button to display Settings menu.
- 2 The contents of the menu are as below.



 Display Adjust	<ul style="list-style-type: none"><li>• Display the Display Adjust Settings.</li></ul>
 System	<ul style="list-style-type: none"><li>• Display the System Settings.</li></ul>
 Connectivity	<ul style="list-style-type: none"><li>• Display the Connectivity Settings.</li></ul>
 Audio	<ul style="list-style-type: none"><li>• Display the Audio Settings.</li></ul>

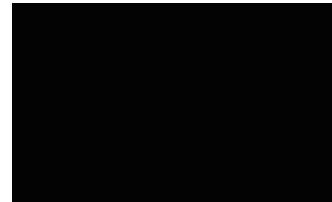
### NOTE

- On **P. 46**, "Display the Settings menu".

## Power off screen

When power off screen, the screen will become black.

- 1 Long press  button.



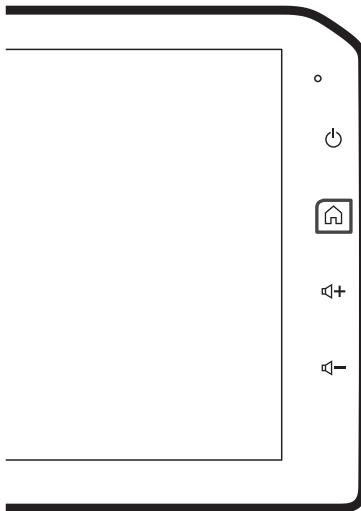
- 2 Back to the original screen.

Short press any button and display the original screen.

## Home screen descriptions

Most functions can be performed from the Home screen.

1 Press  button.



1 Display time and date.  
2 Display current source information.  
Touch to display the control screen of the current source.  
3 Display cardinal direction.  
4 Short-cut source icons.

## All source screen

You can display icons of all playback sources.

1 Press  button.

2 Touch .



1 Display available sources.

2 Return to the Home screen.

From the screen, you can select the following sources and functions.



• Play files on USB devices.



• Play an iPod / iPhone.



• Display the Hands Free screen.



• Play a Bluetooth Audio player.



• Turn off the AV source.



• Switch to the Apple CarPlay from the connected iPhone.



• Switch to the Android Auto from the connected Android device.



• Switch to the MM-Link from the connected iPhone / Android device.



• Play the Radio.

\* Only for the vehicle equipped with genuine dashboard camera.

## ■ To select the short-cut source icons on the Home screen.



- The 6 icons other than the [All Source] icon are located on the Home screen.
- Except for [Apple CarPlay] and [Android Auto] icons, you can change the icons displayed on this area by customizing the All Source selection screen.

## ■ To turn off the AV source

- 1 Press button.
- 2 Touch .
- 3 Touch [AV Off].



## ■ Customize the short-cut source icons on the Home screen.

You can arrange the short-cut source icons on the Home screen.

- 1 Press button.
- 2 Touch .
- 3 Touch and hold the icon which you prefer and move to the customizing area.



## Source control screen descriptions

There are some functions which can be performed from most screens.



### 1 All source

Display the All Source screen.

### 2 Mute

Mute icon is indicated while this unit is muting.

### 3 Connected Bluetooth phone status

Phone signal and battery status.

### 4 Text scroll

Scrolls the displayed text.

## List screen

There are some common function buttons in the list screens of most sources.



### 1 Back

Return to the previous screen.

### 2 etc.

Buttons with different functions are described as below.

- Move to the upper hierarchy.
- Move to the top.
- Play all tracks in a folder containing the current track.
- Alphabet search

### 3 Music / Video file switching

### 4 Display the list of selection type

### 5 Text scroll

Scrolls the displayed text.

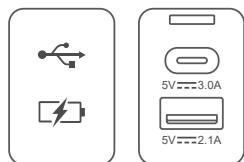
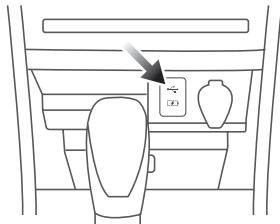
#### NOTE

- Depending on the current source or mode, some functional buttons may not appear.

# Connection

## Wired Connection

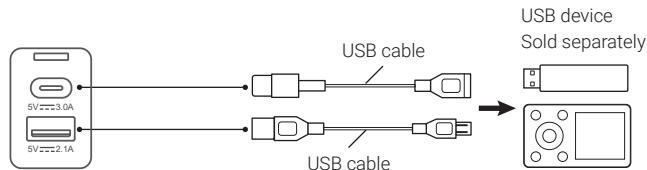
This unit can be connected to external devices. Open the USB front cover and connect the external device via the following accessory.



### Connecting a USB device (see P. 34)

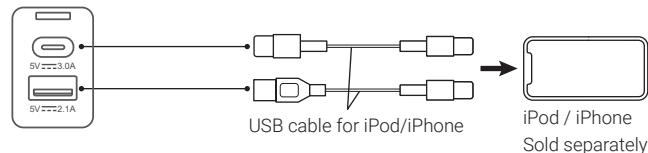
Both connectors can be used for USB device.

One connector is applicable for USB Type-A, and the other one is for USB Type-C® connector.



### Connecting an iPod/iPhone (see P. 37)

For iPod/iPhone usage, connect the USB cable to the top connector. The bottom connector is used only for charging.

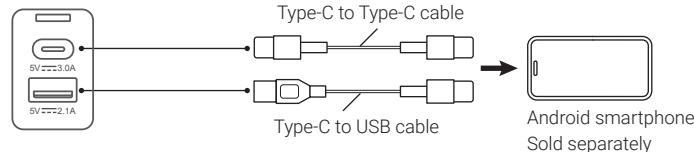


#### NOTE

- Depending on the iPod/iPhone connector, use a genuine Apple Lightning-USB cable or a USB-IF certified USB-C to USB-A USB cable. If you use non-certified cable, it may not work properly.

### Connecting an Android smartphone (see P. 41)

For Android smartphone usage, connect the USB cable to the top connector. The bottom connector is used only for charging.



# Bluetooth Control

## Information for using Bluetooth® devices

Bluetooth is a short-range wireless radio communication technology for mobile devices such as mobile phones, portable PCs, and other devices.

Bluetooth devices can be connected without cables and communication with each other.



### △ CAUTION

- While driving, do not perform complicated operations such as dialing numbers, using the phone book, etc. When you perform these operations, stop your car in a safe place.

### NOTE

- The connection condition may vary depending on different environment.
- Some Bluetooth audio may be limited by the format of mobile device's application.
- This unit may not work for some Bluetooth devices.
- Some Bluetooth devices are disconnected when this unit is turned off.

### ■ Supported Bluetooth profiles

This unit conforms to the following Bluetooth specifications.

