HOW TO USE THIS MANUAL

HOW TO USE THIS MANUAL	0-1
HOW TO FIND A SPECIFIC TOPIC	0-2
CHAPTER DESCRIPTION	0-3

Symbols Used in This Manual



WARNING

Failure to follow these instructions identified by this symbol could result in a fire inside your vehicle in addition to death or serious injury to you and/or other people.



CAUTION

Failure to follow these instructions identified by this symbol could result in injuries or an accident



ADVICE

Failure to follow these instructions identified by this symbol could cause malfunction or damage to your vehicle.

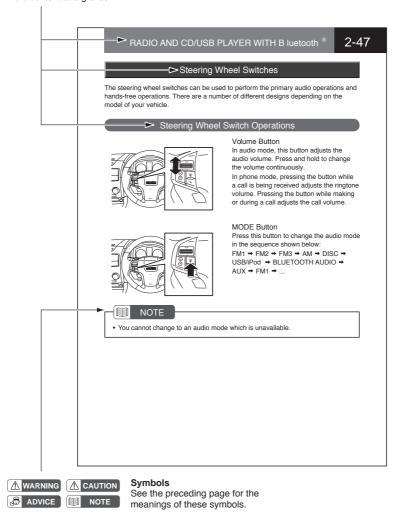


NOTE

This symbol identifies information that you need to know.

Chapter/section titles

These titles are useful for getting the gist of the content at a glance.



All values in this manual are indicated primarily according to the International System of Units (or in SI units) with the conventional metric values and American units indicated in parentheses.

Note: This page is shown only as an example. It is not intended to give you information on your particular audio.

HOW TO FIND A SPECIFIC TOPIC



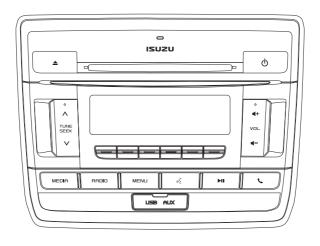
Use chapter/section titles as keys

→ Page 0-3

Search for the page describing the specific topic by using the general table of contents under CHAPTER DESCRIPTION, the CHAPTER INDEX, and/or the TABLE OF CONTENTS on the first page of each chapter.

CHAPTER DESCRIPTION

Precautions	1-1
Control Panel	1-2
Hands-Free Operations	1-28
Steering Wheel Switches	1-39
Using the Audio System	1-41



Precautions



CAUTION

- Operate the player only while the vehicle is stationary. Operating them while the vehicle is moving could cause an accident.
- Adjust the volume so that sound outside of the vehicle can be heard. If outside sound cannot be heard, accidents may be harder to avoid.
- Do not install a radio equipment antenna near the vehicle's radio antenna.
 This could cause unwanted noise on the radio or while playing a CD.

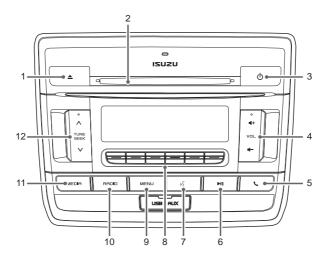


ADVICE

Do not install a radio equipment antenna near the vehicle's radio antenna.
 This could cause unwanted noise on the radio or while playing a CD.

Control Panel

The CD/USB player can be used when the starter switch is in the "ACC" or "ON" position.



No.	Name	
1	Eject Button	
2	CD Slot	
3	Power Switch button	
4	Volume Up / Down button	
5	Telephone mode button	
6	Play / Pause button	

No.	Name	
7	Siri / Voicedial button	
8	Preset / Function buttons	
9	MENU button	
10	RADIO button	
11	MEDIA button	
12	TUNE / SEEK button	





Turning the Power On

Press the [6] switch to turn the power on. Press it again to turn the power off.

Volume Adjustment

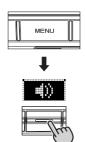
Press the [Volume] button to adjust the volume.

Press $[\blacktriangleleft+]$ to increase the volume, and press $[\blacktriangleleft-]$ to decrease the volume.



ADVICE

Turning the power on or off with the volume set to maximum will damage the
equipment and your hearing. Set the volume to a moderate level.



