

Switching the Displayed Items on the Display

Press the [TEXT] button to switch among the displayed items on the display.

Main Display (Title Name) → Artist Name → Album Name → Main Display...



NOTE

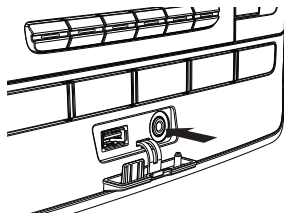
- The text character can display Thai characters.

If “ERROR” Appears in the Display

If a problem occurs when connecting the audio device, an “ERROR” (message) appears on the display.

Message	Description
NO CONNECTION	An audio device is not connected. Register an audio device and connect it.

AUX Operations

**Connecting Your Portable Audio Device to Play Music**

Open the cover and connect your portable audio device to mini jack.

**CAUTION**

- Either place the portable audio device and mini plug cable somewhere where they will not interfere with driving or temporarily secure them at a location where they are not in the way. They could impede driving and cause a traffic accident.

**ADVICE**

- Take care that the terminals of the mini plug cable do not catch your hands.
- Do not connect, operate or remove the portable audio device while driving.

**NOTE**

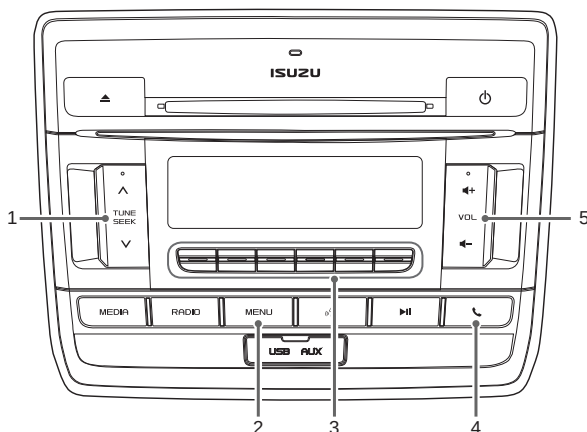
- To power the portable audio device, use the battery or other power source supplied with the device.
- AUX device cannot be controlled from audio player.

**Switching from Other Audio Mode to the AUX Mode**

When your portable audio device is connected to play music, pressing the **[MEDIA]** button allows you to hear the played sound from the device.

Hands-Free Operations

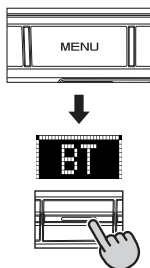
This system allows calls to be made and received using a Bluetooth-compatible mobile telephone.



No.	Name
1	SEEK UP/DOWN button
2	MENU button
3	Function buttons

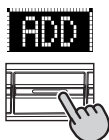
No.	Name
4	TELEPHONE button
5	VOLUME UP/DOWN button

Operating the Hands-Free System



Registering a Bluetooth-Compatible Mobile Telephone

1. Press the **[MENU]** button for 1 second or more to switch to the "Menu Adjustment".
2. Press the **[BT]** button to change to Bluetooth selection mode. In Bluetooth selection mode, you can register a mobile telephone, check a paired device, Delete device, Edit Passkey and Reset Bluetooth.



- Press the **[ADD]** button to switch to "Pairing Mode". For details on "Pairing Mode", refer to "Pairing Mode Operations" on page 1-38.

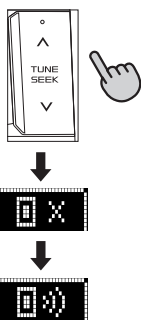
- Operate the mobile telephone and register the device name and pass key that are shown on the display. When a Bluetooth connection (pairing) is completed, "PAIRING DONE" appears on the display and the mode changes to Bluetooth Selection.

**CAUTION**

- Do not register a mobile telephone while driving. Stop the car in a safe location before registering a mobile telephone.

**NOTE**

- Up to 5 Bluetooth devices can be registered in this unit. The order of connection precedence is always 1 to 5. When a device is added or deleted, the order of connection precedence is updated.
- If the Bluetooth connection (pairing) fails, "PAIRING FAIL" appears on the display and the mode changes to Bluetooth selection mode. Perform the registration process again.
- You can stop the operation by pressing the **[BACK]** button or **[MENU]** button.

