

# ***Head Unit Owner's Manual***

**Model: 2415723**

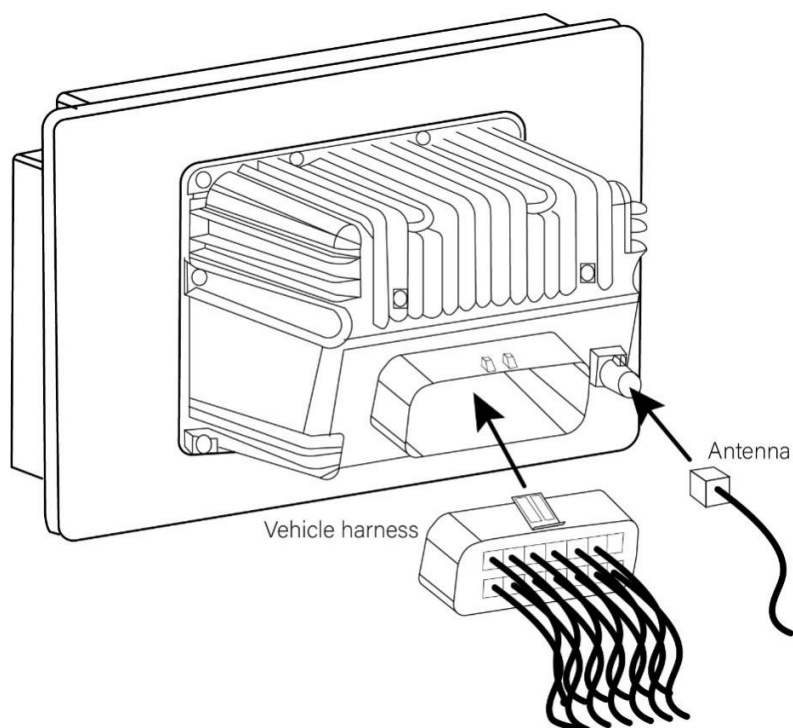
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## WIRING THE STEREO

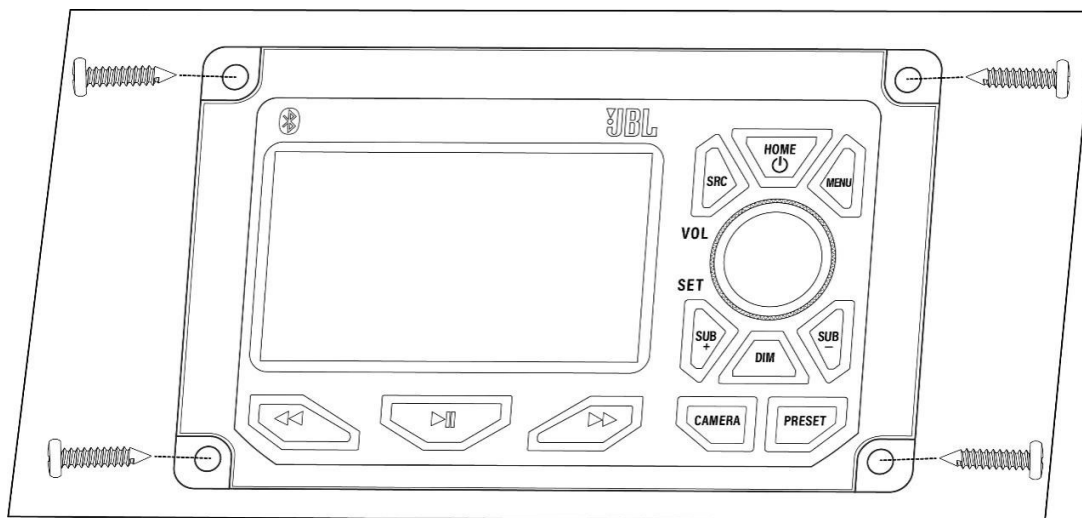
**IMPORTANT:** Disconnect the vehicle's negative (–) battery terminal before beginning the installation.

1. Plug the vehicle harness into the receptacle on the back of the Admiral stereo.
2. Plug the vehicle antenna harness into the antenna port of the back of the Admiral stereo.