Audio Control Mode

- Press the [MENU] button for 1 second or more to switch to the "Menu Adjustment".
- 2. Press the button to change to Audio selection mode.
- Press the [FUNCTION] button to select the desired mode then adjust the selected audio mode by pressing the [TUNE] button [\(\Lambda \) \(\nabla \)] to increase or decrease the values.

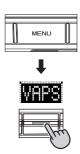
For adjustment please refer to the following table

	TUNE A	TUNE 🗸
BASS Increase bass response.		Decrease bass response.
MID Increase mid response.		Decrease mid response.
TREB (TREBLE) Increase treble response.		Decrease treble response.
BAL (BALANCE) Increase sound from the right speakers.		Increase sound from the left speakers.
FAD (FADER)	Increase sound from the front speakers.	Increase sound from the rear speakers.



NOTE

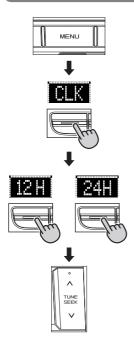
 BALANCE and FADER will temporary disabled during VAPS ON (DRIVER/ PASSENGER).



Audio Control Mode

- In the Menu Adjustment mode, press the [VAPS] button to change to VAPS selection mode.
- 2. Pressing the **[TUNE]** button **[**∧ / **√**] will switch the display as shown below:
 - "VAPS OFF" → "DRIVER" → "PASSENGER" → VAPS OFF → ...

Setting the Time



Setting the Time

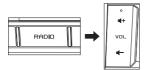
- Press the [MENU] button for 1 second or more to switch to the "Menu Adjustment".
- Press the [CLK] button to switch to the clock adjustment mode
- Trigger [12H] / [24H] button to activate 12hour format and 24hour format.
- Press [12H] during 24Hour format to set the system to display clock in 12 hour format.
- 5. Press [24H] during 12Hour format to set the system to display clock in 24 hour format.
- Press the [H] button or the [M] button to select the hour adjustment mode or the minute adjustment mode.
- Press [TUNE] button [∧ / ∨] to select the correct time.

	TUNE A	TUNE V
Hour adjust 12Hour (H):1-12 24Hour (H): 1-23	The time (hours) on the display will advance by one hour.	The time (hours) on the display will reverse by one hour.
Minute adjust (M):00-59 The time (minutes) on the display will advance by one minute		The time (minutes) on the display will reverse by one minute



- During 12hour format, AM/PM will be automatically toggled for each cycle.
- Clock will automatically save when exit from Clock adjustment mode.
- When the power source is interrupted by battery disconnection, the time of the clock will be reset.

Tuner Mode Operations



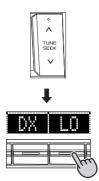
Tuning

- When the power is ON, press the [RADIO] button to select a radio band. Each time you press the button, it allows you to switch radio bands.
- Press the [VOL ◀+] button to manually tune up and press the [VOL ◀-] button to manually tune down. FM radio frequency will count in 0.05 MHz increments up or down. AM radio frequency will count in 9 kHz increments up or down.



NOTE

 The radio will change automatically to stereo reception when a clear FM stereo broadcast is being received.



Manual Tuning

Press the **[TUNE]** button $[\land \land \lor]$ to select a radio station manually (1 step increment/decrement).

Seek Tuning

There are 2 types of seek tuning: DX SEEK and LOCAL SEEK.

DX SEEK can automatically tune in to receivable broadcast stations; LOCAL SEEK can tune in to only broadcast stations with good reception sensitivity.

- In 2nd layer MENU, press [DX] or [LO] button to select DX or LO seek.
- Press the [SEEK] button [\(\lambda\) / \(\mathbf{V}\)] to select a radio station automatically. The automatic tuning will stop after detecting a receivable station. Press the [SEEK] button [\(\lambda\) / \(\mathbf{V}\)] again to cancel this function.

Reception frequency			
AM 522 - 1629 kHz (9 kHz step)			
FM 87.5 - 108.0 MHz (0.05 MHz step)			



Preset Scan

To automatically scan preset channel stations, press this button on the 2nd layer MENU and the radio will start from the next preset channel of current band. If current station is not preset channel, preset scan will start from preset channel 1 of current band.

When a station is located, the tuner will stop at that frequency for 7 seconds and then will continue to search for the preset channel.

If you want to keep the station that has been found, the scan function should be stopped as follows:

Press the "SCAN" button.

Press the "SEEK" button.