#### Version

- Bluetooth Ver. 5.0

#### Profiles (Mobile phone)

- HFP (V1.6) (Hands Free Profile)
- PBAP (V1.1) (Phonebook Access Profile)

#### Profiles (Audio player)

- A2DP (V1.2) (Advanced Audio Distribution Profile)
- AVRCP (V1.5) (Audio/Video Remote Control Profile)

#### Profiles(MM-Link)

- A2DP (V1.2) (Advanced Audio Distribution Profile)
- AVRCP (V1.5) (Audio/Video Remote Control Profile)
- HID(V1.0)(Human Interface Device)

## Register the Bluetooth device

Before using the Bluetooth function, please register the Bluetooth audio player or mobile phone in the unit. You can register up to 10 Bluetooth devices.

### NOTE

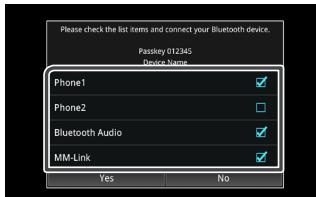
- Up to 10 Bluetooth devices can be registered. When the 11th Bluetooth device had been registered, the Bluetooth device connected on the earliest date will be removed automatically.
- The devices that can be used simultaneously are
  - 2 Hands-free devices.
  - 5 Bluetooth Audio devices / 4 Bluetooth Audio devices and 1 MM-Link device.

- 1 **Search for the name of unit (MITSUBISHI MOTORS DA002) from your mobile device.**
- 2 **Confirm the request on both unit and mobile device.**

Please check the list items and connect your Bluetooth device.  
Passkey 012345  
Device Name



- 3 **Select the functions you would like to use.**



### ■ Phone1 / Phone2

2 hands-free devices can be connected simultaneously.

### ■ Bluetooth Audio

Put check mark to use Bluetooth Audio.

### ■ MM-Link

Put check mark to use MM-Link.

- 4 **Touch [Yes].**

- When the connection is completed and successfully connected, Bluetooth telephone connection icon appears on the top of the screen.

### NOTE

- If the mobile phone supports PBAP, the phonebook data is downloaded automatically when you select **Phone1** or **Phone2**.

## Bluetooth setup

- 1 **Press  button.**

- 2 **Touch [Connectivity].**



## 3 Touch [Bluetooth].



## 4 Set each item as follows.

## ■ Bluetooth

Set whether to use the Bluetooth function.  
The default is ON.

## ■ Device Select

Connect the Bluetooth device.

## ■ Device Name

Change the device name.

## □ Connect the Bluetooth device

## 1 Touch [Device Select].



## 2 Touch one of the devices you would like to connect.



## NOTE

- If the icon is lighted, it means that the unit will use that device.

## 3 Set each item as follows.



## ■ Phone1 / Phone2

2 hands-free devices can be connected simultaneously.

## ■ Bluetooth Audio

Put check mark to use Bluetooth Audio.

## ■ MM-Link

Put check mark to use MM-Link.

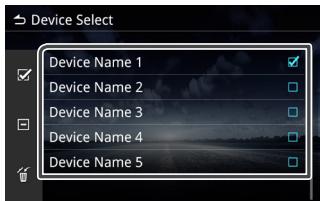
## 4 Touch [Close].

## ■ To delete the registered Bluetooth device

1 Touch .



2 Touch the device name to delete.



■  Selects all Bluetooth devices.

■  Clear all selected check marks.

3 Touch  and the confirmation message appears.



4 Touch [Yes].

## ■ Change the device name

1 Touch Device Name.



2 Touch  to delete letters.

3 Type in device name.



4 Touch [Enter].

## Playing Bluetooth Audio device

Touch Bluetooth Audio icon on the source selection screen.

### NOTE

- While the Bluetooth Audio is playing, if you connect your Android phone / iPhone to the USB port and enable Android Auto / CarPlay, the Bluetooth Audio will be disconnected.
- In this case, you will not be able to select the Bluetooth Audio icon from the All Sources screen, i.e., you will not be able to switch to Bluetooth Audio.
- In order to play the Bluetooth Audio, you need to disconnect your Android phone / iPhone from the USB port.

## Bluetooth basic operation



### 1 Track information display

Display the current track information, such as song title, artist name, album title, and connected device name.

### 2 Operation keys

- Search for files.
- Shuffle play.
- Shuffle play off.
  - Shuffle may not show depending on mobile device.
- Move to the previous / next content.
  - Long press to fast forward or fast backward. \*
  - This operation is also possible with the steering control.
  - If the mobile device doesn't support this function, it can't be performed on the unit.
- Play.
- Pause.
- Repeat all files.
- Repeat a file.
- Turn off repeating.
  - Repeat may not show depending on mobile device.

### 3 Playing time

Display the current playing position.

### 4 Bluetooth audio devices switch.

## ■ Bluetooth audio device change

Up to five Bluetooth audio device can be connected and switched.

1 Touch  and list of registered devices is displayed.

2 Touch the device name you would like to connect.

- Touch  on the left of the connected device.

 (White icon/Blue background) :

The device is connected.

 (White icon/Blue frame) :

The device is disconnected.

 (Gray icon/Gray frame) :

6th and later devices.

- \* Up to five devices can be used simultaneously.



\* The background color will differ based on the different background images chosen.

3 Touch .

- The device can start to play when the color changes from white to blue.

 (White icon/Blue background) :

The device is during playback.

 (White icon/Blue frame) :

The device is connected.

 (Gray icon/Gray frame) :

The device is disconnected.



\* The background color will differ based on the different background images chosen.

4 Touch  to go back to Bluetooth Audio operation.

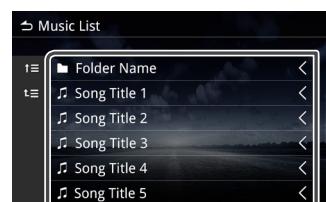
## NOTE

- When the Bluetooth audio is switched to another one, the current audio settings will be deleted and the new connection settings will be restored.

## ■ Searching Files

1 Touch .

2 Touch the selected file or folder.



3 Touch the selected item in the content list and start to play.

## Hands-Free Function

Use telephone function by connecting the Bluetooth telephone to the unit.

### ■ Make a phone call

- 1 Press  button.
- 2 Touch .
- 3 Touch [Phone].

#### NOTE

- If the mobile phone supports PBAP, the unit can display the phone book list and call history after mobile phone is connected with the unit.
- Phone book list up to 1000 entries.
- Call history up to 50 entries.

### 4 Select operation function.



### 1 Switch to another mobile phone.

You can switch between the mobile phones when you connect two mobile phones.

### 2 History

Call from the dialed call, received call or missed call.

### 3 Phonebook

Call from the phone book downloaded from the phone.

### 4 Dial

Call by entering a number.