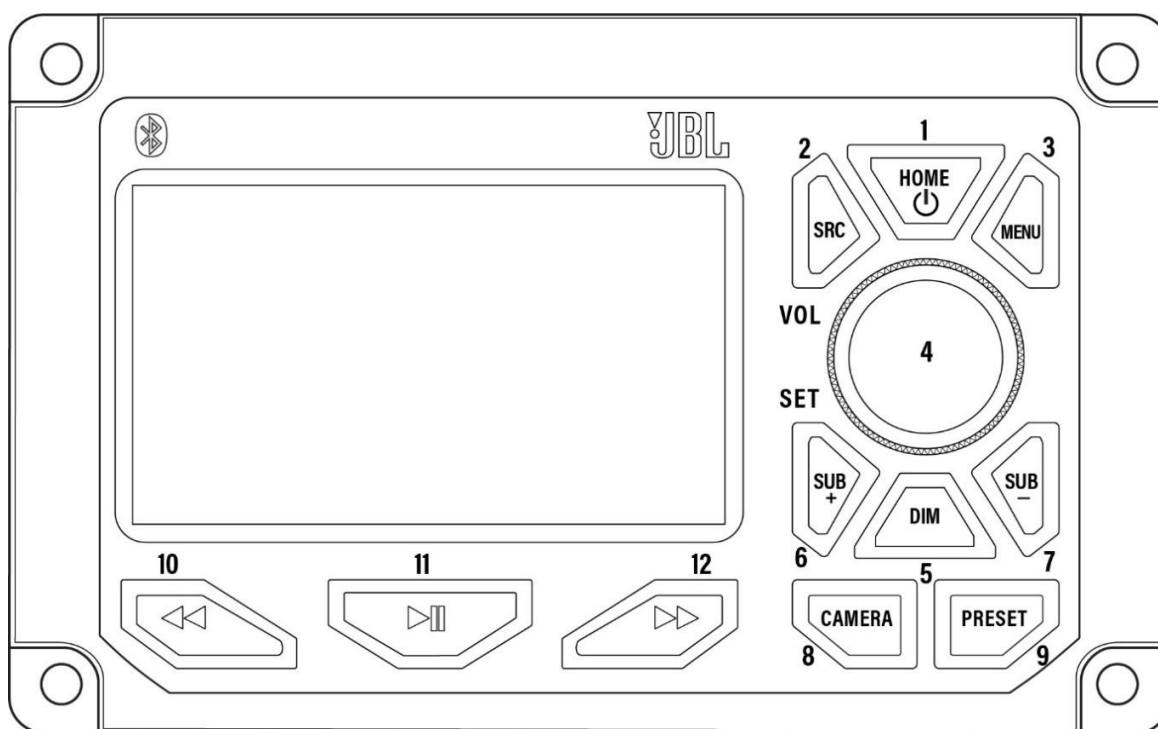


## MOUNTING THE STEREO

Place the stereo against the mounting surface and secure with four sheet metal screws.



## GENERAL BUTTON OPERATION



1. **Home/Power:** turns the stereo on and off, and lets you access the home screen to choose sources.
2. **Source:** Cycle through sources one at a time.
3. **Menu:** Lets you return to the previous screen or enter the control menu of the source you're currently listening to.
4. **Volume/enter:** Turn the knob to raise and lower the volume, or to highlight desired control menu options. Press the center button to select the desired control menu option.

5. **DIM:** Lets you choose between Day and Night modes and access the brightness settings for the screen and buttons.
6. **SUB+:** Increases the subwoofer output level.
7. **SUB-:** Decreases the subwoofer output level.
8. **Camera:** Lets you display the rear camera view on the screen.
9. **PRESET:** Lets you access and select your radio preset channels or files and folders in a connected USB device.
10. **PREVIOUS:** Lets you tune radio stations, start at the beginning of a track or go to a previous track in BT and USB mode, and fast rewind a track in USB mode.
11. **PLAY/PAUSE:** Lets you play or pause a track in BT and USB mode, and mute the output in AM/FM mode.
12. **NEXT:** Lets you tune radio stations, jump to the next track in BT and USB mode, and fast forward a track in USB mode.