Press the "Preset" button

Preset Buttons

A maximum of 5 stations ("1" to "5") can be programmed to the "Preset" buttons for each of the FM1, FM2, FM3 and AM bands.



- Tune the radio to the station you want to store in memory.
- 2. Press and hold the desired [PRESET] button ("1" to "5") for 2 seconds or more.

When the station is successfully stored in the memory, the beep sound is heard, and "CH (1 to 5) Memory" appears in the display.

To listen to a preset station, press the appropriate **[PRESET]** button ("1" to "5") lightly for less than 2 seconds.



NOTE

- The radio stations in memory are erased when the power supply is interrupted during replacement of the battery or fuse.
- This will cause the setting to return to the initial preset station (FM1 CH1).



Auto Store

If the [AST] button is pressed on the 2nd layer MENU, the station you are currently listening to will change as the system seeks the next station with a strong signal at a higher frequency.

When a strong radio reception is found, the station will be automatically stored in memory as a preset station (auto preset mode) within the radio band being received.



- Press the [AST] button again to cancel the Auto Store mode.
- · Current band is selected for Autostore

CD Operations



ADVICE

• Use 12cm disc. Do not use 8cm disc or an adapter for 8cm disc.

Playing CDs

Insert a CD into the CD slot with the label side (printed side) facing up. The power will switch on and playback will start automatically.



NOTE

- At the start of the playback of a CD, the elapsed time per track (music file) will be indicated on the display.
- When the CD mode is activated, "DISC" will be indicated on the display.
- When a disc is inserted, "#" will be indicated on the display.
- The first session on a disc containing both CD-DA data and MP3/WMA data is a CD-DA file, only CD-DA files will be playback.
- Files protected by DRM (Digital Rights Management), cannot be playback on this unit.



Switching to CD Playback While Listening to the Radio

Press the **[MEDIA]** button when a CD is inside the player, and playback will resume from the point at which playback was previously stopped.



ADVICE

 Check that there is no CD in the player before inserting a CD. Forcibly inserting a CD could damage the CD or cause the player to malfunction.



NOTE

• Gently push the CD into the player and it will automatically load.







Fast Forwarding/Fast Reversing

Press and hold the [SEEK] button [\(\lambda\) / \(\mathbf{V}\)] during playback for 1 second or more to advance the track (file) forwards or backwards quickly.

★ : Fast forward
✓ : Fast reverse

Replaying the Same Track

Press the **[SEEK]** button **[V]** for less than 1 second when track is playing >2s to start playback of the current track (file) from the beginning.

Track Selection

Press the [SEEK] button [\land / \lor] for less than 1 second to select the desired track (file) number.

Advance to the next track.Y: Return to a previous track.



NOTE

The display appears when the track (file) number is displayed.



Scan playback

For CD: When the **[SCN]** button is pressed, track scan starts from the next track after the track currently being played. After completing the scan and returning to the track where the scan started, the operation stops.

To stop the operation, press the button again.

For CD (MP3/WMA): Pressing the [SCN] button each time will switch the display as shown below:

Off → Track scan → Folder scan → Off → ...



NOTE

- Selecting the track scan function will allows you to locate and play the first 10 seconds of all the tracks in all folders. "SCN" will appear on the display.
- Track Scan will proceed to next folder after all the tracks in the current folder have been scanned.
- Selecting the folder scan function allows you to locate and play the first 10 seconds of the first track of all the folders on an disc. "F.SCN" will appear on the display.
- Folder scan play will always start from the first track of next folder.



Repeat Playback

For CD: Press the [RPT] button to start repeat operation of a track. If you press the button during repeat operation of a disc, the operation is canceled at the point of pressing the button.

For CD (MP3/WMA): Pressing the [RPT] button each time will switch the display as shown below:

Off → Track repeat → Folder repeat → Off → ...



- Selecting the file repeat function will play the music file being played repeatedly. "RPT" will appear on the display.
- Selecting the folder repeat function will play the music file in the folder being played repeatedly. "F.RPT" will appear on the display.



Random Playback

For CD: Press the [RDM] button to start random operation of a disc. If you press the button during random operation of a disc, the operation is canceled at the point of pressing the button.

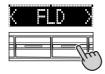
For CD (MP3/WMA): Pressing the [RDM] button each time will switch the display as shown below:

Off → Track random → Folder random → Off → ...