### 5 Phone Setup

Phone Setup screen appears. (P. 27)

#### NOTE

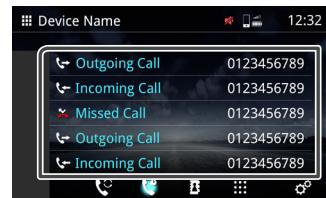
- The sound quality and performance of Bluetooth hands-free will be effected by mobile phones and carrier conditions.
- Status of battery and signal reception may differ from those displayed on the mobile phone.

### ■ Call history usage

Call from the dialed call, received call or missed call.

### 1 Touch .

### 2 Select phone number from the list.



## ■ Phonebook usage

You can use phonebook to make a call. Before starting to use, please make sure to download the phonebook data.

### 1 Touch insert the phonebook screen.



■  Searching by alphabet.

■  Remove phonebook.

■  Download phonebook to the unit.

### 2 Touch and start downloading.



#### NOTE

- Up to 1000 phonebook entries can be downloaded. If the phonebook contains more than 1000 entries, remaining entries will not be transferred.
- Up to 10 Bluetooth devices can be stored in the unit.
- When you connect the mobile phone of which the phonebook data had been previously downloaded, the previously downloaded data will be displayed.

### 3 After download the phonebook data, you can start to use phonebook and make a call.

## ■ Call using the phonebook

### 1 Touch .

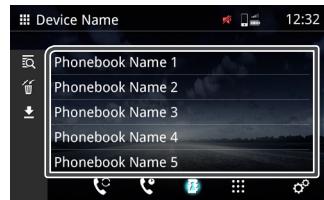
### 2 Touch .

### 3 Select the initial.

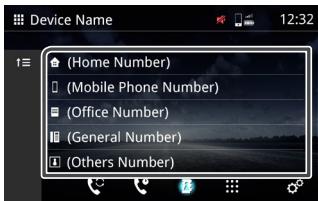
- Special characters cannot be used for searching.
- Different languages with the first character equivalent accent can be used for searching, but cannot be used to search middle word.



### 4 Select the name from the list.



5 Select the phone number from the list.



■ Move to the upper hierarchy.

## ■ Entering phone numbers to make a call

1 Touch .

2 Enter the phone number with dial pad.\*



\*The text box can only enter maximum 30 numbers. If over 30, the dial pad will be disabled.

3 Touch .

## ■ Receive Incoming call

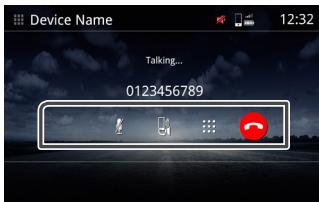
1 Touch to answer the phone call or touch to reject the incoming call.



■ To end the call

While talking, touch to end the call.

## Operations during the call



### Adjust the reception volume up and down.

This operation is also possible with the steering control. Press and hard keys or use two fingers swipe on the screen. Swipe up is volume up and swipe down is volume down.

### Mute

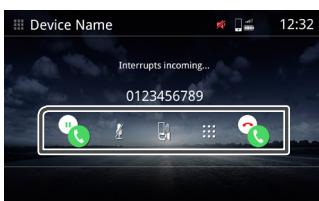
Touch to mute or unmute the voice.

### Voice switch

Touch / to switch the voice from the speaker to mobile phone or from mobile phone to the speaker.

### Output the dial tone

Touch to display dial pad.



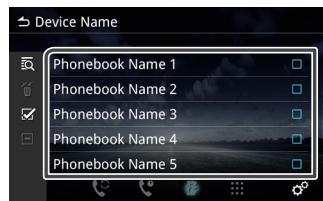
## Call-waiting

When you are talking and receive a new call, you can answer the newly received call by touching . The current call is put on hold. Each time you touch , the caller will change to the other one. Touch is to hang up the interrupting incoming call and keep current call.

## Phonebook deletion

1 Touch .

2 Select the name or use below icon.



Select all.

Clear all checks.

3 Touch and appear the confirmation message.

4 Touch [Yes].

## Phone Setup

- 1 Press  button.
- 2 Touch .
- 3 Touch [Phone].
- 4 Touch .



- 5 Setup each function as follows.



### ■ Select Phone Device.

Select the mobile phone to use as the Hands-Free phone 1 or 2 from the registered device list.

Touch  or  to switch between the selected phone device.



### ■ Auto Response

Set the automatic response time to pick-up the incoming call.

**OFF** (Default) : Turn off the automatic response.

**1 / 5 / 10 / 15 / 20 / 25 / 30** seconds : Set the ringing duration.

### ■ Sort order

Set the way of sorting the data of phonebook.

**First Name / Last Name** : Sort data by the first name.

**Last Name / First Name** (Default): Sort data by the last name.

### ■ Reception Volume

Adjust the reception volume (0-40).

Default value is "23".

### ■ Incoming Ring Tone Volume

Adjust the ring tone volume while talking (0-40).

Default value is "23".

# MM-Link

You can use MM-Link to display the smartphone's screen on the unit.

## Before start

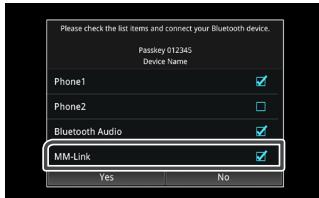
**1 Download 'MM-Link for Display Audio' from App Store (for iPhone) or Google Play (for Android phone).**

- 'MM-Link for Display Audio' is a free Application.  
Compatible devices are the following
  - iOS version 13 or later
  - Android version 6.0 or later
  - Bluetooth support

**2 Pair your smartphone with the unit via Bluetooth.**

- See Register the **Bluetooth device (P. 18)**  
and **Bluetooth setup (P. 18)**

**3 On the Bluetooth connection method screen, check the MM-Link checkbox.**



### NOTE

- 2-way touch control may not work with some Android Smartphone due to Smartphone's OS version or technical spec.
- Some Smartphone Video Apps or Video contents cannot be displayed to Display Audio screen due to App specification or copy-right policy.
- If you recognize that your smartphone gets hot, please stop using MM-Link and disconnect USB.
- Without Bluetooth connection, some functions, such as operation, cannot be realized.

## Operation (iPhone)

1 Press  button.

2 Touch .

3 Touch [MM-Link].



4 Activate 'MM-Link for Display Audio' in your smartphone.

5 On your iPhone, launch "Setting". Touch "Control Center".

Add "Screen Recording" to "INCLUDE" list.

Launch Control Center of your iPhone, touch and hold Screen Recording icon and then touch "MM-Link" and start broadcast.

6 Connect your iPhone with the unit via Lightning to USB cable.

7 Read the caution carefully and touch [Agree].



8 MM-Link screen appears.

9 To enable touch operation, calibration is carried out. (P. 32)

- Touch , display the Next Virtual Key.
- Touch , display the Home screen.
- Touch , display the Previous Virtual Key.
- Touch , check that the calibration is successful.  
\* If the calibration fails, please start again from No.5.