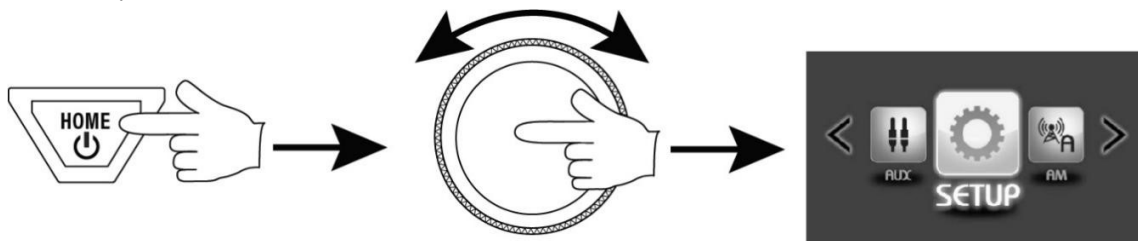
## SYSTEM SETUP

Press and hold the VOLUME/ENTER button to enter the settings menu.



OR

1. Press the HOME button to enter the source selection menu.
2. Turn the volume knob until SETUP is highlighted.
3. Then press ENTER.



### Audio control options

1. Turn the VOLUME knob to highlight AUDIO.
2. Press ENTER.
3. Turn the VOLUME knob to highlight the desired audio control setting.
4. Press ENTER.
5. Use the VOLUME knob to adjust the desired setting.
6. Press ENTER to set.



### Audio setting options:

**Bass:** -7dB – +7dB

**Middle:** -7dB – +7dB

**Treble:** -7dB – +7dB

**Balance:** Left 10 – Right 10 (default: 0)

**Fader:** Front 10 – Rear 10 (default: 0)

**Preset EQ:** Off, Flat, Jazz, Pop, Classic, Rock, Vocal

**Loudness:** On/Off

### System options

1. Turn the VOLUME knob to highlight SYSTEM.
2. Press ENTER.
3. Turn the VOLUME knob to highlight the desired system control setting and
4. Press ENTER.
5. Use the VOLUME knob to adjust the desired setting.
6. Press ENTER to set.



### System setting options:

**I-Volume:** 0 – 40

**Beep:** 2<sup>nd</sup>/On/Off

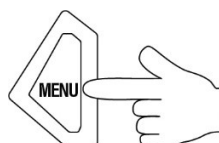
**Location (tuner):** USA, Europe, Japan

### About

1. Turn the VOLUME knob to highlight ABOUT.
2. Press ENTER to see system information.
3. Press and hold the VOLUME button to enter factory reset mode.
4. Turn the VOLUME button to highlight YES (reset to factory settings) or NO.
5. Press ENTER to confirm your choice.



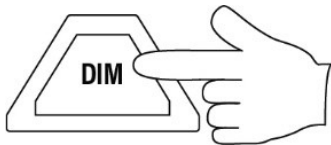
**Note:** Press MENU to return to a previous screen.



## ADJUSTING THE BRIGHTNESS

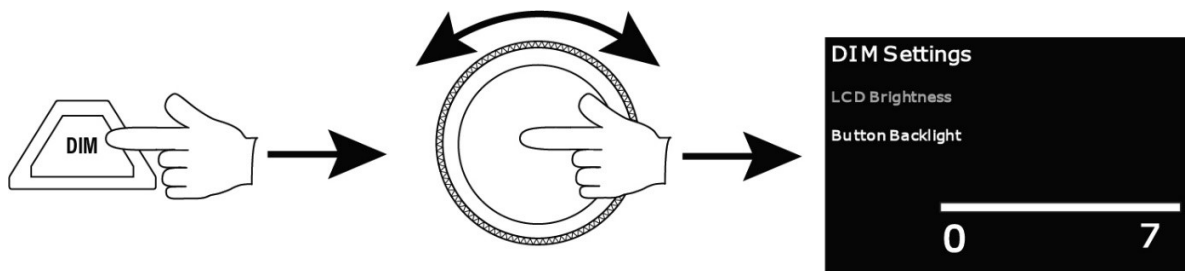
### Day/Night modes

Press the DIM button to toggle between Day and Night modes (Night mode is 30% darker).



