

B&W
Custom Installation Information

In-Wall/Ceiling Models

BBW In-Wall Back Box

Shipping weight: 9.5Kg (21 lbs.)

Carton includes:

Two metal boxes measuring 15³/₄"H x 11⁷/₈"W x 3¹/₂"D

Four metal mounting plates 17¹/₄"H x 17¹/₄"W x 1¹/₈"D (2 x CWM 800, 2 x CWM 650)

Single page instruction diagrams

Accessory pack

Description:

The mounting plates have three elongated screw holes along two edges.

The back boxes include mineral fiber and damping tape.

There are twelve screws for each box to mount the plate.

There are cable access knockout slugs on the back and each side.

There is a metal tab inside the box to fix the cable.

There are 24 screws and five rubber grommets in the accessory pack.

BBC Ceiling Mount Back Box

As above except:

Shipping weight: 10.5Kg (23 lbs.)

Carton includes:

Four metal mounting plates: 17¹/₄" x 17¹/₄" (2 x CCM 80, 2 x CCM 65)

Instructions

Pre-construction use only in place of PMK brackets.

1. Determine which model speaker is to be used and discard the mounting plates that are not needed.
2. Affix the appropriate mounting plate to the box. (The plate flange can point inside or outside of the box. Pointing outside, the flange will require a hole to be cut in the wallboard by the sheetrocker. Pointing inside, the wallboard will obscure the box location, however, with careful measurement, the installer can blindly cut a hole.)
3. Remove the cable access knockout slug.
4. Insert the rubber grommets into the cable access hole.
5. Place the box so that the mounting plate holes are over the wall studs or ceiling joists.
6. Secure the back box assembly with the six screws.
7. Run the speaker wire into the box and fix with the metal tab.

Note: Vertical speaker mounting only. The 15³/₄" horizontal orientation of the box is 1¹/₄" too wide for mounting in construction having 16" on center studs.

Specification – In-wall Back Box

Front panel: Height: 440mm (17.32 in)
Width: 440mm (17.32 in)
Thickness: 1mm (0.04 in)
There is an additional 8mm (0.3 in) turned lip round the speaker aperture that may be turned inwards or outwards as desired for cutting and plastering.

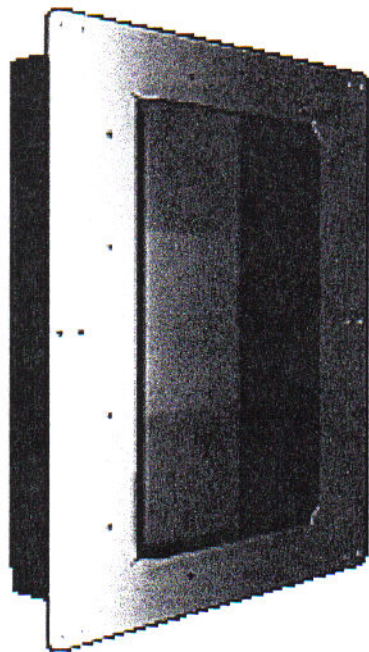
Box: Height: 400mm (15.75 in)
Width: 300mm (11.8 in)
Depth: 90mm (3.54 in)
(compare to stud/brick thickness)

Net Weight 3.3kg (7.3 lb)

Material Galvanised steel

There are two front panels provided with different size cut-outs.

Product packed in pairs.



Shipping weight: 16.8Kg (37 lbs.)

Carton includes:

One metal box 59"H x 13½"W x 3½"D

Complete Signature 8NT Installation Manual

Accessory pack

Description:

The large metal back box is fully braced and dampened.

There are threaded bracket mounting holes at each corner of the box.

There are eight fitted machine nuts for mounting the speaker frame into the box cavity.

There are cable access knockout slugs on the back and each side of the box.

The front baffle can be mounted so the speaker is at the center or toward one end.

There are brackets, hex nuts, screws, cable management, and foam tape in the accessory pack.

Instructions

Pre-construction use only in place of the PMK bracket.

1. Horizontal mounting will require appropriate pre-construction.
2. Remove the front baffle of the box.
3. Attach the mounting brackets to the box with hex nuts only finger tight.
4. Mount the box by attaching each bracket to a wall stud with the supplied screws and then fully tighten the hex nuts.
5. Remove the cable access knockout slug and fit the cable management device.
6. Run cable through the management device into the box beneath the dampening material.
7. Attach the front baffle with the cavity positioned as needed.
8. Adhere the foam tape around the front edge of the baffle cavity.

Painting the Grill and Frame

B & W in-wall and ceiling speaker models include a "mask" to help make the job of painting the frame easier. Only the CWM#200 and CCM#20 include a plastic mask that fits the frame by itself. All other models have a cardboard mask that requires a bit of tape beneath to hold it in place for painting. The tape should be attached at the center of the ceiling speaker mask for adhesion to the tweeter dispersion modifier. Do not press too hard when putting the mask in place or the tweeter could be damaged.

Do not press the paint mask into the grill. The grill must be painted apart from the frame. Remove the grill scrim cloth before painting the grill. Depending on finish color, the scrim can be replaced after painting or left off for best cosmetic effect.

Alternatively, in-wall models may be painted before the speaker baffle has been installed. At this point, it is possible to fit the frame and grill for painting without the mask. However, this method will require additional care in order to avoid marring the paint finish when pulling the grill to install the speaker baffle.

Specification – Ceiling Back Box

Front panel: Height: 440mm (17.32 in)
Width: 440mm (17.32 in)
Thickness: 1mm (0.04 in)
There is an additional 8mm (0.3 in) turned lip round the speaker aperture that may be turned inwards or outwards as desired for cutting and plastering.

Box: Height: 400mm (15.75 in)
Width: 300mm (11.8 in)
Depth: 90mm (3.54 in)
(compare to stud/brick thickness)

Net Weight 3.4kg (7.5 lb)

Material Galvanised steel

There are two front panels provided with different diameter cut-outs.

Product packed in pairs.