## Operation (Android phone)

1 Press  button.

2 Touch .

3 Touch [MM-Link].



4 Activate 'MM-Link for Display Audio' in your smartphone.  
Connect your Android smartphone via USB cable.  
You will see the Recording Permission Toast on your Android smartphone.  
Press "Start now" to start capturing your Android screen.

5 Read the caution carefully and touch [Agree].



6 MM-Link screen appears.

### NOTE

- You can check "how to" tutorial in 'MM-Link for Display Audio'.
- When you use MM-Link first time, MM-Link terms of service are displayed. It is necessary to agree to the MM-Link terms of service to use this function.

**NOTE**

- While displaying the MM-Link, you can switch to another audio source from "AV Source Select" on the MM-Link setup screen.
- While you use the MM-Link function with an iPhone, MM-Link is discontinued by the following operations. To resume the MM-Link functions, disconnect the USB cable and try connecting it again.
  - Receiving a call
  - iPhone's screen recording function is stopped.
  - iPhone screen is turned off.
- Due to a restriction in the smartphone, there may be no audio for some apps.
- While you use the MM-Link function with an Android device, the software keyboard is displayed only when you operate the Android device and enable the virtual keyboard beforehand.
- You cannot use both MM-Link and iPod source at the same time.
- You cannot use both MM-Link and Bluetooth Audio source at the same time.
- After you finish using the MM-Link function, stop broadcast on iPhone's screen recording function. Otherwise iPod, Apple CarPlay and Bluetooth Audio sources may not work correctly.
- For iPhone users, due to iOS system limitations, only one application can be opened at a time. When using any navigation application, please refrain from using other applications as this will interfere with MM-Link operations.

For example, if you use Waze together with Spotify, Display Audio will stop displaying Waze Navigation screen and only Spotify sound comes from Display Audio.

- Please do not rotate your iPhone during calibration (**P. 32**).
- If you manually put your iPhone to sleep, the connection will be lost. It recommend that you set your iPhone's auto-lock to "Never". (Settings->Display & Brightness->Auto Lock)
- Android phone has different levels of driving operation restrictions depending on the application.

## ■ MM-Link Setup

- 1 Press  button.
- 2 Touch [Connectivity].



- 3 Touch [MM-Link].

- 4 Settings for each item as follows.



### ■ AV Source Select

When using MM-Link, you can choose the media source to be played in the background.

AV OFF/MM-Link/Radio/USB



### ■ Show MM-Link Screen

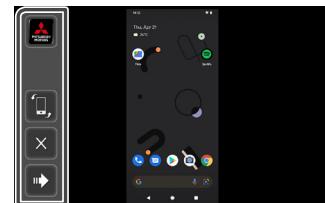
When you press the item, the screen displays MM-Link.

## ■ Virtual hard key set up

While MM-Link is connected successfully, you can operate the App by using the virtual keys.

- Long press  button.

The virtual hard key appears.



-  My Mitsubishi App \*

\* Only Indonesia has this app.

-  Touch position calibration.

\* Only support iOS smartphone.

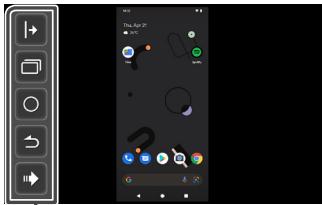
\*\* During calibration, the display should be in portrait orientation and should not be rotated.

\*\*\* Please set the Tracking Sensitivity in the iPhone Touch Settings to as low as possible.

-  Screen rotation \*

\* iPhone doesn't support screen rotation.

- ➡ Go to the next virtual hard key.
- ⬅ Close the virtual key.



- ➡ / ⬅ Display the virtual key at the right/left side of screen.
- ➡ Display the screen in pagination way.
  - \* iPhone doesn't support.
  - \*\* Depending on the smartphone, image may look expanded.
- Back to home.
- ⬅ Go to the previous screen.
  - \* iPhone doesn't support.
- ➡ Go to the previous virtual hard key.

#### NOTE

- Each function of the MM-Link virtual hard key differs depending on the connected device and may differ from the function operated on the device.
- The screen examples shown in the manual are those for the Global model.
- Screen may vary according to the models.

# USB

## Connect to the USB device

- 1 Connect the USB device to the USB port (P. 16).
- 2 Press  button.
- 3 Touch .
- 4 Touch [USB].
  - Supported USB profile FAT16, FAT32.

## USB Operation

- 1 Press  button.
- 2 Touch .
- 3 Touch [USB].

### Music File



### Video File



#### 1 Track information display

Display the current track information, such as music name, artist name, album name, file name and folder name.\*

\* Only a file name and a folder name are displayed if there is no tag information.

#### 2 Operation keys

-  Search for tracks / files.
-  Shuffle play.
-  Shuffle play off
-  Move to the previous/ next content.  
Long press to fast forward or fast backward.  
This operation is also possible with the steering control.
-  Play or pause.
-  Repeat all files.
-  Repeat a file.
-  Repeat the files in the folder.

### 3 Playing time

Display the current playing position. You can drag the circle point left or right.

-  : Play
-  : Pause

### 4 USB devices switch

When plug in 2 USB devices, you can touch this key to switch from USB 1 to USB 2.

### 5 Hide (Video file only)

Hide all information on the screen.



#### NOTE

- Touch to display the control screen.

## Searching Files Operation

You can search music or video files by the following operations.

- 1 Touch  .

- 2 Touch  to selected a list type.



- 3 Touch the selected item in the content list.

#### NOTE

- For operation of the list screen, please see *List screen (P. 15)*.

## ■ Folder search

You can search for a file according to hierarchy.

- 1 Touch Folder List.
- 2 Touch the folder you would like to select.



- File folder.
- Music file.
- Video file.

### NOTE

- Next file will be played automatically, regardless of music or video files in the folder list.
- Hierarchy of sorting result is folder > files.

## ■ Category search

You can search for files by selecting category.

- 1 Touch Category List.
- 2 Select which category you would like to search.



### ■ Music / Video file switching.

- 3 Touch to select the desired item in the list.
- Repeat this step until you find the desired file.

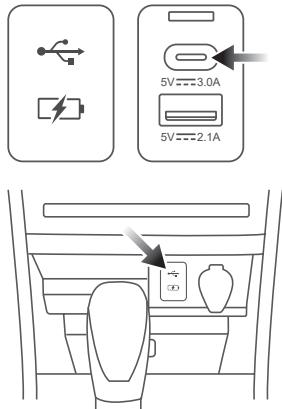
### NOTE

- The list corresponding to your selection appears.

# iPod / iPhone

## Setup for iPod / iPhone

Connect your iPod/iPhone with the USB cable that matches the connector to the USB Type-C port.