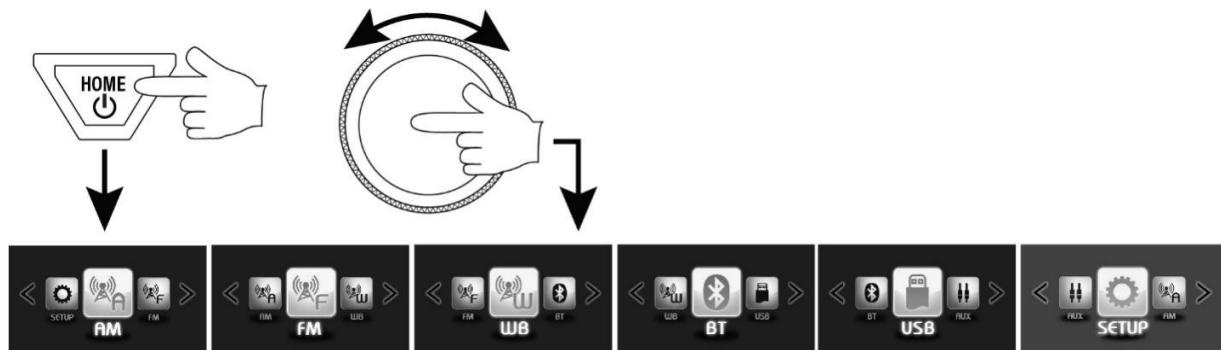
### Screen and button brightness settings

1. Press and hold DIM to enter the brightness control menu.
2. Turn the VOLUME knob to highlight desired brightness control (LCD or button).
3. Press ENTER.
4. Turn the VOLUME knob to adjust the brightness of the LCD or buttons.
5. Press ENTER when finished.



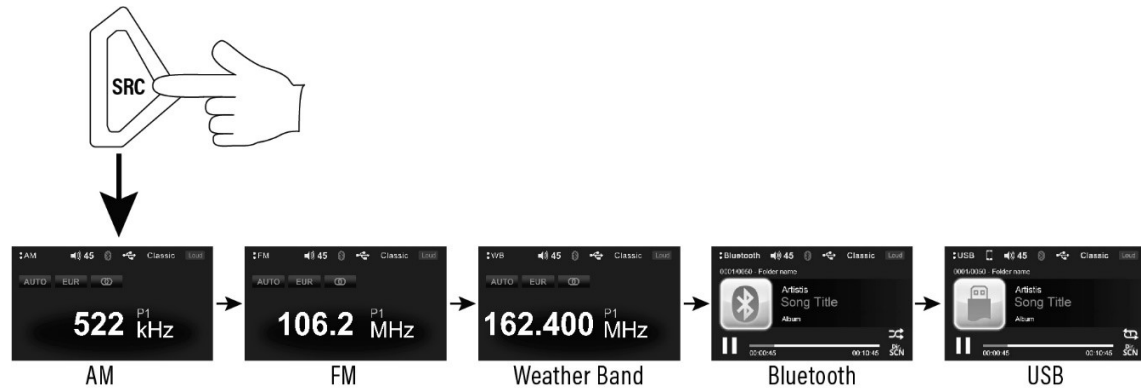
## SELECTING SOURCES

1. Press the HOME button to enter the source selection menu.
2. Turn the VOLUME knob to toggle available source selections.
3. Press ENTER to select desired source.



OR

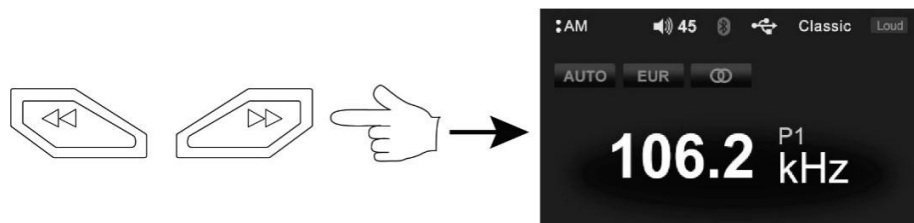
Press the SRC button to select sources one at a time.



