

# Beale Street Audio

**W5VB-BSC** 5.25" On-Wall Indoor/Outdoor Speaker

## Installation Guide



Get Reale. Get Beale.™

# Introduction

Congratulations and thank you for purchasing Beale Basics Series speakers from Beale Street Audio! Beale Basics speakers install with ease for fast, clean installations.

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

For the W5VB-BSC, pull one run of 16-2 stranded speaker wire from the amplifier location to each speaker location OR can pull one run of 16-2 stranded speaker wire to the FIRST speaker, can cascade out to the other speakers running in parallel.

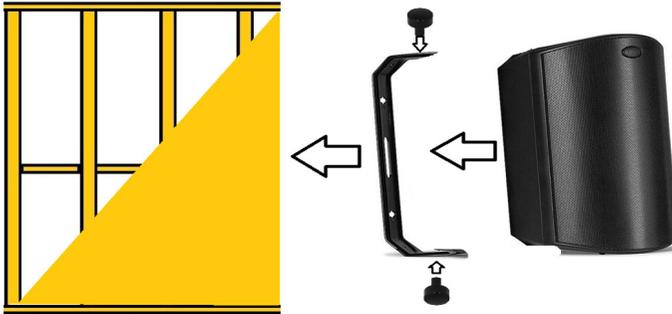
If in pre-wire, while the walls are open and it's easy, pull extra wire to any location that may be desirable to add speakers at a later date. Leave extra length of wire on each end to allow making connections and installing/removing speakers.

# Installation

1. Use the bracket to find the appropriate mounting location and position

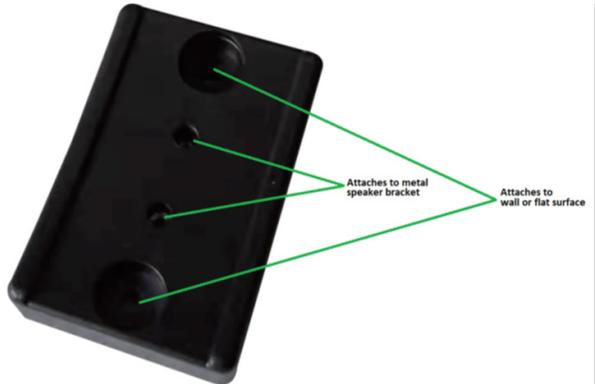
NOTE: Ensure the location is made of sufficient material to withstand the weight of the speaker. For example, wood/metal studs or other wood structures

2. Fix the bracket to the wall
3. Attach the speaker to the bracket using the provided



## Angled Mounting Bracket

The W5VB-BSC comes with an angled mounting bracket and screws to attach to the speaker. This allows the speaker to be angled as needed while being mounted and secured to a flat surface.



## Tap Dial

The tap dial on the rear of the speaker allows for setting the wattage output of the speaker if using with a 70V/100V amplifier, or sets the speaker(s) up to be used with an 8ohm amplifier.

# 70V/100V Configuration

W5VB-BSC 70/100 V



The total number of speakers multiplied by the tap value cannot exceed the output power (in watts) of the 70V/100V amplifier. The example below shows 3 total speakers. Using the 10W taps, you will need an amplifier with at least 30W (3 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 36W.

# 8ohm Connection

W5VB-BSC 8 OHM



The speaker terminals on the speaker are red on one side and black on the other. Connect to the red terminal of the amplifier to the speaker (+), and connect the black terminal of the amplifier to the speaker (-). Connect each speaker to make sure there is not inverted polarity (+ goes to -). If the polarity of the speakers is reversed, the sound will be unnatural and will play without bass.

# Specifications

## **W5VB-BSC**

- 0.75" Titanium Tweeter
- 5.25" Engineered Woven Fiber Woofer
- Frequency Response of 60Hz-20 kHz
- RMS Power Output of 50 Watts
- IP44 Outdoor Rating
- Compatible with 8 ohm and 70V/100V systems
- Dimensions: 7.9" x 7.5" x 10.6" (200mm x 195mm x 270mm)
- Weight: 4.9 lbs (2.2kg)
- Transformer-70V Taps: 5W, 10W, 20W
- Transformer-100V Taps: 2.5W, 5W, 10W, 20W

## **Package Contents:**

- W5VB-BSC Speaker
- Mounting Hardware
- Mounting Bracket
- Product Manual

# 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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