**Connect and Disconnect from Paired Device**

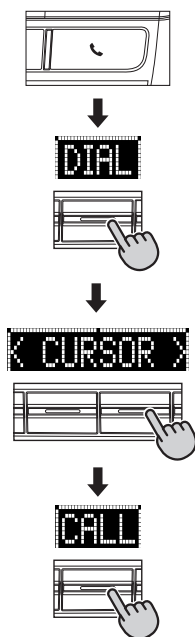
- In Bluetooth Selection mode, Press **[PAIR]** button.
- Press **[SEEK]** button **[^ / v]** to select the device .
- Press **[{disconnect}]** button to disconnect current connection device or press **[{connect}]** button to connect the selected device.

Connecting to the Mobile Telephone

When the starter switch is in the "ON" or "ACC" position, the registered mobile telephone will be connected automatically. Use the device under these conditions.

**NOTE**

- When a mobile telephone is connected, the Bluetooth connection indicator displayed.
- The main device does not support the call waiting function.



Making a Call (Dialling)

1. Press the "☎" button to change to phone mode
2. On the phone mode, press the **[DIAL]** button.
3. Press the **[SEEK]** button **[^ / v]** and select the digit in the cursor position.
(Space) → 0 ↔ 1 ↔ ... ↔ 9 ↔ * ↔ # ↔ + ↔
→ 0 ↔ ...
4. Press **[CURSOR]** button ("< >") to move the cursor to next or previous digit.
5. Repeat steps 3 and 4 above and enter the telephone number. Press the **[DEL]** button to delete the entered telephone number.
6. Press the **[CALL]** button to call the entered telephone number.



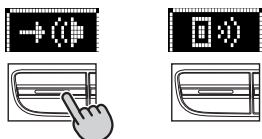
CAUTION

- Do not enter a telephone number while driving. Stop the vehicle in a safe location before entering the telephone number.



NOTE

- Press **[BACK]** button to cancel dial operation and back to phone menu.



Switch between private mode and hands-free mode

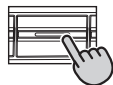
The private mode and hands-free mode can be switch when **[PRIVATE]** or **[HANDSFREE]** button is pressed.

Talktime will not be displayed during private mode.



NOTE

- The private mode is defined as the mode where conversation is conducted with the mobile phone in a usual manner without the hands-free function

A rectangular button with the word "END" in a pixelated font.

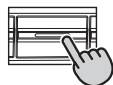
Ending a Call

During a call, press the **[END]** button to end the call.



NOTE

- The call can also be ended by pressing the **[END]** button on your phone.

A rectangular button with the word "CALL" in a pixelated font.

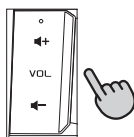
Answering a Call

When a call is received, press the **[CALL]** button to answer the call.



NOTE

- You can also answer the call by pressing the **[ANSWER]** call on your phone.
- When a call is received, you can reject the call by pressing the **[END]** button.



Adjusting the Ringtone Volume

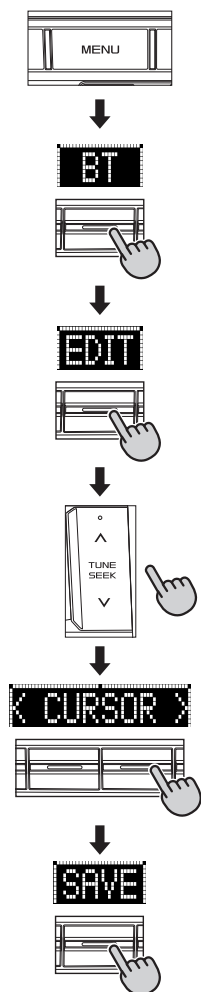
While a call is being received, press the **[VOLUME]** button **[+ / -]** to adjust the ringtone volume.

Press the **[VOLUME]** button **[-]** to lower the volume and button **[+]** to raise the volume.

Adjusting the Call Volume

Press the **[VOLUME]** button **[+ / -]** when making or during a call to adjust the call volume.

Press the **[VOLUME]** button **[-]** to lower the volume and button **[+]** to raise the volume.



Changing the Pass Key

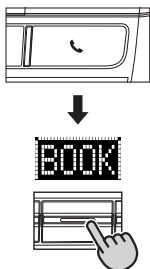
1. Press the **[MENU]** button for less than 2 seconds when selecting Bluetooth audio mode.
2. Press the **[BT]** button to switch to Bluetooth selection mode.
3. To change the displayed pass key, press the **[EDIT]** button.
4. Press the **[SEEK]** button **[^ / v]** and select the digit in the cursor position.
(Space) → 0 ↔ 1 ↔ ... ↔ 9 ↔ 0 ↔ ...
5. Press the **[CURSOR]** button ("**< >**") to move the cursor left and right.
6. Repeat steps 5 and 6 above and enter the pass key.
7. Press the **[SAVE]** button to save the entered pass key.