## AM/FM/WB TUNER OPERATION

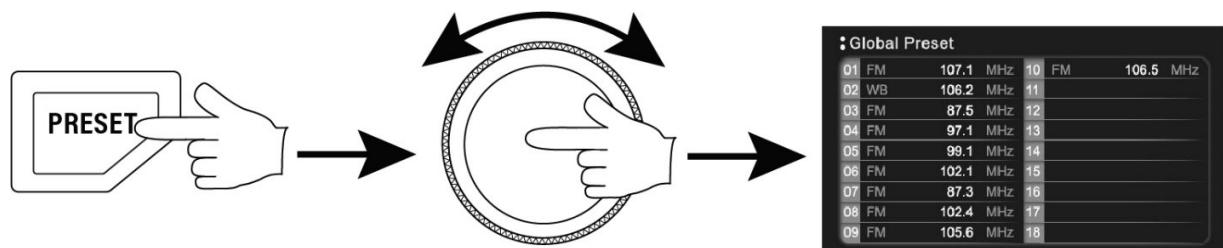
### Tuning stations

1. Press the PREVIOUS and NEXT buttons to seek radio stations in auto tuning mode.
2. Or, press and hold the PREVIOUS or NEXT button to enter manual tuning mode.



### Selecting preset stations

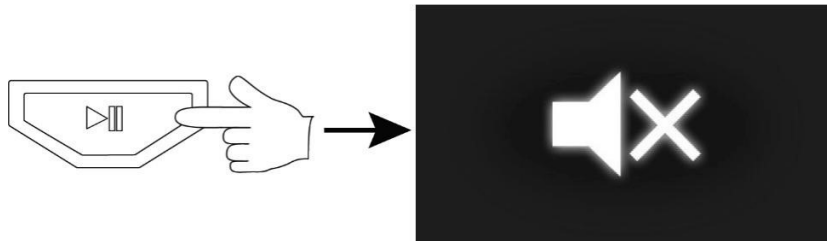
1. Press the PRESET button to pull up the channel preset list.
2. Turn the volume knob until the desired station is highlighted.
3. Press ENTER to select the station.





### Muting the audio

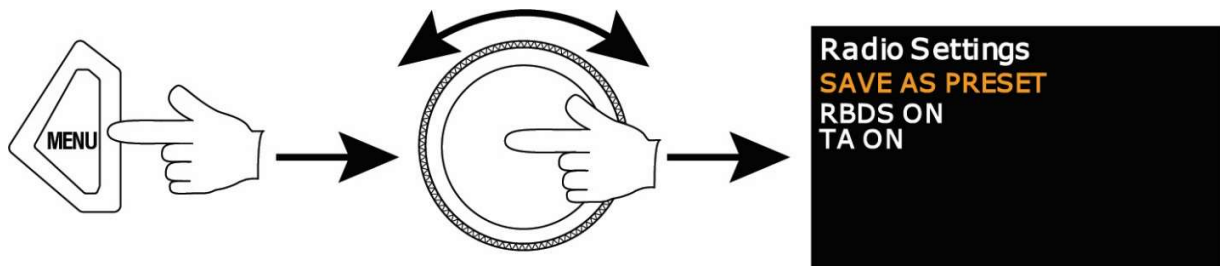
Press the PLAY/PAUSE button to mute the audio output.



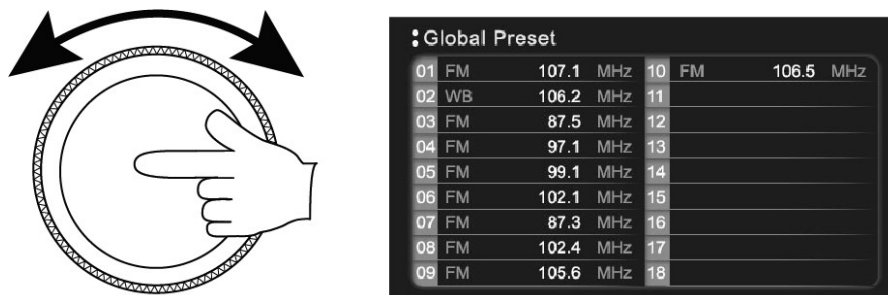
### Setting preset stations

When listening to a station you would like to save as a preset:

1. Press the MENU button for 3 seconds to pull up the settings menu.
2. Turn the VOLUME knob to highlight SAVE AS PRESET.
3. Press ENTER to select.



