

Beale Street Audio

WP4V-BSC/WP6V-BSC

70 Volt/8 Ohm Pendant Speaker

Installation Guide



Get Reale. Get Beale.™

Introduction

Congratulations and thank you for purchasing Beale Basics Series speakers from Beale Street Audio!

Beale Basics On-Wall/Pendant speaker installs with ease using the provided pendant or wall mount hardware.

Please follow the instructions in this manual to assure proper installation and to achieve the full performance and satisfaction you would expect from Beale Street Audio.

Speaker Wire

Pull one run of 16-2 stranded speaker wire from the amplifier location to each speaker location OR pull one run of 16-2 stranded speaker wire to the FIRST speaker, can cascade out to the other speakers running in parallel, if being using on a constant voltage system.

If in pre-wire, while the walls are open and it's easy, pull extra wire to any location that may be desirable to add speakers later. Leave extra length of wire on each end to allow making connections and installing/removing speakers.

Features

4" On-Wall/Pendant Speaker

WP4V-BSC

- Woofer: 4" Polypropylene
- Tweeter: .75" Silk Dome
- RMS Power: 20W
- Nominal Impedance: 8 Ω
- Sensitivity: 83db
- Transformer: 70V: 8 Ohm, 1.25W, 2.5W, 5W, 10W
- Transformer: 100V: 8 Ohm, 2.5W, 5W, 10W, 20W
- Frequency Response(\pm 3dB): 120Hz-20kHz
- Indoor/Outdoor Rating: IP66
- Product Dimensions: 138mm x 190mm (5.4" x 7.5")

6.5" On-Wall/Pendant Speaker

WP6V-BSC

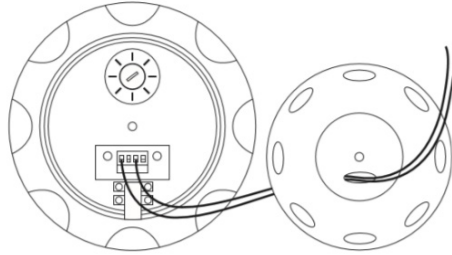
- Woofer: 6.5" Polypropylene
- Tweeter: 1" Silk Dome
- RMS Power: 40W
- Nominal Impedance: 8 Ω
- Sensitivity: 85db
- Transformer: 70V-2.5W, 5W, 10W, 20W
- Transformer 100V: -5W, 10W, 20W, 40W
- Frequency Response(\pm 3dB): 100Hz-20kHz
- Indoor/Outdoor Rating: IP66
- Product Dimensions: 208mm x 280mm (8.2" x 11")

What's Inside?

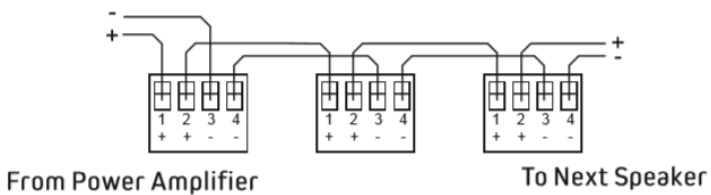
- Speaker
- Pendant Mounting Accessories
- Wall/Ceiling Mounting Accessories
- Product Manual

Installation

Choose a location for each speaker that can support the weight of the speaker.



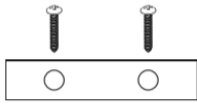
1. At each speaker location, route the speaker cable hanging from the ceiling through the top cover and dress the cables to the wire rope. Using the provided back cover, slide the speaker cables through the hole in the back cover
2. Set the tap of the speaker to the appropriate setting. See more on tap adjustments in 70V/100V Configuration
3. Strip the cable ends approximately 1/8" to 3/16"
4. Connect the wires from the amplifier or previous speaker to the supplied terminal block using the IN terminal (red is + and black is -)



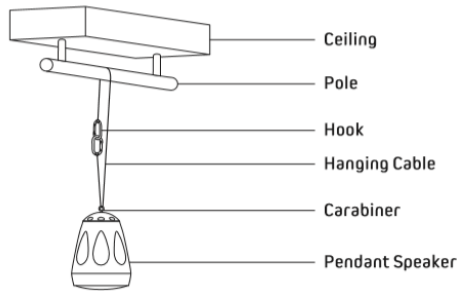
5. If mounting to the wall/ceiling with the mounting bracket, use the appropriate hardware and securely attach to the wall or ceiling

HANGING

❶ Buckle part to fix connection cable.