NOTE

- Selecting the track random function will play the music files stored in the current folder at random. "RDM" will appear on the display.
- Selecting the folder random function will play the music files stored in the disc at random. "F.RDM" will appear on the display.







Folder Up/Down

Press the [FLD] button ("< >") during playback to move to the next folder or the previous folder.

> : Folder Up

< : Folder Down

Root Directory

For CD (MP3/WMA): When the [TOP] button is pressed on the 2nd layer MENU the first folder in the disc is selected to start playback.

Switching the Displayed Items on the Display

Press the **[TEXT]** button for 1 second or more to switch among the displayed items on the display.

For CD: Main Display (Title Name) → Artist Name → Album Name → Main Display...

For CD (MP3/WMA): Main Display (File Name) → Folder Name → Title Name → Artist Name → Album Name → Main Display...



Switching the Page Display

When the number of text characters exceeds the maximum number that can be indicated on the display, you can move to the next page.

When the **[TEXT]** button is pressed, the next hidden portions of text data are brought into view.



NOTE

The text character can display Thai characters.



Multi-session function

When a disc contains both normal CD-DA type tracks and MP3/WMA type tracks, you can select the type of the recorded tracks to play.

* Default value is "CD".

Each time you press the **[M/S]** button on the 2nd layer MENU during CD mode, the mixed mode is switched between CD-DA type and MP3/WMA/AAC type. "MULTI-SESSION CD" will be displayed for CD-DA type while "MULTI-SESSION MP3" will be displayed for MP3/WMA type.

Stopping CD Playback

Press the [RADIO] button during CD playback to stop CD playback and listen to the radio.



Ejecting the CD

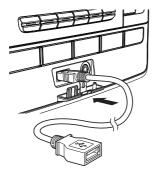
Press the [riangleq] button to stop playback and eject the CD.

If "ERROR" Appears in the Display

If a problem occurs with the CD during playback, an "ERROR" (message) appears in the display

	Display	Cause	Measure
A/AAC	ERROR 2	A disc is caught inside the CD deck and is not ejected.	This is a failure of CD deck's mechanism. Consult your nearest service dealers.
MP3/WMA/AA	ERROR 3	A disc cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped-disc.
CD MI	ERROR 6	A disc is loaded upside-down inside the CD deck and does not play.	Eject the disc then reload it properly.
	NO FILE	No supported file in the CD	Use a CD with files.

USB Memory Operations



Playing Music Downloaded in USB Flash Memory Insert the adapter

Insert the adapter to the USB terminal and connect the USB device that stores music data. After the music data is recognized, the playback will start.



NOTE

 Files protected by DRM (Digital Rights Management), cannot be playback on this unit.



Pressing the [MEDIA] button when the USB device is connected allows you to switch from other audio mode to the USB mode.



A CAUTION

- Connect the USB device in a way that will not impede your driving. The improper way of connecting the device may disturb your driving and cause a traffic accident.
- Do not connect, disconnect, or operate the USB device while driving. Stop
 the vehicle in a safe location and perform these operations.
- When removing the USB flash memory, turn off ("LOCK") the starter switch or select the other mode (e.g. FM or AM mode.)



NOTE

 When switching to other mode from the USB mode, then returning to the USB mode, it allows you to return to the music file that was played last.











Press and hold the [SEEK] button [\(\lambda / \varpsilon\)] during playback for 1 second or more to advance the file forwards or backwards quickly.

★ : Fast forward
✓ : Fast reverse

Replaying the Same File

Press the **[SEEK]** button **[V]** for less than 1 second when track is playing >2s to start playback of the current file from the beginning.

File Selection

Press the **[SEEK]** button [\land / \checkmark] for less than 1 second to select the desired file number.

Advance to the next file.Y: Return to a previous file

Scan Playback

Pressing the **[SCN]** button each time will switch the display as shown below:

Off → File scan → Folder scan → Off → ...



- Selecting the track scan function will allows you to locate and play the first 10 seconds of all the tracks in all folders. "SCN" will appear on the display.
- Track Scan will proceed to next folder after all the tracks in the current folder have been scanned.
- Selecting the folder scan function allows you to locate and play the first 10 seconds of the first track of all the folders on an disc. "F.SCN" will appear on the display.
- Folder scan play will always start from the first track of next folder.