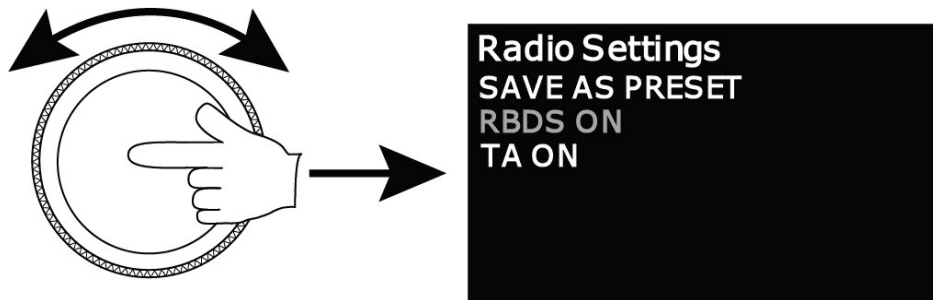
4. In the preset list, turn the VOLUME knob to highlight the desired channel number for the station you are saving as a preset.
5. Press ENTER to save.



### Engaging RDS

1. In the radio settings menu, turn the VOLUME knob to highlight RBDS (Radio Data Service) or TA (Traffic Announcements).
2. Press ENTER to toggle between ON/OFF for RBDS and TA.

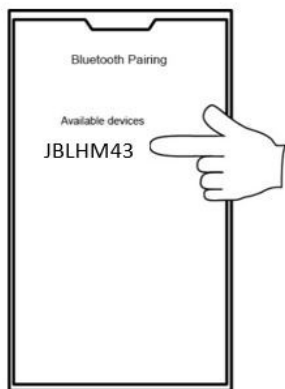
NOTE: TA can only be turned on if RBDS is on.



## BLUETOOTH OPERATION

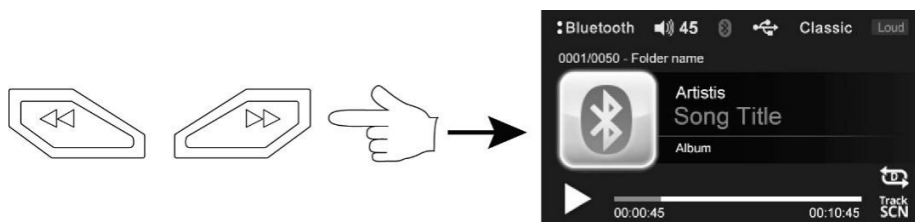
### Pairing a Bluetooth device

1. Bluetooth as the source on the stereo.
2. Find and select "JBLHM43" on the list of available sources in your phone's Bluetooth pairing menu.



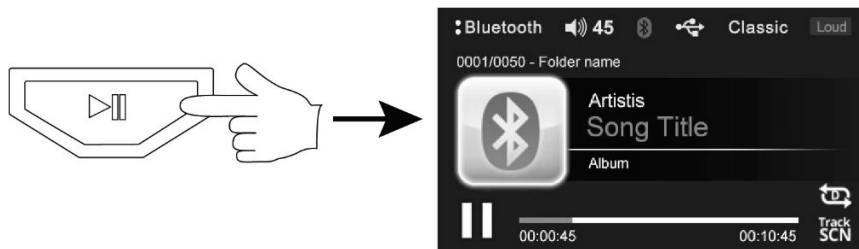
### Selecting tracks

Press the PREVIOUS and NEXT buttons to restart the current track, select a previous track, or jump to the next track.



### Pausing playback

Press the PLAY/PAUSE button to pause or resume playing a track.