NOTE

- To return to the "Bluetooth Menu", press the **[BACK]** button.

Phonebook

**Transferring the Phonebook**

1. Press the **[PHONE]** button to change to phone mode.
2. Press the **[BOOK]** button to change to the phonebook menu and phonebook contacts automatically load from mobile phone. "LOADING" will be display.
3. Operate the mobile telephone and select the phonebook to transfer.

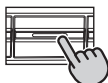
When phonebook transfer is completed, Contact information will be appear on display. If there is no contact, Display will show "EMPTY".

**CAUTION**

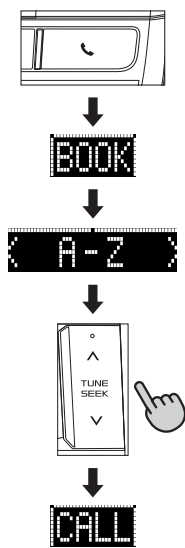
- Do not transfer a phonebook while driving. Stop the vehicle in a safe location before transferring a phonebook.

**NOTE**

- Depending on the mobile telephone, the phonebook may not be transferred automatically. If not transferred, operate your mobile telephone to transfer the phonebook. For details of the Bluetooth functions on the mobile telephone, refer to the owner's manual of your mobile telephone.
- If phonebook transfer fails, "LOADING FAIL" appears on the display and the display changes to the phonebook menu. Perform the transfer operation again.
- You can cancel the operation by pressing the **[BACK]** button.
- There are maximum 3 numbers can be stored in 1 contact ; Home, Mobile and Other (Work, Cell, Others)
- The phonebook can display Thai characters.
- Some mobile telephones may not be able to transfer the phonebook data. In addition, some mobile telephones cannot transfer the phonebook data when the hands-free mode is set or it is also registered in the Bluetooth mode. In those cases, disable these functions from mobile telephone before performing transfer.

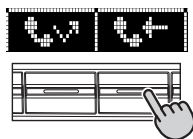
TEXT**Trigger Contact Info**

System will shown the contact name by default, change the info to contact number by pressing the **[TEXT]** button.



Making a Call from the Phonebook

1. Press the **[PHONE]** button to change to phone mode.
2. On the phone menu mode, press the **[BOOK]** button.
3. Jump to previous/next contacts with the same initial letter (A to Z) by pressing **[< A – Z >]** button.
4. Switch between contact by pressing **[SEEK]** button **[^ / v]**
5. Press the **[CALL]** button to call the selected phonebook telephone number.



Making call from Call history (Missed Call/Received Call)

1. On the phone menu mode, press the **[M.CALL]** or **[R.CALL]** button.
2. Press the **[CALL]** button to call the selected telephone number.

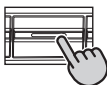
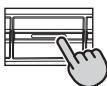
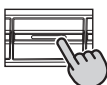


CAUTION

- Press the **[BACK]** button to return to the "Telephone Menu".

Deleting the Registered Mobile Telephone

The following operations are available as well as a Bluetooth connection (pairing) and device registration.



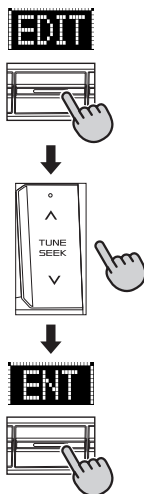
Deletion by selecting from the registered multiple devices:

1. Press the **[MENU]** button for 1 second or more to switch to the "Menu Adjustment".
2. Press the **[BT]** button to change to Bluetooth selection mode.
3. Press the **[DEL]** button to switch to delete device screen.
4. Press the **[SEEK]** button **[^ / v]** to select the device to be deleted. Last option is "DELETE ALL".
5. To delete the currently displayed mobile telephone, press the **[ENT]** button. Confirmation screen with Device name will be appear on the display.
6. Press the **[YES]** button to confirm to delete the selected device and press **[NO]** button to back to previous display.



NOTE

- To return to the "Bluetooth Menu", press the **[NO]** button or **[BACK]** button.