### Connect iPod/iPhone

- 1 Connect the iPod/iPhone to the USB Type-C port.
- 2 Press  button.
- 3 Touch .
- 4 Touch [iPod].

### ▲ DANGER

- Firmly secure the iPod when driving. Do not let the iPod fall onto the floor, where it may become jammed under the brake or accelerator pedal.

## iPod / iPhone Basic Operation



### 1 Track information display

Display the current track information, such as music name, artist name, album name, file name and folder name.

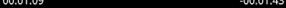
### 2 Operation keys

-  Search for tracks/files.
-  Shuffle play.
-  Shuffle play off
-  Move to the previous / next content.  
Long press to fast forward or fast backward.\*  
This operation is also possible with the steering control.
- \* If the mobile device doesn't support this function, it can't be performed on the unit.

-  Play or pause.
-  Repeat all files.
-  Repeat a file.
-  Turn off repeating.

### ③ Playing time

Display the current playing position. You can drag the circle point left or right.

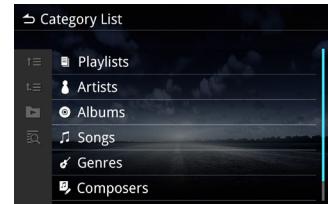
-  : Play
-  : Pause

## Searching Files Operation

You can search music or video files by the following operations.

1 Touch .

2 Touch the desired category.



# Apple CarPlay

## Setup for Apple CarPlay

Apple CarPlay can only be operated on compatible iPhone which is connected to the unit via certified USB cable.

Apple CarPlay may not be available on some countries or regions. For details about Apple CarPlay, visit the official website:  
<https://www.apple.com/ios/feature-availability/#apple-carplay>

### NOTE

- App providers are responsible for the content and functionality of Apple CarPlay.
- App providers determines the limitation of using Apple CarPlay while driving.

## Starting procedure

- 1 Touch [Apple CarPlay].
- 2 Apple CarPlay screen appears.



- 1 Display the Apple CarPlay menu with a single touch of the key.

Touching and holding the key will launch the voice recognition function. Voice recognition function can also be launched by touching .

- 2 Touch Display the HOME screen.

### NOTE

- Mitsubishi Motors is not responsible for data lost from an iPhone while using this function. Please back up your iPhone data regularly.
- Do not expose iPhone to the direct sunlight for extended amount of time. It may result in iPhone malfunction due to the high temperature.

## Setting the driver position

In order to achieve optimum usability of Apple CarPlay, set the driver position setting correctly according to the vehicle.

**1** Press  button and Popup menu appears.

**2** Touch [System].



**3** Touch [User Interface].

**4** Touch [Driving Position].

**5** Touch the item you would like to set.\*

- Left: Select for a left-hand drive vehicle.
- Right: Select for a right-hand drive vehicle.

\* The setting will be applied the next time an Apple CarPlay compatible device is connected to the unit.

# Android Auto

## Setup for Android Auto

Android Auto can only be operated on compatible Android mobile phone which is connected to the unit via certified USB cable. Android Auto may not be available on some countries or regions. For details about Android Auto, visit the official website: <https://support.google.com/androidauto>

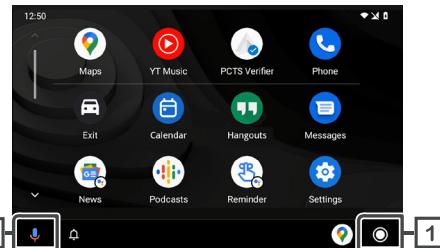
### Android Auto compatibility

Android Auto is available on Android 6.0 and later version. If your mobile phone is below Android 9.0, please download the "Android Auto" App from Google Play. If your mobile phone is Android 10.0 or later, you do not need to download the "Android Auto" app.

## Starting procedure

- 1 Connect and pair the mobile device with the unit by Bluetooth.
- 2 Connect the Android Auto compatible mobile device to the unit via USB cable.
- 3 Touch [Android Auto].

### 4 Android Auto screen appears.



If the function is set up, Android Auto will launch automatically when the compatible mobile device is connected to this unit.

- 1 Display the Android Auto menu screen with a single touch of the key.
- 2 Touch the key can launch the voice recognition function. Voice recognition function can also be launched by touching .

### NOTE

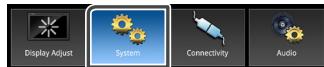
- Mitsubishi Motors is not responsible for data lost from a mobile device while using this function. Please back up your mobile device data regularly.
- Do not expose mobile device to the direct sunlight for extended amount of time. It may result in mobile device malfunction due to the high temperature.

## Setting the driver position

In order to achieve optimum usability of Android Auto, set the driver position setting correctly according to the vehicle.

1 Press  button and Popup menu appears.

2 Touch [System].



3 Touch [User Interface].

4 Touch [Driving Position].

5 Touch the item you would like to set.\*

- Left: Select for a left-hand drive vehicle.
- Right: Select for a right-hand drive vehicle.

\* The setting will be applied the next time an Android Auto compatible device is connected to the unit.

# Radio

## Starting procedure

- 1 Press  button.
- 2 Touch .
- 3 Touch [Radio].

## Basic operation

FM or AM radio can be received and played.

### RDS/RBDS

The RDS/RBDS enables FM radio stations to send additional information along with the regular program signal. The radio and tuners with RDS/RBDS function is able to receive and display RDS/RBDS information, like station name, current program service name or program type.

#### NOTE

- Not all FM radio stations provide RDS/RBDS service, nor do they provide the same type of service.



### 1 TI \*1

Traffic information (On / Off).

### 2 Information display \*1

Display the current station information.

-  Switch to the next page information.

### 3 Operation keys

-  PTY Search (see **P. 44**). \*1

-   Switches to the previous/next frequency manually.

Touch and hold to tune to a station with good reception automatically.

In the HOME screen, the registered preset station can be selected.

-  Switch the band (FM1 / FM2 / AM).

-  Radio Setting.

- AF Search: When station reception is poor, automatically switches to the station that is broadcasting the same program over the same Radio Data System network. "ON", "ON (regional)", "OFF".

- Auto TP Seek: When the screen is not in the radio mode, the unit automatically seek station which supported traffic information. "ON", "OFF".

### 4 Preset station

Recalls the memorized station.

When touched for 2 seconds, stores the current receiving station in memory.

### 5 Auto preset

Preset stations automatically.

\*1 RDS/RBDS-compatible model only

## ■ Non-RDS/RBDS

Some countries does not support RDS/RBDS. The unit will display frequency information only.



## Auto preset procedure

1 Touch [AUTO.P].

2 Confirm the message and touch [Yes].



## ■ Manual preset procedure

1 Select the channel frequency you would like to preset in a key.

2 Touch a key (P)1-6 for 2 seconds.

## ■ PTY Search (RDS/RBDS-compatible model only)

You can tune into a station by using PTY (Programme Type).