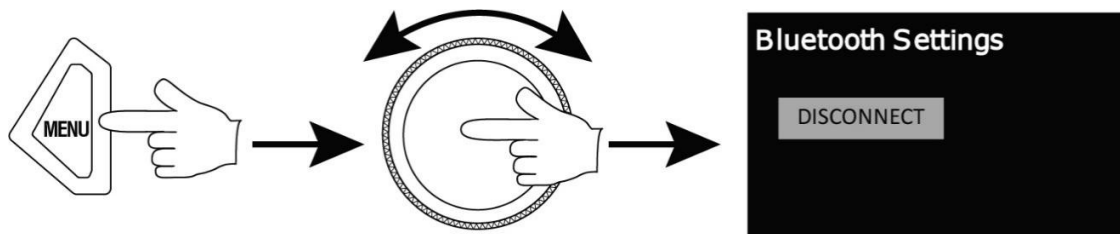


### Connecting or disconnecting a device

To connect or disconnect a Bluetooth device:

1. Press the MENU button for 3 seconds to pull up the Bluetooth settings menu.
2. Press ENTER to connect or disconnect.

NOTE: If a device is connected, "disconnect" will be the only option shown. If no device is connected, "connect" will be the only option.



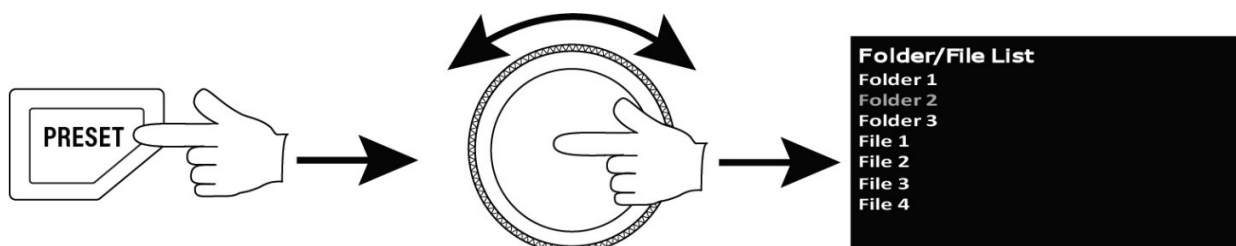
## USB OPERATION

### Connecting a USB device

Plug a USB drive or iPod into your vehicle's USB input.

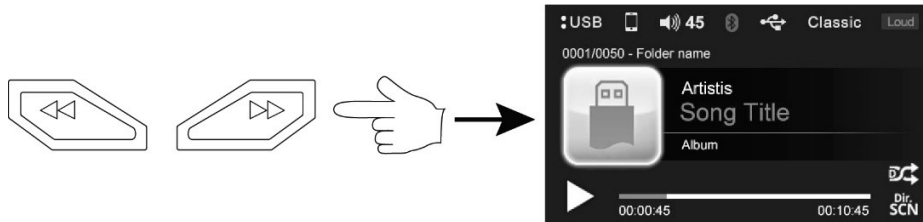
### Selecting folders and files

1. Press the PRESET button to pull up the folder list
2. Turn the VOLUME knob until the desired folder is highlighted.
3. Press ENTER to select the folder.
4. Use the VOLUME knob and ENTER button to select individual tracks in the folder you are browsing.



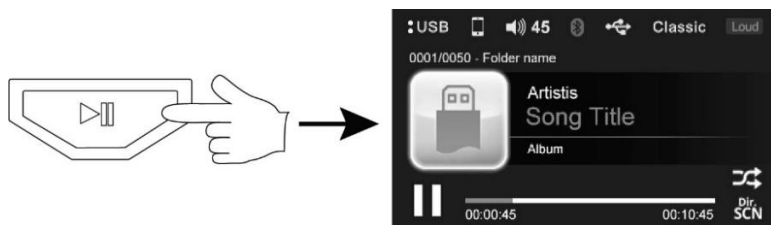
### Navigating tracks

1. Press the PREVIOUS and NEXT buttons to restart the current track, select a previous track, or jump to the next track.
2. Press and hold the PREVIOUS and NEXT buttons to rewind or fast-forward a track.



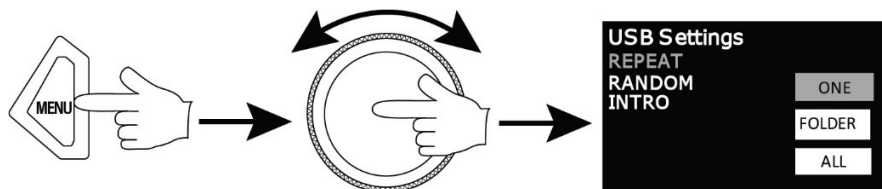
### Pausing playback

Press the PLAY/PAUSE button to pause or resume playing a track.