Changing the Pass Key

Deletion by selecting from the registered multiple devices:

1. Press the **[MENU]** button for 1 second or more to switch to the "Menu Adjustment".
2. Press the **[BT]** button to change to Bluetooth selection mode.
3. To change the displayed pass key, press the **[EDIT]** button.
4. Press **[SEEK]** button **[^ / v]** and select the digit in the cursor position.
(Space) → 0 ↔ 1 ↔ ... ↔ 9 ↔ 0 ↔ ...
5. Press the **[CURSOR]** button **{< >}** to change the cursor position in the pass key.
6. Repeat steps 4 and 5 above and enter the pass key.
7. Press the **[ENT]** button to save the entered pass key.

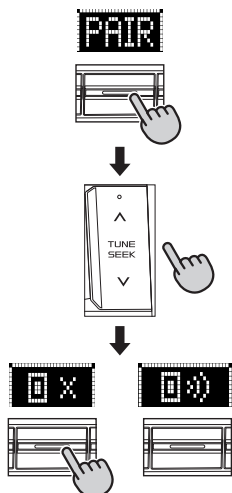


CAUTION

- To return to the "Bluetooth Menu", press the **[BACK]** button.

Pairing Menu Operations

The following operations are available as well as a Bluetooth connection (pairing) and device registration.



Connection by selecting from the registered multiple devices:

1. Press **[PAIR]** button in Bluetooth selection mode.
2. Press **[SEEK]** button **[^ / v]** to select the device to be connected.
3. Press **[CONNECT]**. When a Bluetooth connection (pairing) is completed, "CONNECTED" appears on the display.

Disconnecting the currently connected device:

1. Press **[DISCONNECT]** button in the paired device mode to disconnect the current connected device.



NOTE

- To return to the "Bluetooth Menu", press the **[BACK]** button.



Siri and Voicedial Operations

Press **[Siri]** button to activate Siri or Voicedial function, system will switch to Listening mode.



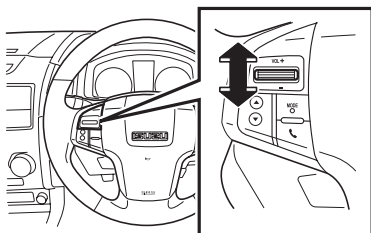
NOTE

- An icon car appears on black screen at phone once Siri activated.
- During Voice recognition, all the audio will be paused or muted.
- All Android devices and older apple devices do not support Siri feature and normal voice dial will appear.
- Signal strength may affect the performance of Siri eyes free, meaning that it is unlikely to work properly if the signal strength is poor.

Steering Wheel Switches

The steering wheel switches can be used to perform the primary audio operations and hands-free operations. There are a number of different designs depending on the model of your vehicle.

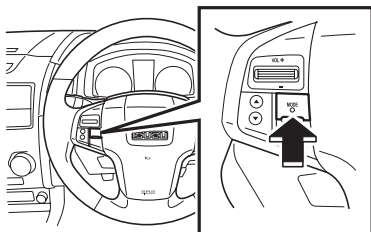
Steering Wheel Switch Operations



Volume Button

In audio mode, this button adjusts the audio volume. Press and hold to change the volume continuously.

In phone mode, pressing the button while a call is being received adjusts the ringtone volume. Pressing the button while making or during a call adjusts the call volume.



MODE Button

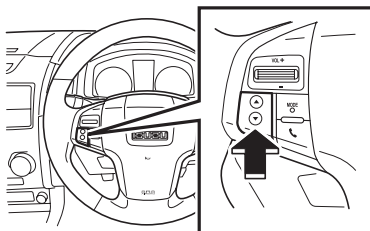
Press this button to change the audio mode in the sequence shown below:

FM1 → FM2 → FM3 → AM → DISC → USB/iPod →
BLUETOOTH AUDIO → AUX → FM1 → ...



NOTE

- You cannot change to an audio mode which is unavailable.



SEEK Buttons

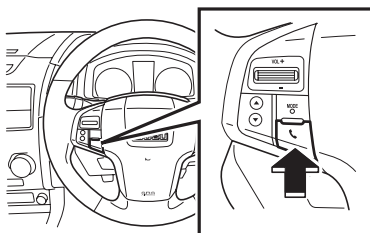
In radio mode, seek up or seek down starts.

In disc mode, pressing the buttons for less than 1 second selects the previous or next track.

