

**Owner's Manual**

**EN**

**Mode d'emploi**

**FR**

**Bedienungsanleitung**

**DE**

**Manual del usuario**

**ES**

**Manuale utente**

**IT**

**Handleiding**

**NL**

**Manual do proprietário**

**PT-BR**

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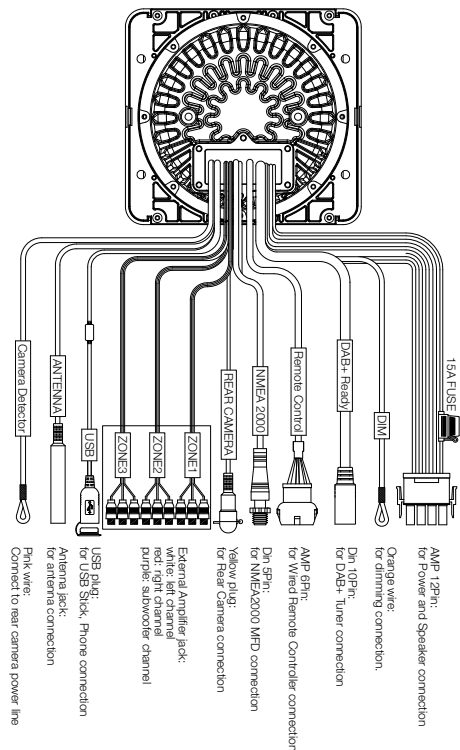
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## WIRING THE STEREO

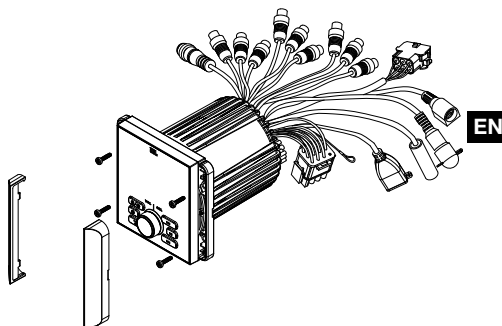
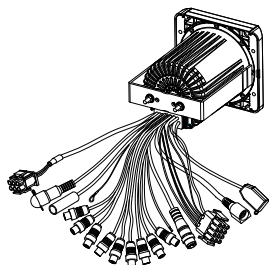
**IMPORTANT:** Disconnect the vehicle's negative (-) battery terminal before beginning the installation.

1. Plug the vehicle harness into the connectors on the back of the stereo.

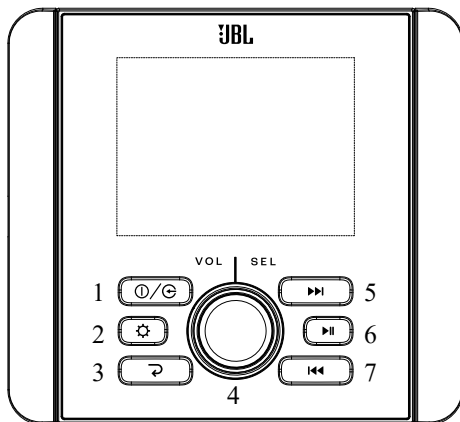


## MOUNTING THE STEREO

You can choose either one mounting method shows below:



## GENERAL BUTTON OPERATION



1. **Power/SRC:** Press for the first time to turn the unit on. Press and hold for more than 3 seconds to turn the unit off. With unit powered on, short repeat press to switch mode in following sequence: FM → AM → WB → DAB → Bluetooth → USB → CAMERA → FM.....
2. **Setup:** In source playing status, short press it to enter sub-function of current playing source. In FM/AM/WB mode, press and hold it for 3s to activate Auto Preset Store.
3. **Return:** In source playing status, press it to go back to Home Screen. In Sub-selection screen, press it to go back to previous display.
4. **Volume/SEL:** Turn the knob to raise or lower the volume, or to highlight desired control menu options.  
Press and hold the SEL knob to enter setup menu, turn the knob and push it to select among Audio Setup, System Setup, Bluetooth Setup and System information.

At each setting, the level can be controlled by turning SEL knob. When the last adjustment is made, the display will automatically return to the original mode after 5 seconds, or you can press Return button to return the original mode quickly.

5. **NEXT:** In FM/AM/WB mode, repeatedly short press it to tune the frequency in steps; Press and hold it for 3s to auto tune to next station.  
In DAB mode, short press it to auto seek to next station.  
In BT Music or USB mode, press it to select the next track.  
In USB mode, press and hold it to fast forward.
6. **PLAY/PAUSE:** In FM/AM/WB/CAMERA mode, press it to MUTE sound output.  
In BT Music or USB mode, press it to Pause playback; press it again to resume playback.
7. **PREVIOUS:** In FM/AM/WB mode, repeatedly short press it to tune the frequency in steps; Press and hold it for 3s to auto tune to the previous station.  
In DAB mode, short press it to auto seek to the previous station.  
In BT Music or USB mode, press it to select the previous track.  
In USB mode, press and hold it to fast rewind.