1 Touch .

2 Select one from follows items.

### RDS genre

- News / Current Affairs / Information / Sports / Education / Drama / Culture / Science / Varied / Pop Music / Rock Music / Easy Listening Music / Light Classical / Serious Classical / Other Music / Weather / Finance / Children's Programmes / Social Affairs / Religion / Phone In / Travel / Leisure / Jazz Music / Country Music / National Music / Oldies Music / Folk Music / Documentary / All Speech / All Music

### RBDS genre

- News / Information / Sports / Talk / Rock / Classic Rock / Adult Hits / Soft Rock / Top 40 / Country / Oldies / Soft / Nostalgia / Jazz / Classical / Rhythm and Blues / Soft R&B / Foreign Language / Religious Music / Religious Talk / Personality / Public / College / Hablar Espanol / Musica Espanol / Hip-Hop / Weather / All Speech / All Music

3 Touch Search



### NOTE

- This function is available only when the FM tuner is selected.

# Other External Components

This function is available for the vehicle equipped with a back camera.

## Using the back camera

### ■ Driving Precautions

The back camera plays a subsidiary device in order to help driver check the rear image of the vehicle. Please be sure that before driving to make a visual check on the vehicle's surroundings with a mirror before operating the vehicle.

Please pay attention to the following notices and instructions when using the back camera.

### △ CAUTION

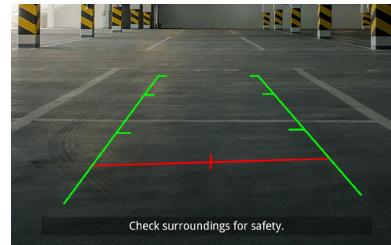
- Drivers shall not depend on the back camera only. There have some difference tolerance from the image and the actual object.
- When using back camera monitor, you should not only focus on the screen, but also use vehicle mirrors and eyes to check actual conditions.
- The position of guide line displayed on the monitor may differ from actual condition. Please take the actual guide line as reference and check with eyes.
- When the tire size changed, the guide line position displayed on the screen may also differ.

### ☞ NOTICE

- Do not use high-pressurized water column to wash back camera to avoid damage.
- The distances between the vehicle and objects may differ from the actual distance.
- There are blind spots of the vehicle so will not be displayed in back camera monitor.

### ■ Display the camera image screen

When you shift the gear to the reverse (R) position, the camera screen is displayed.



You can select to turn off guideline and caution message display. (see [P. 47](#))

### ■ Display the camera image manually

Short press  button to enter back camera image screen. (see [P. 7](#))

# Settings

You can adjust various Settings in the main menu.

## Display the Settings menu

- 1 Press  button and popup menu appears.
- 2 Touch one of the following items.

-  **Display Adjust Settings.**
-  **System Settings.**
-  **Connectivity Settings.**
-  **Audio Settings.**

### NOTE

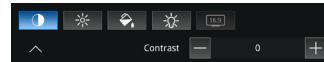
- For safety, the Settings cannot be set while the car is moving. If you would like to adjust Settings, stop the car in a safe place and apply the parking brake.

## Display Adjust

- 1 Press  button and popup menu appears.
- 2 Touch [Display Adjust].



- 3 Display control screen appears.



Adjust Contrast. "-4, -3, -2, -1, 0, 1, 2, 3, 4"



Adjust Brightness. "-4, -3, -2, -1, 0, 1, 2, 3, 4"



Adjust Color. "-4, -3, -2, -1, 0, 1, 2, 3, 4"



Adjust Backlight. "-4, -3, -2, -1, 0, 1, 2, 3, 4"



**(Video file only)**

Aspect. "Full, Normal, Auto"



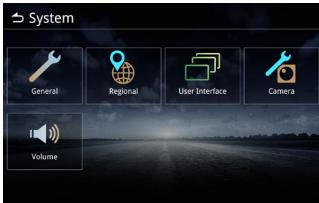
**Close the adjustment Settings.**

## System Settings

- 1 Press  button and popup menu appears.
- 2 Touch [System].



- 3 Select one of the Settings as follows.



- General settings.
- Regional Settings. (see **P. 8 - P. 9**)
- User Interface Settings.
- Camera Settings.
- Volume Settings.

## ■ General Settings

### ■ Software Information

Display the software information of the unit.

### ■ Open Source Licenses

Display the open source licenses information.

### ■ Restoring Factory Default

Restore factory default and touch Yes to initial default settings.

## ■ User Interface Settings

### ■ Beep

Beep sound turns ON (Default)/OFF.

### ■ Background

Change background image.

### ■ Key Illumination Brightness

Change key brightness.

### ■ Gesture Control Instruction

The information of gesture control.

### ■ Driving Position

Select the driving position is right or left.

### ■ Widget Setup

Setup the widget.

The position of the clock on the Home screen will change from right to left or left to right.

## ■ Camera Settings

### ■ Guidelines

Adjust to turn on or off guidelines in Camera screen.

### ■ Caution Message

Adjust to turn on or off caution message in Camera screen.

## ■ Volume Settings

### ■ AV Source Volume

Adjust audio source volume. "0-40" (Default: 20)

### ■ Reception Volume

Adjust calling volume. "0-40" (Default: 23)

### ■ Incoming Ring Tone Volume

Adjust incoming ring tone volume. "0-40" (Default: 23)

### ■ Voice Guidance Volume

Adjust Apple CarPlay guidance and Android Auto voice recognition volume. (Default: 23)

### ■ Siri Volume

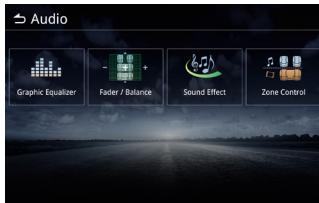
Adjust Apple CarPlay Siri volume. (Default: 23)

## Audio Settings

- 1 Press  button and Popup menu appears.
- 2 Touch [Audio].



- 3 Select one of the settings as follows.



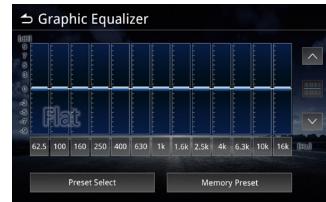
- **Graphic Equalizer.**
- **Fader / Balance.**
- **Sound Effect.**
- **Zone Control.**

### NOTE

- Due to the Enhanced Siri Function, the Audio Setting cannot be used during connecting to iPhone for CarPlay. If you want to use the Audio Setting, stop the car in a safe place and apply the parking brake and disconnect the iPhone.

## Graphic Equalizer Settings

- 1 Touch [Graphic Equalizer].



- 2 Touch one of the following items.

### ■ Preset Select

Touch **Preset Select**.

Select one of the items from follows.