Pressing the buttons for 1 second or longer begins rewind or fast-forward.

In disc (MP3/WMA) or USB mode, pressing the buttons for less than 1 second selects

the previous or next music file. Pressing the buttons for 1 second or longer begins rewind or fast-forward.



Phone Button

Press this button to change to phone mode.

In phone mode, pressing this button makes (or ends) a call.



NOTE

- The phone button is available only when the connection with a Bluetooth mobile telephone is established.

Using the Audio System

Radio

Usually, a problem with radio reception does not mean there is a problem with your radio - it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or telephone wires can interfere with AM signals.

And of course, radio signals have a limited range. The farther you are from a station, the weaker its signal will be. In addition, reception conditions change constantly as your vehicle moves.

Here are some common reception problems that probably do not indicate a problem with your radio.

FM Transmissions

Fading and drifting stations - Generally, the effective range of FM is about 40 km (25 miles). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi-path - FM signals are reflective, making it possible for two signals to reach your antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering - These occur when signals are blocked by buildings, trees, or other large objects. Increasing the bass level may reduce static and fluttering.

Station swapping - If the FM signal you are listening to is interrupted or weakened, and there is another strong station nearby on the FM band, your radio may tune in the second station until the original signal can be picked up again.

AM Transmissions

Fading - AM broadcasts are reflected by the upper atmosphere - especially at night.

These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference - When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

Static - AM is easily affected by external sources of electrical noise, such as high tension power lines, lightning, or electrical motors.

This results in static.

Disc

When it is cold or when it is raining, the car windows will fog up and cause dew (water drops) to form in the vehicle compartment (condensation). When this happens, the sound will jump, and playback will stop. Ventilate the vehicle compartment and dehumidify before resuming use.

Sounds may jump due to violent vibrations when the car is traveling across harsh roads.

**ADVICE**

- Never insert foreign objects into the disc insertion slot.
- Do not insert a wet disc into the player.
- This player uses an invisible laser beam which could cause hazardous radiation exposure if directed outside the player. Be sure to operate the player correctly.

Usable Discs

Music CDs with the following marks can be used. CD-R and CD-RW discs recorded according to the CD-DA format can also be played.



CD-R (CD-Recordable), CD-RW (CD-ReWritable) may not be able to playback due to the recording condition, characteristics of the disc, damage, dirt or deterioration due to long exposure to the environment of the vehicle compartment.

CD-R, CD-RW that are not finalized and CD-R and CD-RW that are saved in the UDF format cannot be played (excluding MP3/WMA).

CD-TEXT function is only compatible with commercial CD compatible with CD-TEXT.

Characters may not display accurately in CD-R and CD-RW.

CD, C-thru Disc with transparent or translucent recorded parts may not be inserted and ejected accurately. Please do not use them.

SACD (Super Audio CD) can only be played in the CD level of a hybrid disc.

CCCD (Copy Control CD) may not play as it does not meet the standard CD requirements.

CD-EXTRA can be played as a music CD.

The sound of a data track of a Mixed Mode CD cannot be played. Only music tracks can be played. A Mixed Mode CD mixed with DTS can also not be played accurately.

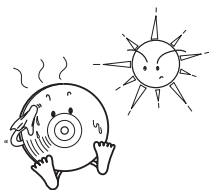


When Removing a Disc

Remove the disc horizontally from the main device. Do not pull it violently towards the top.

Also do not pull it down hard while removing.

The disc may become damaged and the sound may jump.



Handling a Disc

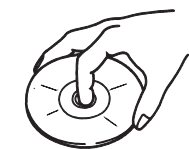
Avoid exposing the disc to direct sunlight and always keep it in a case. Otherwise, the disc will bend and become unusable.



Do not stick any paper tape to the recording side or the label side as it may lead the disc to malfunction.



Do not use a disc with cracks or if it is severely bent as it may lead to damage.

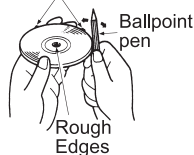


Hold the disc without touching the recording side as this may make the disc dirty and lead to sound jumping.



Using a dirty disc will damage the disc and lead to sound jumping. When the disc is dirty, use a commercial disc cleaner to gently clean it from the inside to the outside.

