

BBX8B BRG8B

Enclosure Tile Bridge



2

DESCRIPTION

The Penton Audio BBX8B enclosure and BRG8B tile bridge assist in mounting the 8" LCS and PCS Series screw-mount speaker packages in suspended ceiling applications. Both CRS and protected from rust, the enclosure uses a black powder coat while the BRG8B is galvanized.

The BBX8B has a wool/fiberglass pad to help eliminate acoustical resonances, and a flange with 8 evenly spaced holes to assist mounting of grilles and the tile bridge. Its sides allow 12 conduit connections with equally spaced knockouts - four dual 3/4", 1-1/8" knockouts, and four 5/8". A 3-1/2" strap is welded on to allow connection to structures as required by local code.

The BRG8B has three small flanges to Slide-in-Lock™ the BRG8B enclosure in place during installation. Four edge flanges and six swedged, angled ribs provide additional strength to the tile bridge.

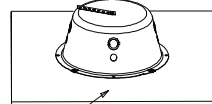
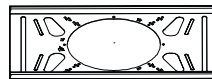
SPECIFICATIONS

- **BBX8B INTERNAL VOLUME:**
295 cubic inches
- **BBX8B KNOCKOUTS:**
Four dual 3/4" - 1-1/8"
Four 5/8"
- **DIMENSIONS, INCH:**
BBX8B: 10.0 x 8.25 x 4.5
BRG8B: 23.75 x 14.625 x 0.438
- **REQUIRED CUT-OUT DIMENSION:**
9.29" diameter
- **MATERIAL**
BBX8B: CRS Black Epoxy Coated
BRG8B: Galvanized Steel
- **NET WEIGHT LBS (KGS)**
BBX8B: 1.88 (0.85)
BRG8B: 1.70 (0.77)



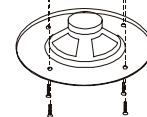
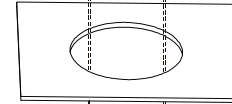
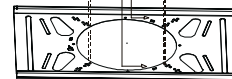
Installation Instructions

To center cut-out place Back Box in center of ceiling tile and drop the Tile Bridge over it. Align Bridge with edges of ceiling tile and remove. Mark cut-out along the outer rim of the Back Box.



Cut-out dimension.

BBX8B Back Box



1. Slide Back Box onto Tile Bridge until grooves in Box align with Tabs on Bridge. Push until Box snaps into rear lock Tab. Optional lock Tab can also be bent up and over rim of box to further enhance stability.

2. Attach speaker to assembly using enclosed screws.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS:

Enclosure shall be Penton Audio Model BBX8B or approved equal. It shall mate with screw-mount LCS, PCS and BRG8B models. It shall be made of cold-rolled steel and measure 10.0" x 8.25" x 4.25". Unit shall have a wool/fiberglass pad, earthquake strap, 12 knockouts available and have a baked-on black powder-coat enamel finish.

Tile Bridge shall be Penton Audio Model BRG8B. Unit shall mate with BBX8B enclosure and be made of galvanized steel. Unit shall measure 23.75" x 14" x 0.50".

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