Repeat Playback

Pressing the [RPT] button each time will switch the display as shown below:

Off → Track repeat → Folder repeat → Off → ...



NOTE

- Selecting the track repeat function will play the music file being played repeatedly. "RPT" will appear on the display.
- Selecting the folder repeat function will play the music file in the folder being played repeatedly. "F.RPT" will appear on the display.



Random Playback

Pressing the **[RDM]** button each time will switch the display as shown below:

Off → Track random → Folder random → Off → ...



- Selecting the track random function will play the music files stored in the current folder at random. "RDM" will appear on the display.
- Selecting the folder random function will play the music files stored in the USB device at random. "F.RDM" will appear on the display.









Folder Up/Down

Press the **[FLD]** button (< >) during playback to move to the next folder or the previous folder.

> : Folder Up < : Folder Down

Root Directory

When the **[TOP]** button is pressed on the 2nd layer MENU, the first folder in the USB device is selected to start playback

Switching the Displayed Items on the Display

Press the **[TEXT]** button for 1 second or more to switch among the displayed items on the display.

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

Switching the Page Display

When the number of text characters exceeds the maximum number that can be indicated on the display, you can move to the next page.

When the **[TEXT]** button is pressed, the next hidden portions of text data are brought into view.



NOTE

• The text character can display Thai characters.



If "ERROR" Appears in the Display

If a problem occurs with the USB device during playback, an "ERROR" (message) appears in the display

	Error Display	Cause	Measure
ш			Unplug the USB memory device and re-plug into the port.
DEVICE	NO FILE	No audio file is detected in the media.	Replace with audio contents loaded USB memory device.
MEMORY	OVER CURRENT USB connector short circuit/ overloaded.		Unplug the USB memory device, turn off the car stereo power and then turn on the power again.
USB ME	NO RESPONSE	Device no response after 20 sec of file reading.	Reduce the number of file in the USB memory device.
	USB HUB ERROR	USB HUB is connected	Unplug the USB HUB and plug in USB memory device into the port.

iPod Operations



Playing Music Downloaded in the iPod

Insert the adapter to the USB port and connect the iPod that stores music data.

After the music data is recognized, the playback will start.



Selecting the iPod Mode

Pressing the **[MEDIA]** button when the iPod is connected allows you to switch from other audio mode to the iPod mode.



CAUTION

- Connect the iPod in a way that will not impede your driving. The improper way of connecting the device may disturb your driving and cause a traffic accident.
- Do not connect, disconnect, or operate the iPod while driving. Stop the vehicle in a safe location and perform these operations.
- · Certain feature will be disabled while vehicle is in motion.
- Take care that the terminals of the iPod connection cable will not interfere with your hands.



NOTE

- Depending on the model, generation, and software of the iPod being used, connection, playback, or operation, etc., may not be possible.
- When switching to other mode from the iPod mode, then returning to the iPod mode, it allows you to return to the music file that was played last.
- The picture display of iPod is not supported.
- The podcast function is supported, but it may operate differently to that on iPod or iPhone.
- · For details on the iPod functions, see the iPod's instruction manual.
- The text character can display Thai characters (except Category name).











Pausing the Music

Press [>III] button to pause playback.

Press [▶II] button again to resume the playback.

Fast Forwarding/Fast Reversing

Press and hold the [SEEK] button [\bigwedge / \bigvee] during playback for 1 second or more to advance the file forwards or backwards

auickly.

Λ : Fast forward

V: Fast reverse

Replaying the Same File

Press the [SEEK] button [V] for less than 1 second when track is playing >2s to start playback of the current file from the beginning.

File Selection

Press the [SEEK] button [/ V] for less than 1 second to select the desired file number.

: Advance to the next file.

✓ (press twice or more): Return to a previous file.



Repeat Playback

Pressing the [RPT] button each time will switch the display as shown below:

Folder repeat → Track repeat → off → Folder repeat → ...



NOTE

- When the "Track repeat" function is selected, "RPT" will appear on the display.
- When the "Folder repeat" function is selected, "F.RPT" will appear on the display
- FOLDER REPEAT is always ON unless TRACK REPEAT is triggered.



Shuffle Playback

Pressing the [RDM] button each time will switch the display as shown below:

Off → Song shuffle → Off



NOTE

- When the "Song shuffle" function is selected, "RDM" will appear on the display
- Repeat and Random can be co-exist in Ipod mode.