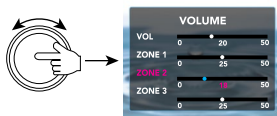
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## GENERAL SETUP

### 1. Master / Zone Volume Control

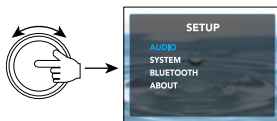
Turn the knob clockwise or counter clockwise to adjust master volume level (0~50) in any playing status, each zone volume will change simultaneously.

To adjust a Zone volume separately, press SEL knob at volume display status, turn VOL knob to toggle among ZONE 1, ZONE 2, and ZONE 3, press SEL knob at desired zone and turn the knob again to adjust the zone volume level.



### 2. To Enter Setup Menu

Press and hold the knob for over 3s to display the SETUP screen. Turn the knob to move amongst Audio, System, Bluetooth, and About; then press the knob to select the desired item.



#### 2.1 Audio Settings

Press the knob at AUDIO being highlighted to enter Audio Settings. Turn the knob and push it to select sub-features, then turn the knob to adjust the level of each sub-features.

**BASS:** Minimum -7 to maximum +7.

**MIDRANGE:** Minimum -7 to maximum +7.

**TREBLE:** Minimum -7 to maximum +7.

**BALANCE:** L10 (full left) to R10 (full right).

**PRESET EQ:** OFF, FLAT, JAZZ, POP, CLASSICAL, ROCK, VOCAL, TECHNO.

**LOUDNESS:** OFF, ON.

**SUB LEVEL:** At Sub Level, turn VOL knob to toggle amongst ZONE1, ZONE2, or ZONE3 and push SEL knob at desired zone; turn VOL knob again to adjust the Sub Level from Minimum 0 to maximum 15.



#### 2.2 System Settings

Press the knob at SYSTEM being highlighted to enter System Settings. Turn the knob and push it to select sub-features, then turn the knob to adjust the level of each sub-features.

**BRIGHTNESS:** This feature controls the brightness of the display panel. It is adjustable from 0 to 7.

**I-VOL:** This feature controls the initial volume level of next power on. Turn the knob to adjust volume level (0-50) in any playing status.

If the volume is set less than I-VOL, it will memorize the volume set after restarting the unit. If the volume is set higher than I-VOL, it will memorize the I-VOL after restarting the unit.

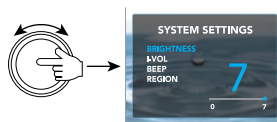
**BEEP:** This feature controls the beep sound when button was pressed.

**BEEP ON:** You can hear the beep sound each time you press the buttons.

**BEEP 2ND:** You will only hear the beep sound when the buttons are held down for more than 2 seconds.

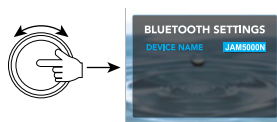
**BEEP OFF:** You will not hear the beep sound when you press the buttons.

**REGION:** The Tuner Region is optional for EURO, USA, JAPAN, BRAZIL, AUS. (Note: with wrong Region selected, the tuner reception might be affected.)



#### 2.3 Bluetooth Settings

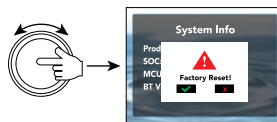
Press the knob at BLUETOOTH being highlighted to enter Bluetooth Settings. It will show the device name JAM5000N. Select correct Device Name when you search for Bluetooth connection on your phone.



#### 2.4 About

Press the knob at ABOUT being highlighted to show the system firmware information. With firmware information being displayed, press and hold the knob for more than 5s, it will popup the Factory Reset option. Turn the knob and push it at "Y" being highlighted, the unit will be initialized and restarted.

**Note:** Once Factory is carried out, prior presets will be cleared, and you will need to setup all the features and Global Presets once again.



## FM/AM/WB TUNER OPERATION

### 1. To Select Radio mode

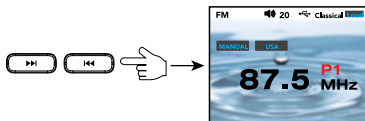
Press RETURN button to display Home Screen, then turn VOL knob and press it to select FM, AM or WB mode. (The foreground popup icon refers to the source changing.)

Or simply repeat press SRC button to select the desired mode.



## 2. Tuning stations

- Repeat short press >>| or |<< button to manually tune the frequency in steps.
- Press and hold >>| or |<< button for 3s to activate auto tune which will result in stopping at next or previous station with strong signal.