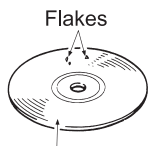
Rough Edges



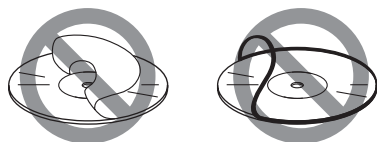
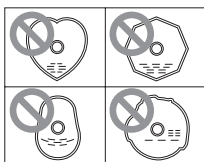
New Disc

Some new discs may have burrs found in the center hole or at the edges. Remove these burrs with a ballpoint pen, etc. before using the disc.

If they are not removed, the disc may not be read accurately and cause improper operation.



Recorded surface

**Rental Discs**

Do not use any disc that has cellophane tape or any rental disc that has glue from the label exposed or if some of the removed label is still attached to it. Using the disc like this may cause the disc to not eject properly and damage the disc.

Discs with Special Shapes

Heart-shaped or octagon-shaped discs cannot be played. Do not use them as they may cause damage.

Disc Accessories

Do not use commercially available accessories (such as stabilizers, protective seals, etc.) that are said to improve sound quality or protect the discs, and CD labels, etc. They may change the thickness of the disc and external specifications and lead to damage.

Do not use commercially available accessories (such as CD rings, protectors) that are said to improve sound quality or are effective against vibrations. They may come off inside the device, causing the disc to become unplayable or unretrievable and lead to malfunction.

MP3/WMA Files

MP3 (MPEG Audio LAYER 3) is a standard format for sound compression technology.

MP3 can compress a file to one-tenth of its original size.

WMA (Windows Media™ Audio) is a Microsoft sound compression format. It can compress sounds to a smaller size than the MP3.

MP3/WMA/AAC files recorded in the CD-ROM, CD-R, and CD-RW can be played.

Discs formatted in the ISO9660 level 1 and 2, Romeo and Joliet file system can be used.

Files with extensions compatible to MP3, WMA and AAC can be played (.mp3, .wma, .m4a).

CD-R and CD-RW compatible to multisessions and also have MP3/WMA/AAC files can be played.

Compatible with ID3 tag ver.1.0, ver.1.1, ver.2.2 and ver.2.3.

Compatible to WMA/AAC tag.

The sampling frequency corresponds as follows.

MP3 file:

- MPEG1 LAYER3 - 32/44.1/48 (kHz)
- MPEG2 LAYER3 - 16/22.05/24 (kHz)
- MPEG2.5 LAYER3 - 8/12 (kHz)

WMA file : 8, 16, 22.05, 32, 44.1 (kHz)

AAC file : 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 (kHz)

Bit Rate Playable

MP3 file:

- MPEG1 LAYER3 - 32/40/48/56/64/80/96/112/128/160/192/224/256/320 (kbps)
- MPEG2/2.5 LAYER3 - 16/24/32/40/48/56/64/80/96/112/128/144/160 (kbps)

WMA file:

- Ver.7,8,9 - 48/64/80/96/128/160/192 (kbps)

AAC file:

- MPEG4 AAC (Compliant with ISO/IEC 14496-12:2003 + iTunes Meta-data Specification) - up to 320

WMA files are only compatible with 2ch playback.

MP3 files are compatible to the respective modes of stereo, joint stereo, dual channel, monaural.

MP3 files are compatible to VBR (variable bit rate).

Not compatible to M3u playlists.

When the FAST UP/DOWN functions on the MP3 file recorded on the VBR are operated, the playback time may not synchronize.

MP3/WMA/AAC files are compatible with up to 8 levels of folders. However, when there are many levels, it may take some time before the first file is played. Therefore, a two-level folder is recommended.

Maximum characters for a folder/file name: 54 Bytes

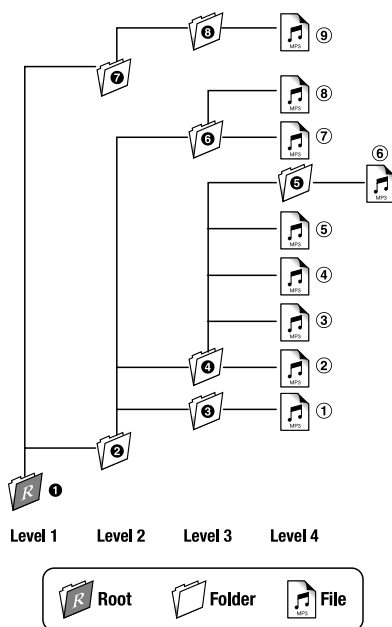
Maximum 28 Thai characters can be used, however, the number may be smaller than

28 characters depending on the characters to be used.

