

Beale Street Audio

IW5-BSC

5.25" In-Wall Speaker

Installation Guide



Get Reale. Get Beale.™

Introduction

Congratulations and thank you for purchasing Beale Basics Series speakers from Beale Street Audio! Beale Basics In-Wall speakers install with ease using the 'dog ears' mounting system and magnetic grilles 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

Pull one run of 16AWG stranded speaker wire from the amplifier location to each speaker location. 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.

Use the chart below to determine the proper gauge of wire, based upon wire length from the amp to the speakers. If using volume controls, include the total length from the amp to the volume control and then to the speakers.

SPEAKER WIRE GAUGE TABLE	
<i>Speaker Wire Length</i>	<i>Speaker Wire Gauge</i>
150' (46mm)	16AWG
400' (122mm)	14AWG

Speaker wire must be run from the equipment or volume control location to each potential speaker location.

- Choose a location for each speaker that is free of obstructions created by joists, HVAC ductwork, electrical wire runs, plumbing or anything else that might not allow for the depth of the speaker or create interference or noise

Features

5.25" In-Wall Speaker IW5-BSC

- Woofer: 5.25" Polypropylene cone with rubber edge
- Swivel Tweeter: .75" Silk Dome
- Tweeter Attenuation: $\pm 3\text{dB}$
- RMS Power: 50W
- Nominal Impedance: 8Ω
- Sensitivity: 85dB
- Crossover Slope: 12dB/Octave
- Frequency Response: 70Hz-20kHz
- Product Dimensions: 290mm x 197mm x 84mm (11.4" x 7.8" x 3.3")
- Cutout Size: 253mm x 158mm (9.7" x 6.2")

What's Inside?

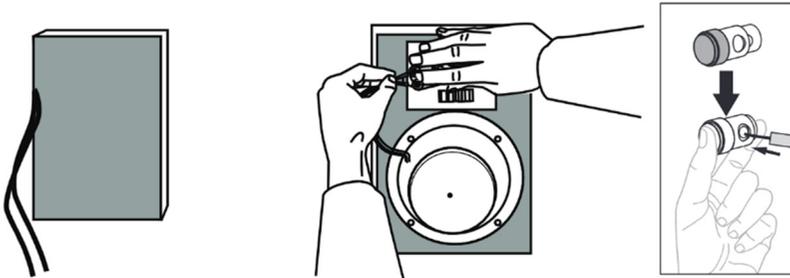
- Speaker
- Product Manual

Installation

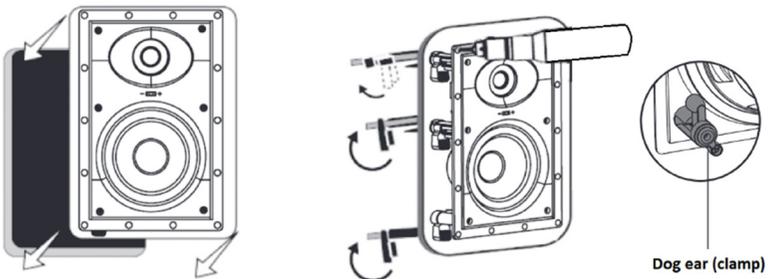
1. Use a stud finder to locate an area that is free of obstructions or studs. Position the provided cutout template where you are installing the speaker(s). Trace the template to mark out the speaker location. Drill a pilot hole and cut all the way around the outline.



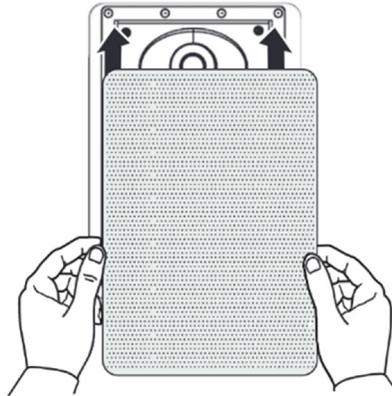
2. Pull the speaker wire out of the hole and connect to the speaker as shown



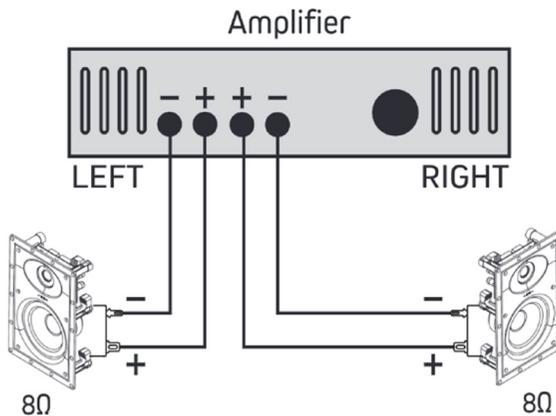
3. Place the speaker into the wall and tighten all of the dog ear screws with a Phillips screwdriver



4. Attach the grill



5. Connect the other end of the speaker wire to the amplifier, ensuring polarity is correct with Left/- of the amp terminals going to Left/- on the speaker and Right/+ on the amp going to the Right/+ terminals on the speaker



Painting

The grille may be painted, however apply as light as possible to avoid clogging the fine holes within the grille. Only paint grilles when they have been removed from the speakers and be sure to remove the cloth on the backside of the grille before painting. If the cloth is not removed for painting, it will absorb the paint and clog the grille, significantly affecting the sound...and not in a good way. (We have taken great effort to eliminate any 'color' from the sound of our speakers, so let's try to keep it that way...OK?)

Troubleshooting

Beale Street Audio speakers are designed to function trouble-free. Most problems that occur are due to simple issues. If you have trouble, please check the list of simple fixes below.

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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