## 3. Tuner Settings

### 3.1 Save as Presets

In Radio mode, at your favorite station, press the Setup button to enter Tuner Settings, press VOL knob at SAVE AS PRESET to show the Global Preset list, then turn the knob to select a preset No. and press it to save the station into Preset List. The Preset No. will display once the station is saved.

**Note:** It will revert to previous display after 5s without operation.



### 3.2 Recall Preset Station

In Radio (FM, AM, WB) source, press the Setup button to enter Tuner Settings, turn VOL knob and press at PRESET RECALL to show the Global Preset list, turn the knob and press again at a desired Preset station. Once a preset station is selected, it will switch to source playing with the selected station information displayed.

### 3.3 RDS Functions

Press Setup button in Radio source playing to display the Tuner Settings screen, turn VOL knob and press it at RDS, then turn VOL again and press it to select RDS on or off.

With RDS on selected, the station information, such as station name, title, etc. would be displayed if the received station is an RDS station.

## 4. Auto Preset Store

In Radio (FM, AM, WB) source, press and hold SETUP button for 3s, it will auto scan the frequency range and store the stations with strong signal.

It can store 18 FM stations, 12 AM stations and 7 WB stations at maximum.

## DAB OPERATION

**Note:** DAB is only available when the head unit is connecting with a compatible DAB module, else related selection will be hidden automatically.

### 1. To Select DAB mode

Press RETURN button to display Home Screen, then turn VOL knob and press it to select DAB mode. (The foreground popup icon refers to the source changing.)

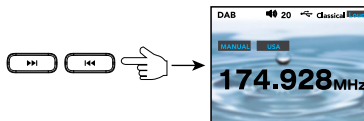
Or simply repeat press SRC button to select the DAB mode.

When DAB mode is selected, the head unit will detect whether there is a compatible DAB module connected. If yes, the station search will start. If not, 'No device' will be displayed.



## 2. Tuning stations

- Simply short press >>| or |<< button to tune to next or previous station.



## BLUETOOTH OPERATION

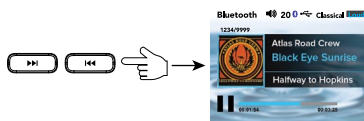
### Pairing a Bluetooth device

1. Choose Bluetooth as the source on the stereo.
2. Find and select "JBL JAM5000N" in the list of available sources in your phone's Bluetooth pairing menu.
3. Accept the code prompt on your phone to complete the Bluetooth pairing process.



### Selecting tracks

Press >>| or |<< button to select the next or previous track.



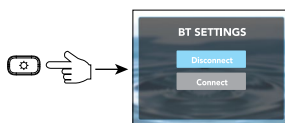
### Pausing playback

While playing track, you can pause the track by press >|| button (6), then press again to resume to playback status.

### Connecting or disconnecting a device

In BT Music mode, simply press SETUP button (2), it will display the BT Settings and highlighted at Disconnect, press SEL knob (4) to confirm.

To connect the device again, turn the SEL knob (4) at BT Settings to move highlight on Connect, press SEL knob (4) to confirm.



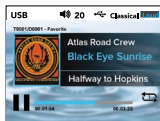
### Note:

1. When your BT device battery is at low charge, the Bluetooth connection may occasionally be lost. To maintain good connectivity, ensure that your BT device battery is adequately charged.
2. It will revert to previous display after 5s without operation.

## USB OPERATION

### 1. Connecting a USB device

Plug a USB drive into the USB slot. It will auto begin to read the tracks in the device.



### EN 2. Track Up/Down

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

**Note:** If the current playing track elapsed time is less than 10 seconds, then press Previous button to select previous track. If the track elapsed time is over 10 seconds, then press Previous the first time will result in back to the beginning of current track, press it again within 5seconds to select previous track.

### 3. Pausing playback

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

### 4. USB Settings

#### 4.1 FILE LIST (Folder / File Search)

While USB is playing, press Setup button (2) to show USB settings, press SEL knob to enter file list, it will display all the tracks in current playing folder.

- To select other tracks in current folder, turn VOL knob and press it at desired track.
- To select the track in other folders, press SEL button at the desired folder and repeat the operation until the desired track being selected.

**Note:** It supports a maximum of 9999 files and 256 directories on USB flash drives.

#### 4.2 Repeat play

While USB is playing, press Setup button (2) to show USB settings, turn VOL knob and preset it at Repeat, then turn VOL knob to select one, folder or all.

- Select Repeat One to play current track repeatedly.
- Select Repeat Folder to repeatedly play the tracks in current folder.
- Select Repeat All to repeatedly play all the tracks in drive.