Characters that can be used for a folder/file name:

A-Z (capital and small letters), 0-9 (numbers), _ (underscore), symbols (* and &, etc.), Thai characters

A maximum of 256 folders and 255 files can be played in 1 disc.



USB Devices

USB Memory Standards

Supported file formats:

FAT 16/32

- Supported audio formats: MP3/WMA/AAC
- Maximum current: 1 A
- Compatibility: USB1.1/2.0 (maximum transfer speed is same as USB 1.1)
- Mass memory support: Supports USB mass storage class.
- Does not support USB hubs or multi card readers.

Supported MP3/WMA File Standards

Discs formatted in the FAT 12/16/32 file system can be used.

Files with extensions compatible to MP3, WMA and AAC can be played (.mp3, .wma, .m4a).

Compatible with ID3 tag ver.1.0, ver.1.1, ver.2.2 and ver.2.3.

Compatible to WMA/AAC tag.

The sampling frequency corresponds as follows.

MP3 file:

- MPEG1 LAYER3 - 32/44.1/48 (kHz)
- MPEG2 LAYER3 - 16/22.05/24 (kHz)
- MPEG2.5 LAYER3 - 8/11.025/12 (kHz)

WMA file: 8, 16, 22.05, 32, 44.1 (kHz)

AAC file: 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 (kHz)

MP3 file:

- MPEG1 LAYER3 - 32/40/48/56/64/80/96/112/128/160/192/224/256/320 (kbps)
- MPEG2/2.5 LAYER3 - 8/16//24/32/40/48/56/64/80/96/112/128/160 (kbps)

WMA file:

- Ver.7,8,9 - 48/64/80/96/128/160/192 (kbps)

AAC file:

- MPEG4 AAC (Compliant with ISO/IEC 14496-12:2003 + iTunes Meta-data Specification)
- up to 320

WMA files are only compatible with 2ch playback.

MP3 files are compatible to the respective modes of stereo, joint stereo, dual channel, monaural.

MP3 files are compatible to VBR (variable bit rate).

Not compatible to M3u playlists.

When the FAST UP/DOWN functions on the MP3 file recorded on the VBR are operated, the playback time may not synchronize.

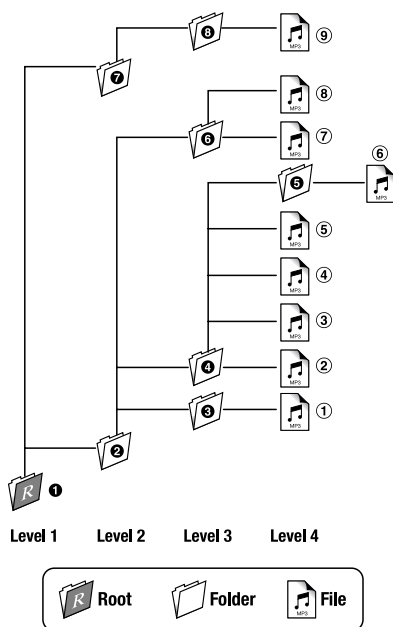
MP3/WMA/AAC files are compatible with up to 8 levels of folders. However, when there are many levels, it may take some time before the first file is played. Therefore, a two-level folder is recommended.

Maximum characters for a folder/file name: 56 Bytes

Maximum 28 Thai characters can be used, however, the number may be smaller than 28 characters depending on the characters to be used.

A-Z (capital and small letters), 0-9 (numbers), _ (underscore), symbols (* and &, etc.), Thai characters

A maximum of 512 folders and 10000 files can be played in a single memory device.



iPod

iPod and iTunes may be used with materials without copyright, or materials for which copying or playback are legally allowed for the purposes of private copying or playback. The infringement of copyright is prohibited by law.

“Made for iPod” and “Made for iPhone” mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, 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.

Made for



iPhone | iPod

iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Bluetooth

Bluetooth® is a wireless data technology which allows communication to take place between different telephone devices connected wirelessly.

Hands-Free

By connecting a Bluetooth mobile telephone* (henceforth mobile telephones) that is operationally confirmed to the main device, users need not directly operate the mobile telephone to make or receive a phone call. This is called a hands-free function. The mobile telephone connected to the main device must be one that meets the following specifications. However, take note that some functions may be restricted depending on the type of mobile telephones.

