

## Function Instructions (for OWM-6A/6BT)

## LED Indicator

**Blue Flash:** Bluetooth pairing

**Steady Blue:** Bluetooth connected

**Steady Green:** Wireless Mic connected

**Steady Orange:** RCA connected

**Steady Red:** Standby mode

**Red Flash:** Amplifier Error

## Audio Input Option

- Bluetooth Input (OWM-6BT only)
- RCA Input (Both OWM-6A and OWM-6BT)
- Wireless Mic Input (additional option)

**Bluetooth Input has the priority if both Inputs are connecting:**

- The speaker will stay on Bluetooth Pairing mode after power on for 10s.

- Only if the Bluetooth device stops playing over 8s and a RCA Input is found, the speaker will switch to RCA Input. (The Wireless Mic can be used with RCA/Bluetooth simultaneously.)

## Bluetooth Connecting Process:

- 1 Power the speaker and the LED indicator will flash Blue. That means it's available for Bluetooth pairing.
- 2 Turn your device's Bluetooth function ON and select "BT Speaker".
- 3 It needs some time for the first time connecting.
- 4 Once paired successfully, the LED indicator will become Steady Blue.

**NOTE:** OWM-6A can't pair with 2 devices in the same time.

## Possible Malfunctions and Solutions

## Terminal device can't connect with Bluetooth

- 1 The distance between devices is over the maximum distance. (10 meters generally)
  - 2 The Bluetooth supports only one device connection at a time.
- SOLUTIONS:** Check whether the previous device has disconnected or not. You can also judge it through the indicator.
- 3 It could be the trouble of terminal itself.

**SOLUTION:** Clear the pairing history information on the terminal device and search the Bluetooth again.

- 4 If the aforesaid solutions didn't solve the problem, try to reset or restart the device.

The device hasn't set a password, but you are asked to enter password while connecting.

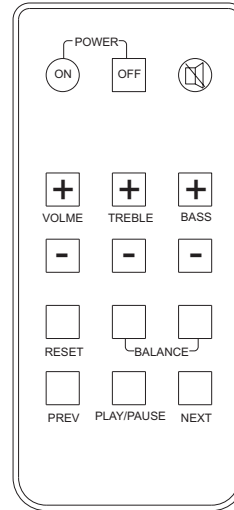
**SOLUTION:** Enter "0000" and confirmed to connect.

## No voice when the device is playing

- 1 Check if you have touched the "Mute" on the remote control.
- 2 The "Volume" rotary knob is in the correct position.
- 3 Device failure: Amplifier Protection.

**SOLUTION:** Check the wires for short circuits.

## Remote Control Function Instructions (for OWM-6A/6BT)



Button	Press
Treble+	Treble plus (short press) Keep plus (long press)
Treble-	Treble minus (short press) Keep minus (long press)
Bass+	Bass plus (short press) Keep plus (long press)
Bass-	Bass minus (short press) Keep minus (long press)
Volume+	Volume plus 1(short press) Keep plus(long press)
Volume-	Volume minus 1(short press) Keep minus(long press)
Balance (Left)	Left Channel Plus(short press) Keep plus(long press)
Balance (Right)	Right Channel Plus(short press) Keep minus(long press)
Prev (Bluetooth Input only)	Last song (short press)
Next (Bluetooth Input only)	Next song (short press)
Reset (Bluetooth Input only)	ResetBluetooth Pairing data (long press for 5s)

## NOTE:

1: Infrared remote control effective distance  $\geq 3\text{m}$ , 120 degrees wide Angle.

2: Balance Buttons for better stereophonic effect.

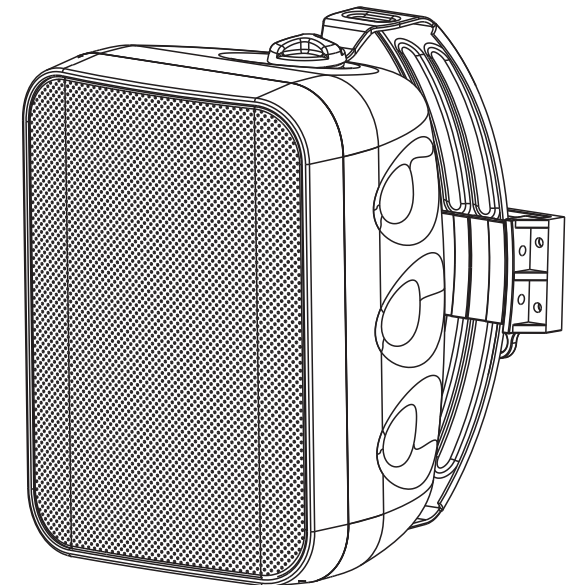
If any one channel has been increased to the maximum, the other one will be decreased.