#### 4.3 Random play

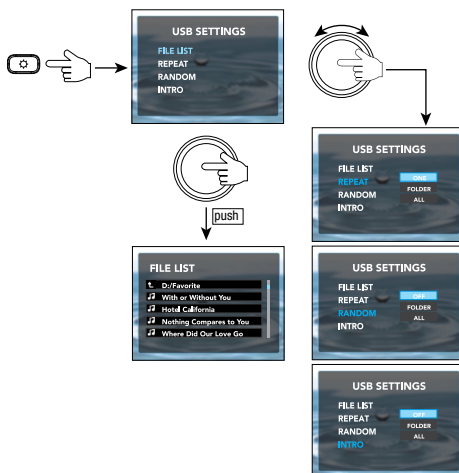
While USB is playing, press Setup button (2) to show USB settings, turn VOL knob and press at Random, then turn VOL knob to select off, folder or all.

- Select Random off to disable Random play.
- Select Random Folder to play the tracks in current folder in a random sequence.
- Select Random All to play all the tracks in the USB device randomly.

#### 4.4 Intro Scan

While USB is playing, press Setup button (2) to show USB settings, turn VOL knob and press it at Intro, then turn VOL knob to select off, folder, or all.

- Select Intro off to disable Random play.
- Select Intro Folder to play the first 10s of the tracks in current folder.
- Select Intro All to play the first 10s of all the tracks in current directory.



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Once you connect an iPod/iPhone/iPad to the USB input, it will read the files automatically. It can take up to 30 seconds to load all of the files, so please be patient. The more music you have, the longer it will take.

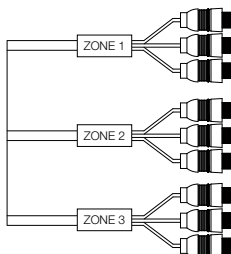
With iPod/iPhone/iPad connected, you can operate Play/Pause, Track Up/Down, Fast Forward, Rewind, File List, Repeat, Random functions the same as USB section.

#### Note:

- Please make sure the iPod/iPhone cable is connected correctly.
- It is recommended to use the original cable for connection.

## RCA CONNECTION

The use of RCA outputs allows an amplifier or subwoofer to be hooked up.



Each RCA has a Left Channel, Right Channel and a subwoofer channel which are distinguished by unique color.

- Red: Right Channel
- White: Left Channel
- Purple: Subwoofer

The subwoofer channel is set as 80Hz low pass filter; the subwoofer gain level for each zone can be adjusted in Audio Settings (refer to page 6).

# CAMERA VIEW MODE

Camera view will engage automatically when the vehicle is in reverse. To show camera view when not in reverse status, repeat press SRC button to switch to CAM mode or turn and press SEL knob to select CAM mode at Home Screen.



# SPECIFICATIONS

Tuner bands	FM/AM/WB
AM Band for USA	530 - 1710KHz (10KHz STEP)
AM Band for Europe	522 - 1620KHz (9KHz STEP)
AM Band for Japan	522 - 1629KHz (9KHz STEP)
AM Band for Brazil:	520 - 1710KHz (10KHz STEP)
AM Band for Australia	531 - 1602KHz (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 - 95.0MHz (0.1MHz STEP)
FM Band for Brazil:	76.0 - 108.0MHz (0.1MHz STEP)
FM Band for Australia	87.5 - 108.0MHz (0.1MHz STEP)
WB Band	162.400 - 162.550 (0.25MHz STEP)
Number of station presets	FM: 18 / AM: 12 / WB: 7
Bluetooth version	5.0
Bluetooth A2DP protocol	1.3.2
Bluetooth AVRCP	1.6.2
BT Max Power	< 10 dBm
Bluetooth transmitter frequency range	2402MHz - 2480MHz
Serial Port Profile (SPP)	Yes
Simple Secure Pairing (SSP)	Yes
Number of paired phones	3
Bluetooth auto reconnect	Yes (most recently paired device)
USB version	2.0
Compatible media file formats	MP3, AAC (on Apple devices), WAV, M4A, FLAC
Maximum number of files on USB device	9999
USB A Charging	2.1A
RMS Power Output (Watts x Channel) @ 4-ohm	Low distortion power 15W x 4 High distortion power 25W x 4
Frequency Response, +/- 3dB	20Hz to 20KHz
Signal-to-Noise Ratio	>80dB
THD+N @ 4.1Vrms (RCA outputs)	1%
Operating voltage	9V - 16V
Quiescent current	<80mA
NMEA 2000 compatible	Yes
NMEA 2000 LEN	1 (50mA)
NMEA 2000 LEN (Remote)	4 (200mA)

# CAUTION

1. 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.

**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.

**MODIFICATION:** Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.