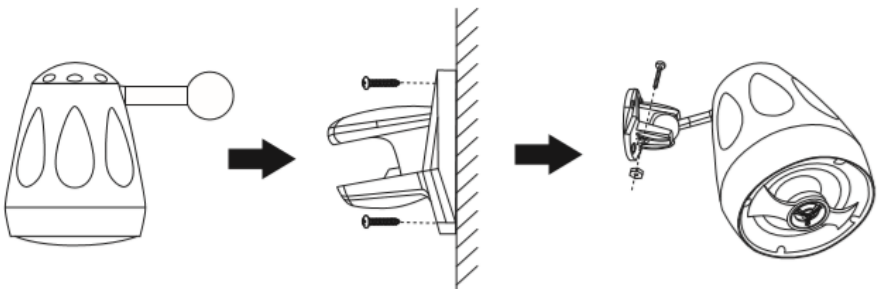


❷



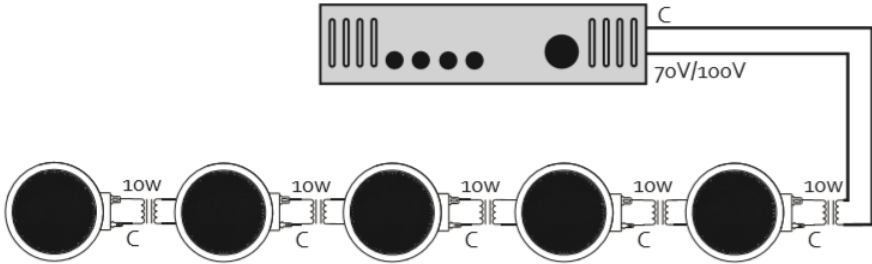
NOTE: Make sure the speaker is properly secured to the building's structure. Please use the proper screws, bolts, or anchors as failure to do so may cause the speaker to become unsecured and cause potential damages and injuries.

WALL MOUNT



NOTE: When mounting the speaker to the wall or ceiling, make sure the proper screws and/or bolts are used.

70/100V Configuration



The total number of speakers multiplied by the tap value cannot exceed the output power (in watts) of the 70V/100V amplifier. The example above shows 5 total speakers. Using the 10W taps, you will need an amplifier with at least 50W (5 speakers x 10W tap).

A good rule of thumb is to select an amplifier with 20% greater power; in this case, an amplifier that delivers about 62W.

SPEAKER TROUBLESHOOTING	
PROBLEM	SOLUTION
NO SOUND	Verify that there is audio from the source selected. Select another source if necessary.
	Ensure that the amplifier is turned on and connected properly.
	Check any connections at other devices, such as a volume control. Temporarily bypass the control if needed.
	Check wire connections at each speaker not producing sound for good contact to bare wire, not wire insulation.

Limited Lifetime Warranty

For Beale Street Audio Branded In-Wall and In-Ceiling Speakers and Subwoofers Purchased after May 1, 2017

Limited Warranty

Vanco warrants to you, the original consumer purchaser of speakers, that under proper use and conditions, and subject to the other conditions provided below, your speakers will be free from defective materials and workmanship for the life of the speakers. This warranty only applies to passive speakers. Active products, such as amplifiers, electronics, and powered subwoofers are not covered under the Lifetime Warranty. Please review the individual manual provided with each specific product for the warranty information.

What Vanco Will Do

If a speaker proves defective in either material or workmanship, Vanco, at its option, will either (a) repair and return it to you, or (b) replace and ship you a new speaker of the same model, unless your model is no longer available, in which case Vanco may replace your speaker with a current model of comparable value. In either case, Vanco will pay the shipping charge of sending you (US only) a replacement speaker or your repaired speaker. If a current model is substituted for your speaker, a modification to the mounting surface may be required. Vanco is not responsible or liable to make, account for or pay the cost of any such modification.

How To Make A Warranty Claim

The first step in making a claim under this limited warranty is to contact the Vanco authorized distributor/dealer where you purchased the speaker, or if you are unable to contact the distributor/dealer, you can contact Vanco directly, for instructions on what action to take. If it is necessary to return the speaker, it must be shipped in appropriate packaging to the destination given to you, prepaid with signature required for delivery, and be accompanied by (1) a document providing your name, address, phone number and email address, and a statement of why you believe the speaker is defective, and (2) a copy of your original receipt or bill of sale that identifies you as the original purchaser of the speaker and the authorized distributor/dealer you purchased it from ("Proof of Purchase"). You have the risk of loss or damage in transit to the destination, and therefore you are responsible for insuring the shipment for the full value of the speaker. Freight collect shipments will be refused. If Vanco determines this limited warranty does not cover your claim, your speaker will be returned to you freight collect.

Exclusions and Limitations

This limited warranty does not cover:

- > Speaker failure caused by anything other than a defect in material and workmanship.
- > Consequential damage to other components, equipment or premises regardless of the reason.
- > The cost of removing and reinstalling your speaker.
- > The cost of returning your speaker to Vanco.
- > Any claims if you are unable to provide Proof of Purchase from a Vanco authorized distributor/dealer.

Limited Lifetime Warranty (cont)

For Beale Street Audio Branded In-Wall and In-Ceiling Speakers and Subwoofers Purchased after May 1, 2017

This Limited Warranty Is Null And Void If Your Speaker:

- > Was used in an application or environment other than that for which it was intended
- > Misused, abused, improperly installed or removed
- > Damaged by any accident, disaster or other cause not related to defects in materials and workmanship.
- > You sell or otherwise transfer your speaker to any other person.
- > Was modified or repaired by anyone other than Vanco, or its serial number is altered, defaced or removed.

REPAIR OR REPLACEMENT OF YOUR SPEAKER UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. IN NO EVENT WILL VANCO BE LIABLE FOR ANY AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE SPEAKER. VANCO SHALL NOT BE LIABLE FOR ANY FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES HOWSOEVER CAUSED. THIS LIMITED WARRANTY REPRESENTS THE ENTIRE WARRANTY AGREEMENT BETWEEN YOU AND VANCO REGARDING YOUR SPEAKERS AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY, FROM STATE TO STATE. SOME STATES LIMIT WHAT WARRANTIES MAY BE EXCLUDED AS WELL AS HOW LONG AN IMPLIED WARRANTY LASTS, SO THESE LIMITATIONS MAY NOT APPLY TO YOU.

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