

Order No. R800 0155



The Radial SB5W is a stereo direct box made to fit a standard single-gang electrical wall plate to provide the AV integrator with a simple, yet effective means of connecting an audio source such as a laptop computer, iPhone or tablet to an audio system. Because the SB5W is completely passive, no power is required. You simply connect the outputs using standard twisted pair balanced audio cable to the mic input of the PA system and you are set to go! With choice of 3.5mm mini TRS and RCA inputs, connection is easy. Simply plug in and set the level control to suit. If you are short of input channels, the SB5W is equipped with a mono-sum switch. To eliminate hum and buzz, the SB5W features transformer isolation to eliminate noise caused by ground loops. This is augmented with a recessed ground lift switch. A fully protective steel housing keeps the electronics safe while reducing electro-magnetic induction. Tie-wrap retension slots ensure the screw-down connectors remain safe and secure.

**Features**

- RCA and 3.5mm stereo inputs
- Convenient front panel volume control
- Transformer isolated eliminates noise
- 100% passive design, no power needed

**Applications**

- Easily connect mobile devices to PA system
- Works with CD players, DJ Mixers, DVD/BR players
- Stereo or mono operation modes
- Meeting room, convention center, classroom

**Cool stuff**

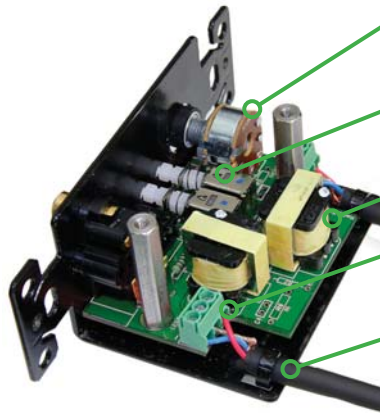
- Super easy to use, works with any audio source
- Compact design fits single gang box
- Stereo to mono summing saves mixer channels
- Contractor friendly screw terminal outputs



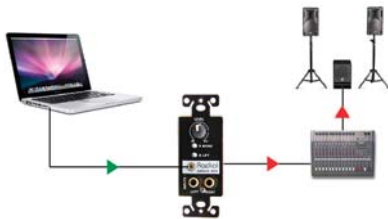
- LEVEL: Lets you adjust the volume level of your source device.
- MONO: Mixes the left and right inputs together and outputs a mono signal to the PA system.
- LIFT: Disconnects the audio ground of both channel outputs to eliminate hum and buzz created by ground loops.
- 3.5MM INPUT: Stereo mini-phone jack lets you connect mobile devices such as laptop computers, MP3 players or tablets. Plugging in here will deactivate the RCA connectors.
- RCA INPUT: A stereo pair of RCA inputs lets you connect a wide range of consumer electronics such as CD/DVD players.
- MOUNTING TABS: Heavy-duty front panel mounts in standard electrical junction boxes.



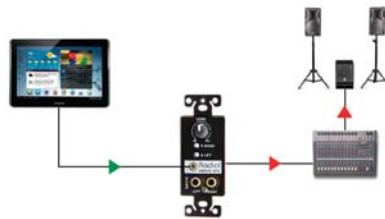
STEEL ENCLOSURE: Protects the audio circuit from electro-magnetic and radio interference.



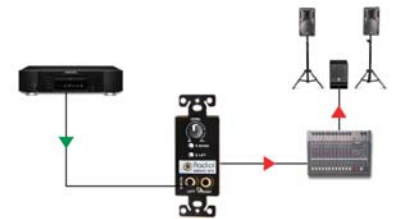
- DUAL POTENTIOMETERS: Doubled up solder points for greater durability. Steel casing with steel shaft and retention nut will not bend when under stress.
- EXTRA DURABLE SWITCHES: With metal outer casing are rated at over 20,000 cycles for added durability.
- TRANSFORMER ISOLATION: Eliminates buzz & hum caused by ground loops.
- OUTPUT TERMINALS: Balanced left and right mic-level output connections are made via two screw-down terminals.
- TIE-WRAP SLOTS: Retention slots cut in the steel frame for tie-wraps (included) help secure the cable and provide strain relief for the connectors.



**Using the SB5W with a laptop**  
Connect the mini TRS audio jack from your laptop directly to the 3.5mm input on the SB5W and it automatically converts the unbalanced signal to a low-Z balanced line to feed the PA system up to 100 meters away.



**Using the SB5W with a tablet**  
No need to convert from digital to analog! Simply connect the headphone out from your tablet or cell phone to the SB5W and let it do the work. Adjust the volume using the convenient front panel level control and sum to mono if need be.



**Using the SB5W with a CD player**  
Connect the line level output from your CD player or hi-fi using the convenient RCA jacks to feed the PA system at the far end of the room. Adjust the volume level from the source, the SB5W wall plate or the mixer channel.