## SPECIFICATIONS

Model	OWM-6BT
Woofer	6.5" PP Cone
Tweeter	1" Titanium Dome
RMS Power	/
Frequency Response ( $\pm 3\text{db}$ )	65Hz-20kHz
Nominal Impedance	8 $\Omega$
Sensitivity	RCA:2VRMS Bluetooth:Better than-81dBm@0.1% BER
Amplifier Power	2x30W/8 $\Omega$
Transformer	/
Product Dimensions	315x222x235mm (12.4"x8.7"x9.3")

# Outdoor and Indoor SPEAKER

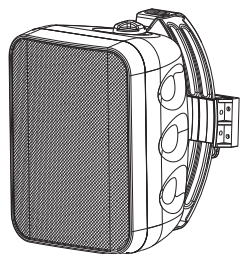
**OWM-6BT**



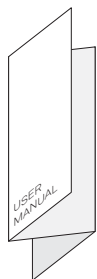
## SAFETY INSTRUCTIONS

- 1 When the speakers are installed on the walls, ensure the wall structure is reliable and that the speakers are firmly attached.
- 2 Install the speaker in a location that can structurally support the weight of the speaker and its mounting hardware. Otherwise it may result in the unit falling down and causing personal injury.
- 3 Do not use nails, adhesives or other unauthorized devices. Long-term use and vibrations may cause it to fall easily.
- 4 Do not touch or bump the woofer and tweeter. If these are damaged, the sound will be distorted.
- 5 Do not listen to sound at a very high level when you are changing the input source (for example, to tune FM / CD) Installation or removal of cables should make sure that the power amp / amplifier device radio is turned off.

## PACKING LIST

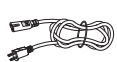


speaker



user manual

### Active version options



power cable



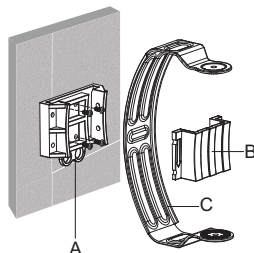
speaker wire



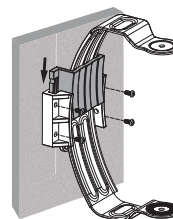
3.5mm jack to RCA

## INSTALLATION

1a. Attach A to wall by 4 screws.



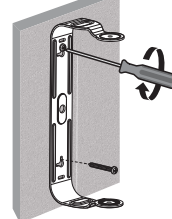
Attach C to A and slide B into A, then tighten screws.



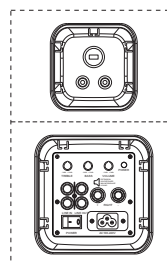
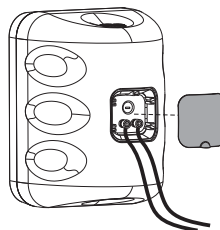
1b. Hang the bracket on the screw.



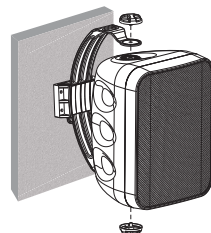
Tighten the screws until fixed.



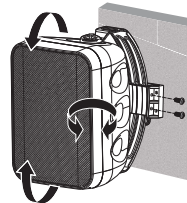
2. Wire the cable and cover the rubber.



3. Screw the two knobs.

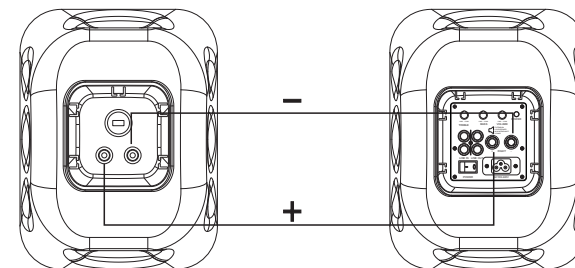


Fasten the screws after vertical and horizontal rotation.

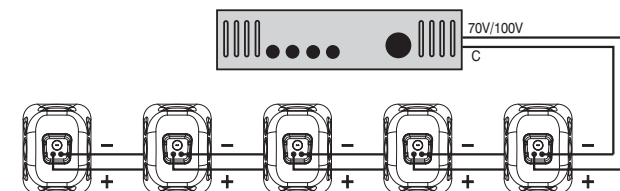


## CONNECTIONS

Example of System Configuration (OWM-6/6A/6BT)



Example of 70V/100V System Configuration (for OWM-6T)



5 SPEAKERS CONNECTED IN PARALLEL USING 16W TAPS

**NOTE:** The total number of speakers multiplied by the tap value cannot exceed the output power (in watts) of the 70V/100V amplifier. The above example shows 5 total speakers. Using the 16W taps, you will need an amplifier with at least  $(5) \times (16) = 80W$ . A good rule of thumb is to select an amplifier with 20% greater power; in this case, an amplifier that delivers about 100W.

### Underpowering VS. Overpowering

- Most speaker damage is caused by amplifiers with too little power (wattage).
- An overdriven amplifier clips the waveforms and sends distortion to the speakers.
- Clipping is usually audible; it may vary from a harsh sound to a fuzzy or unclear sound.
- If you hear this condition at loud volume levels, turn down the volume until the distortion is no longer present.
- Damage caused by operating the speakers at distorted volume levels is not covered by the warranty.

**FCC Statement :**

Any Changes or modifications not expressly approved by the party responsible for compliance 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.

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.