**Vehicle / Flat / Pop / R&B / Jazz / Classical / Hard Rock / User**

### ■ Customized

Touch the frequency of each bar to adjust the gain level.

(-9~9). You also can touch  ,  to adjust gain level.

After adjust the frequency, touch **Memory Preset** to store as preset memory.

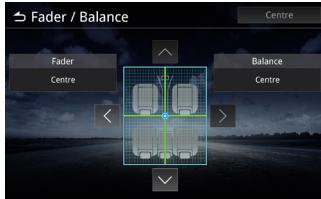
**Memory Preset** will be set to **User** in Preset Select.

## Fader / Balance Settings

Fader and Balance adjust the strength of the sound coming from each speaker. The Balance adjusts side-to-side (L-R) strength and the Fader adjusts the front-to-back strength.

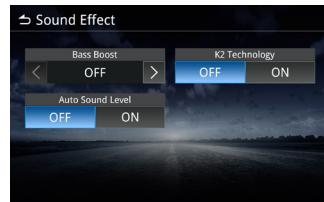
- Touch   to adjust the front and rear speaker balance.
- Touch   to adjust the left / right speaker balance.

You also can touch and drag the control point to the appropriate place.



## Sound Effect Settings

- 1 Touch [Sound Effect].



- 2 Adjust each selection as follows.

### ■ Bass Boost

Adjust the bass boost level. OFF, 1, 2, 3.

### ■ Auto Sound Level

The unit automatically adjusts EQ setting based on volume level or vehicle speed. OFF, ON.

### ■ K2 Technology

K2 is an information processing technology which enhances the sound quality. OFF, ON.

## Zone Control Settings



You can select different sources for front and rear positions in the vehicle.

### ■ Zone Select

Touch Single Zone to turn off Dual Zone function.

### ■ Front Source / Rear Source

You can select a source for each.

**Front Source** : Radio / USB / Bluetooth Audio / iPod /

Apple CarPlay / Android Auto / AV Off / MM-Link

**Rear Source** : Radio / USB / OFF

Front Source	Rear Source
Radio	USB / OFF
USB (Audio / Video)	Radio / OFF
Bluetooth Audio	Radio / USB / OFF
iPod	Radio / USB / OFF
Apple CarPlay / Android Auto	Radio / USB / OFF
AV Off	Radio / USB / OFF
MM-Link	Radio / USB / OFF

### ■ Rear Volume

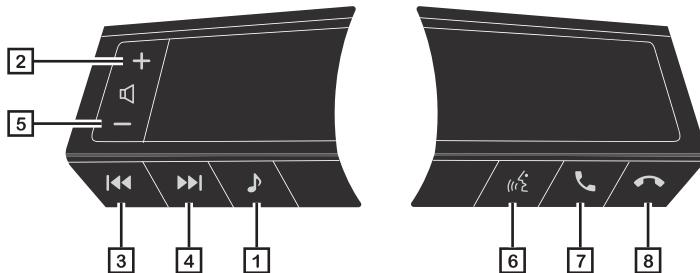
When the Zone Select is set as Dual Zone, the rear volume can be adjust separated from the front volume.

#### NOTE

- When you set Rear Source Off, the rear volume cannot be adjusted.
- When Single Zone is selected, others options will be disabled.
- The Front and rear source cannot be the same.
- When dual zone is selected, the Equalizer Control, Sound Effect, Fader and Balance will not be available.

# Steering Control Switch

This unit can be operated by using the buttons on the steering wheel.



Number	Short Press	Long Press (Hold)
1	Switch sources AV OFF > Apple CarPlay* / Android Auto* / MM-Link* > FM1 > FM2 > AM > Bluetooth Audio > iPod > USB > AV OFF  * Display will not change when switching sources while in Apple CarPlay, Android Auto and MM-Link.	Turns Mute On. (Mute off by Volume Up / Down)
2	Adjusts the volume up.	Volume up continuously. The volume will go up to 25. After that, you can go up to 40 with short press.
3	<b>Radio:</b> Select previous preset channel. <b>Apple CarPlay / Android Auto, USB, iPod, Bluetooth Audio:</b> Select Previous track.	<b>Radio:</b> Auto reverse Seek. <b>USB, iPod, Bluetooth Audio:</b> Fast Backward.
4	<b>Radio:</b> Select next preset channel. <b>Apple CarPlay / Android Auto, USB, iPod, Bluetooth Audio:</b> Select Next track.	<b>Radio:</b> Auto forward Seek. <b>USB, iPod, Bluetooth Audio:</b> Fast Forward.

Number	Short Press	Long Press (Hold)
[5]	Adjusts the volume down.  Behavior depends on the smartphone model.  <b>Apple CarPlay:</b> When no Siri activate: Start the Voice Recognition. When Siri is activating: Depends on iPhone.	Volume down continually.  Behavior depends on the smartphone model.
[6]	<b>Android Auto:</b> When no VR activate: Start the Voice recognition. When VR is activating: Cancel Voice recognition.  *No action when Apple Car Play / Android Auto is not connecting.	<b>Apple CarPlay:</b> When no Siri activate: No action. When Siri is activating: Depends on iPhone.  <b>Android Auto:</b> When no VR activate: No action. When VR is activating: Depends on Android Phone. Ex):Restart Voice recognition.  *No action when Apple Car Play / Android Auto is not connecting.
[7]	[When Not Talking]: Transition to Hands Free Screen. [When Talking]: N/A [Incoming call]: Receive an incoming call. [Dialing]: N/A	
[8]	[When Not Talking]: No action. [Talking]: End call. [Incoming call]: Refuse incoming call. [Dialing]: End Call.	

# Appendix

Video File Format	Profile	Max.Picture size	Max.bit rate	Audio Format
MPEG-1 (.mpeg)	-	352x240, 352x288	1.5 Mbps	MPEG Audio Layer 2
MPEG-2 (.mpeg)	MP@ML	720x480, 720x576	8 Mbps	MPEG Audio Layer 2
H.264/MPEG4-AVC (.mp4,.avi,.mkv)	Baseline Profile, Main Profile	1920x1080(30fps)	8 Mbps	MP3, AAC
MPEG-4 (.mp4,.avi,.mkv)	Advanced Simple Profile	1920x1080(30fps)	8 Mbps	MP3, AAC
WMV (.wmv,.mkv)	Main Profile	1920x1080(30fps)	8 Mbps	WMA

- Video files may not be played properly depending on the environment in which the file was created.
- Video files of high bit rate may stop playing partially, or the sound may be skipped or cut out.