Switching the Displayed Items on the Display

Press the **[TEXT]** button for 1 second or more to switch among the displayed items on the display.

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

Switching the Page Display

When the number of text characters exceeds the maximum number that can be indicated on the display, you can move to the next page.

When the **[TEXT]** button is pressed, the next hidden portions of TEXT data are brought into view.



NOTE

• The text character can display Thai characters.



iPod List Selection

 Press the [LIST] button to switch to the "iPod List Selection Menu".



Press the [SEEK] button [∧ / ∨] to select the category you wish to search.

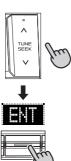


NOTE

 Press "\nabla" button to move up the list, and press "\nabla" button to move down the list.



3. Press the **[ENT]** button to switch to the next list.



 Press the [SEEK] button [∧ / √] to select the desired list, then press the [ENT] button.

Repeat the operation until the SONGS list appears on the display. The SONGS list is displayed in each SONGS selection mode in the following order.

Category	Order for the display of the SONGS selection mode	
PLAYLISTS	PLAYLIST → SONGS	
ARTISTS	ARTISTS → ALBUMS → SONGS	
ALBUMS	ALBUMS → SONGS	
SONGS	SONGS	
PODCASTS	PODCASTS → EPISODES	
GENRES	GENRES → ARTISTS → ALBUMS → SONGS	

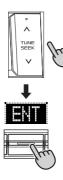
COMPOSERS	COMPOSERS → ALBUMS → SONGS
AUDIOBOOKS	AUDIOBOOKS*1 AUDIOBOOKS → CHAPTERS*2
iTunes RADIO	RADIO → CHANNEL *3

- *1 Playback start from selected AUDIOBOOKS.
- *2 Playback start from selected CHAPTERS.
- *3 Station radio will not be display if user not sign in to the Apple. The display text is as received from device.



NOTE

• Press the "Back" button to return to the previous display.



 Press the [SEEK] button [\(\ \ \ \)] to select the desired music file, then press the [ENT] button to play the selected music file.

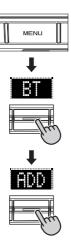
If "ERROR" Appears in the Display

If a problem occurs with the iPod during playback, an "ERROR" (message) appears in the display.

	Error Display	Cause	Measure
po	NO FILE	No playable music data recorded on the iPod.	Connect a iPod that contains playable music data.
iPo	SONG NOT FOUND	Song selected not listed in first 500 song	Select song listed.

Bluetooth Audio Operations

Please note that the available functions of this unit may vary depending on the type of your audio device. For details on how to use the audio device, refer to the instruction manual provided with your audio device.



Registering a Bluetooth-Compatible Audio Device

- Press the [MENU] button for 1 second or more to switch to the "Menu Adjustment".
- 2. Press the **[BT]** button to switch to Bluetooth selection mode.
- Press the [ADD] button to switch to "Pairing Menu".
 For details on "Pairing Menu", refer to "Pairing Menu Operations" on page 1-38.
- When a Bluetooth connection (pairing) is completed, "PAIRING DONE" appears on the display and the mode changes to "Pairing Menu



• Do not register the audio device while driving. Stop the vehicle in a safe location before registering the audio device.



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.



Selecting Bluetooth Audio Mode

5. Press the **[MEDIA]** button to switch to Bluetooth Audio and unit will starts playing music files.



- When the audio device is connected, the Bluetooth connection indicator displayed.
- When you switch Bluetooth audio mode to other modes and then switch back to Bluetooth audio mode, you can return to the music file that was last playing.









Pausing the Music

Press "▶II" button to pause playback.

Press ">I" button again to resume the playback.

Fast Forwarding/Fast Reversing

Press and hold the [SEEK] button [\(\lambda \) / \(\rangle \)] during playback for 1 second or more to advance the file forwards or backwards quickly.

★ : Fast forward
▼ : Fast reverse

Replaying the Same File

Press the [SEEK] button [V] for less than 1 second when track is playing >2s to start playback of the current file from the beginning.

File Selection

Press the **[SEEK]** button **[**\(\lambda\) / \(\mathbf{V}\)] for less than 1 second to select the desired file number.

Advance to the next track.Return to a previous track.