* Includes mobile telephones equipped with Bluetooth adapters.

- Compatible Bluetooth specifications
Bluetooth Specification (Ver.2.1 + EDR)
- Compatibility Profile
HFP(Hands Free Profile) Ver.1.5
PBAP (Phone Book Access Profile) Ver.1.0
OPP(Object Push Profile) Ver.1.1
AVRCP (Audio/Video Remote Control Profile) Ver.1.3
A2DP (Advanced Audio Distribution Profile) Ver.1.2



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Fujitsu Ten Limited is under license. Other trademarks and trade names are those of their respective owners.

This telecommunication equipment conforms to the requirements of the National Telecommunications Commission.

Bluetooth Mobile Telephones

Bluetooth mobile telephones are mobile telephones that transmit with other devices wirelessly (Bluetooth). With existing phones, a separate hands-free kit is required in order to use the hands-free function. Bluetooth mobile telephones, on the other hand, do not require the phones to be connected anywhere for the hands-free function. For example, you can use the hands-free function even when you have put the mobile telephone in your chest pocket.

MIC

Use the sound input MIC when making a call.

Hands-Free Operations

Operating the switches of the main device allows the users to use the various handsfree functions. Cars equipped with steering switch can operate the switch in the steering area to adjust the volume.

When Selling the Car

A lot of personal information is registered on the hands-free set. When selling the car, delete all the personal data.

Notes on Using Bluetooth Devices

The frequency band of this device is shared by industrial, scientific and medical devices such as the microwave, wireless stations used in factory production lines to track mobile objects (wireless stations requiring a license), and special micropower wireless stations (wireless stations that don't require a license) as well as amateur wireless stations (wireless stations requiring a license) (the above-mentioned wireless stations are henceforth referred to as other wireless stations). Before using this device, please confirm that no other wireless stations are being used in the vicinity. In the case when this device harmfully obstructs the frequency of other wireless stations, change the location immediately to avoid further frequency interruptions. The frequency band used is 2.4GHz and it uses the FH-SS modulation. The assumed interruption distance is below 10m. This device uses all band ranges and can avoid band range of mobile object tracking devices.

Hands-free cannot be used in the following situations.

- Outside the calling zone
- When lines are busy and outgoing calls are restricted

Hands-free cannot be used in the following situations too when it is used with the mobile telephone.

- When transferring from the mobile telephone to the phonebook
- When the mobile telephone is dial locked
- When the mobile telephone is damaged
- When the mobile telephone is not connected to the main device
- When the remaining battery of the mobile telephone is weak
- When the power of the mobile telephone is turned off
- When the mobile telephone is not set to hands-free mode
- When the phonebook transfer is switched to hands-free calling in the car device (during the switch, Bluetooth connection status is not displayed in the main device)
- In other cases when the mobile telephone cannot be used

When using the Bluetooth mobile telephone with other wireless devices, transmission of the respective device may be adversely affected.

Bluetooth mobile telephones consume more batteries when they are Bluetooth connected.

Depending on the type of mobile telephone, the display light may light up at all times when the starter switch is turned on. Turn off the light with the mobile telephone (For settings, please refer to the instruction manual of the mobile telephone).

Depending on the mobile telephone setting, dial lock may be triggered after connection. Cancel the auto lock function of the mobile telephone before use.

Depending on the type of mobile telephone connected, the operations and volume may differ.

During a call, when the starter switch is turned off ("LOCK"), transmission may be cut off depending on the phone type and continued on the mobile telephone. When the call continues on the mobile telephone, mobile telephone operations are required.

When using hands-free with the mobile telephone, if you have call waiting (catch-phone) or threeparty calls service, cancel the services on the mobile telephone first before use.

During a call, take turns to speak. Talking at the same time will make it difficult for both sides to hear what the other side is saying (this is not a malfunction).

Set the speaker volume as soft as possible.

Sometimes the other party may hear echoes.

Speak in a loud clear voice.

The other party may have difficulty hearing you in the following situations.

- When the road conditions are rough
- During high-speed driving
- When the window is opened
- When the microphone is pointed at the mouth of the air conditioner
- When the air conditioner fan is too loud
- When the microphone is too close to the mobile telephone

Depending on the type of mobile telephone and the network, the sound quality may deteriorate (noise, echo, etc.).

1-54 **Warning Statement**

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device 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.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.