Audio File Format	Audio Codec	Sample Rate (kHz)	BPS (kbps)	Bit	Note
MP3	MPEG PS	16 - 48	8 - 320	16-bit	
AAC	AAC-LC / HE-AAC	16 - 48	8 - 320	16-bit	adts / los / latm
		16 - 48	8 - 320	16-bit	adif / raw: no tricky play
WMA		16 - 48	8 - 320	16-bit	Not Support: 1. WMA v1 2. WMA lossless 3. WMA voice
WAV	LPCM IMA-ADPCM	16 - 192		16-bit, 24-bit	
FLAC	FLAC	16 - 192		16-bit, 24-bit	

## ■ Note for specifications

### Bluetooth section

#### Frequency

- 2.402 – 2.480 GHz

### General

#### Operating Voltage

- 12 V DC car battery

#### Speaker Impedance

- 4 Ω

## ■ Trademarks and licenses



android  
auto



 Bluetooth®

 K2  
TECHNOLOGY

Manufacturer Model Name

DMXMG101

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## ■ INDONESIA

### Service Center

Jika masalah masih timbul, silakan menghubungi pusat service kami:

#### **PT. Autoaccindo Jaya**

Jl. Cideng Barat No.7  
Jakarta 10140  
Indonesia.  
Telp : +62-21-633 2730  
Fax : +62-21-632 2886

Dibuat oleh:

#### **PT JVCKENWOOD ELECTRONICS INDONESIA**

Jl. Surya Lestari Kav. 1-16B  
Suryacipta City of Industry,  
Kel. Kutamekar, Kec. Ciampel  
Kab. Karawang 41363,  
Prop. Jawa Barat

Manufacturer Model Name

Nama Model Produsen

**DMXMG101**

Certificate of Registration

**NOMOR : PMKG.697.09.2024**

## ⚠ FCC CAUTION

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority 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.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

## ⚠ CAUTION

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) exposure Guidelines.

This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

### Supplier's Declaration of Conformity

Trade Name: KENWOOD  
Products: Digital Media Receiver  
Model Name: DMXMG101  
Responsible Party: JVCKENWOOD USA CORPORATION  
4001 Worsham Avenue, Long Beach, CA 90808,  
U.S.A.  
PHONE : 1-800-252-5722

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.

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1. Even if this agreement is invalidated in part by law, all other provisions shall remain in effect.
2. Licensor and User shall consult each other in good faith to resolve any matters not provided for in this agreement or questions arising from the interpretation of this agreement.
3. Licensor and User agree that this agreement is governed by the law of Japan and that all disputes involving claims and obligations that may arise out of this agreement will be settled by arbitration at the Tokyo District Court as the court of first instance.

## Troubleshooting

Check items in the following table first when you encounter problems. The most common problems are listed below. If the problem is not solved even after checking the applicable item, contact your dealer.

In case that a defect (such as blown fuse) occurs, be sure to contact your dealer for the repair service. If you try to change or fix the fuse, you may cause more damage.

Condition	Checking Items
When the display exhibits one of the following conditions: ➢ Totally dark and the light does not come on. ➢ The light is on but nothing is displayed. ➢ The unit does not go into Night mode even the lights are on.	Is the display powered "off"? ➢ Press the button, etc. Is the setting for the image quality correct? ➢ Verify the Display Adjustment settings. If this does not solve the problem, turn the unit off and then on again. If the problem continues, contact your dealer.
When the monitor has small spots or bright points.	This is not a failure of the unit. ➢ This is a specific phenomenon to liquid crystal displays. LCDs are built with highly accurate technologies and have 99.99% or higher effective pixels. However, sometimes pixels may fail at a rate of 0.01% or less, or some pixels may get "stuck" on a steady color.
When the image is not clear.	Are the display brightness adjusted correctly? ➢ Refer to adjust the brightness of the display.(see <b>P. 46</b> )
When the sound is coming out of only one of the speakers.	Is the sound volume adjusted properly? ➢ Adjust the volume on the Front/Rear and Right/Left speaker. (see <b>P. 49</b> )

Condition	Checking Items
No power to the unit.	<p>Fuse blown out.        ➤ Consult your dealer.</p>
Sound is not generated.	<p>Is it in the pause or the mute-ON state?        ➤ Disable the pause state or set to the mute-OFF state.</p>
Sound skipping or noise occurs.	<p>There is an electromagnetic-wave generator such as a cellular phone near the unit or its electrical lines.        ➤ Keep the electromagnetic-wave generator such as a cellular phone away from the unit and the wiring of the unit.        If noise cannot be eliminated due to the wiring harness of the car, consult your dealer.        Playing VBR(Variable Bit Rate) files may cause sound skipping.        ➤ Play Non-VBR files.</p>
Some operations are not executable.	<p>Some operations are not executable in particular modes.        ➤ Read the operating instructions carefully and cancel the mode. If the unit is still out of order, consult your dealer.</p>
Bluetooth device cannot be connected to the unit.	<p>Is the Bluetooth device able to be used with the unit?        ➤ Be sure to carefully read user's manual of the Bluetooth device to check that there are no potential problems. If the Bluetooth device is portable audio equipment, successful connection may be achieved by changing the connection method.</p>

Condition	Checking Items
USB cannot be detected. iPod is not being correctly operated.	<p>USB devices are recommended to use the memory capacity under 32 GB ; the memory devices with over 32GB capacity might not be able to be read;</p> <ul style="list-style-type: none"> <li>➢ USB support format FAT16 and FAT32. If happened USB cannot read, it might be the wrong format to cause this issue; please format your device again and chose the right format.</li> </ul> <p>Remove iPod from the unit and reconnect the iPod after resetting the iPod.</p> <p>For the iPod resetting method, refer to the iPod user's manual.</p>
Rear camera difficult to see the image.	<p>The vehicle may be in a dark area. Please put your car away from the uneven light or from direct sunlight.</p> <p>There are water droplets or external factor (mud etc.)on the camera. Please clean softly the camera with water and soft cloth.</p>
The image of rear camera is blurry.	<p>The dirt or external factors (like water droplets, snow, and mud etc.) attached to the camera.</p> <p>Please clean softly the camera with water and soft cloth.</p>
The image of rear camera is out of alignment.	<p>Please have your dealer to check the vehicle.</p>
The guide lines are out of alignment.	<p>The camera position may out of alignment.</p> <p>Please have your dealer to check the vehicle.</p>

Condition	Checking Items
MM-Link does not sound.	<ul style="list-style-type: none"><li>➢ Verify that the MM-Link installed device is selected in Bluetooth connection setup.</li><li>➢ Raise the volume on your smartphone.</li><li>➢ Try another music application. Some application does not support MM-Link playback. (Apple Music App does not support playback during MM-Link.)</li></ul>
Cannot operate MM-Link with touch panel operation.	<ul style="list-style-type: none"><li>➢ Available operation functions may differ from the ones operated on the device. Some functions do not work by operation on this unit depending on the connected device.</li></ul>
When connecting to your iPhone and the screen appears the following screen. 	Please turn off the iPhone's microphone and restart the broadcast, then reconnect the USB.