### Changing the playback mode

1. Press the MENU button for 3 seconds to pull up the USB settings menu.
2. Turn the VOLUME knob to highlight desired playback mode.
3. Press ENTER to select.
4. Within the desired playback mode, turn the VOLUME knob to highlight desired playback option.
5. Press ENTER to select.



### Playback mode options:

#### Repeat:

1. ONE (one track)
2. FOLDER (all tracks in one folder)
3. ALL (all tracks on the USB device)

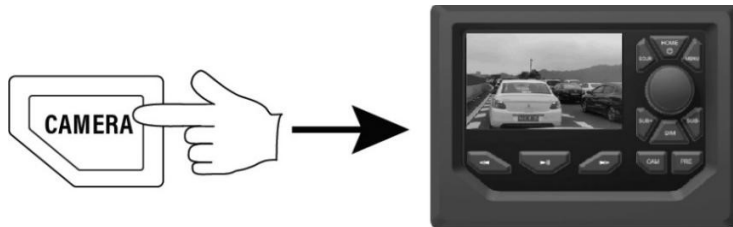
#### Random:

1. ALL (all tracks on the USB device)
2. FOLDER (all tracks in one folder)
3. OFF

**INTRO:** Plays a brief sample of the beginning of each song on the USB device

## CAMERA VIEW MODE

Camera view will engage automatically when the vehicle is in reverse. To engage camera view when not in reverse, press the CAMERA button, and the image will appear on screen.



## SPECIFICATIONS

Tuner bands	AM/FM
AM Band for USA	530 - 1710kHz (10kHz STEP)
AM Band for Europe	531 - 1602kHz (9kHz STEP)
AM Band for Japan	522 - 1629 KHz (9kHz STEP)
FM Band for USA	87.5 - 107.9MHz (0.2MHz STEP)
FM Band for Europe	87.50 - 108.00MHz (0.05MHz STEP)
FM Band for Japan	76.0 - 90.0 MHz (0.1MHz STEP)
Number of station presets	18
Weather Band (NOAA 7-CH)	162.400MHz - 162.550MHz (25Khz step)
Bluetooth version	5.0
Bluetooth A2DP protocol	Yes
Bluetooth AVRCP	V1.4 or newer
BT Max Power	≤ 4 dBm
Bluetooth transmitter frequency range	2402 MHz - 2480 MHz
Serial Port Profile (SPP)	Yes
Simple Secure Pairing (SSP)	Yes
Number of paired phones	5
Bluetooth auto reconnect	Yes (most recently paired phone)
Compatible media file formats	MP3, AAC (on Apple devices), WMA, WAV, M4A, FLAC
Maximum number of files on USB device	9999
RMS Power Output (Watts x Channel) @ 4-ohm	25W x 4
Frequency Response, +/- 3dB	20Hz to 20kHz
Signal-to-Noise Ratio	>75dB
THD+N @ 4-ohm (amplifier)	20%
THD+N @ 2.1Vrms (RCA outputs)	1%
Operating voltage	9V – 16V
Quiescent current	<0.2mA

## Caution

1. The operating temperature of this product is 45 °C
2. The product is a built-in component. The terminal where the product is installed should be used for the evaluation of product structure, and no consideration should be given to the temperature of the metallic casing. After the product is installed, only the operation panel is exposed to users.

## Notes:

1. changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. 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,

3. 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.

3. This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

4. RF exposure statement: The equipment complies with **FCC&ISED** radiation exposure limits set forth for an uncontrolled environment.

5. Cet appareil est conforme à la licence RSSs de Innovation, Science et développement économique Canada. L'exploitation est soumise aux deux conditions suivantes:

(1) ce dispositif ne doit pas causer d'interférences; et

(2) ce dispositif doit accepter toute interférence, y compris toute interférence susceptible de provoquer un fonctionnement indésirable du dispositif.

6. L'équipement est conforme aux limites d'exposition aux rayonnements isee établies par Innovation, Science et développement économique Canada pour un environnement non contrôlé.