



Installation Manual **BROADWAY** Beams



Congratulations on purchasing your new Hanging Beam kit from Primacoustic. Broadway Beams are high performance baffles, designed to be suspended from ceilings, to absorb excessive room echo in large, open spaces.

Please take a few minutes to read this installation manual. It will give you a list of included parts, as well as easy to follow assembly instructions and installation options.

Please refer to www.primacoustic.com for general room acoustics information and further details. Should you have any questions or comments, we invite you to send an email to info@primacoustic.com



Box Contents:

Before beginning assembly, please take a moment to familiarize yourself with the box contents.

2x

Beams

72" x 9" x 1.5" (1,828mm x 229mm x 40mm)

Actual appearance may vary, depending on finish purchased



4x

Threaded Posts



4x

Cable Endcaps (two parts)



4x

76" Aircraft Cable



4x

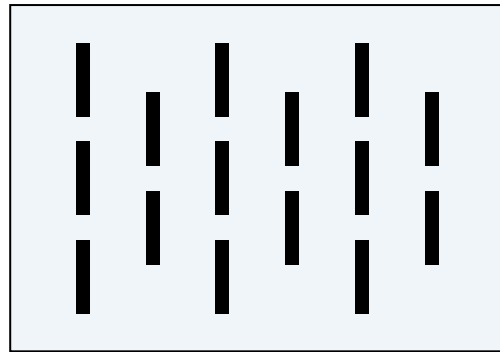
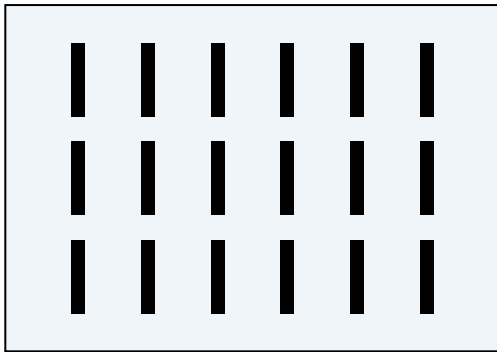
Cable Anchor Set



4x

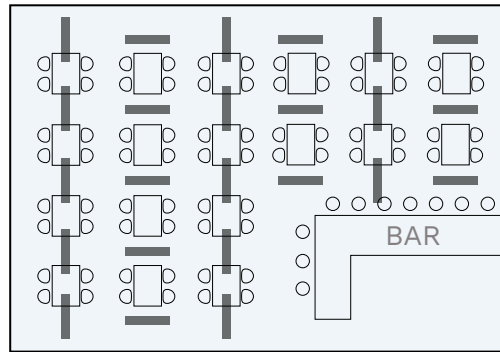
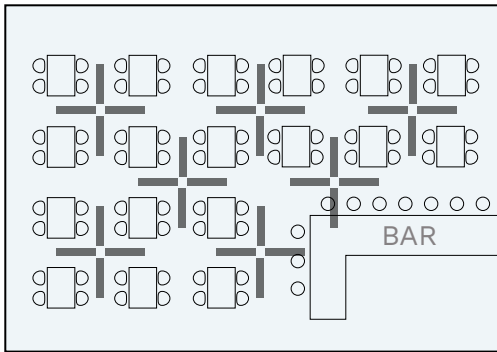
Optional Loop Attachment

Installation Guidelines



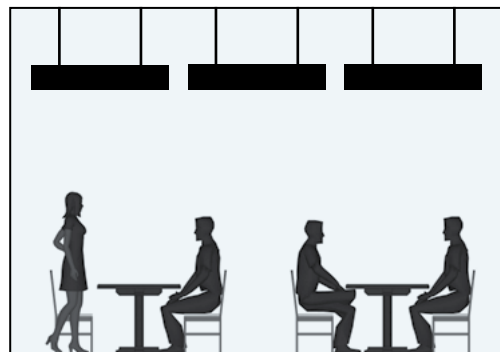
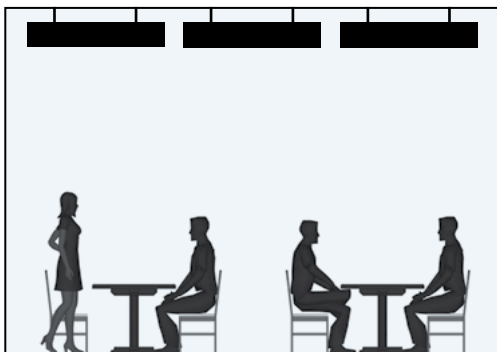
DENSITY

The number of beams in a given area will determine the rate of sound absorption. This can vary depending on room size and noise levels.



PATTERN

Spread evenly for general sound control or alternate panel direction to absorb sound waves moving in multiple directions. Using a grid like 'tic-tac-toe' layout will improve the performance as more random energy will be absorbed in the room. Notice that the Beams are suspended in both X and Y axes so that noise will be captured in both directions.



SUSPENSION HEIGHT

Leave a minimum 3" (76mm) of air space between the beam and ceiling, up to a maximum of 75" (150cm).

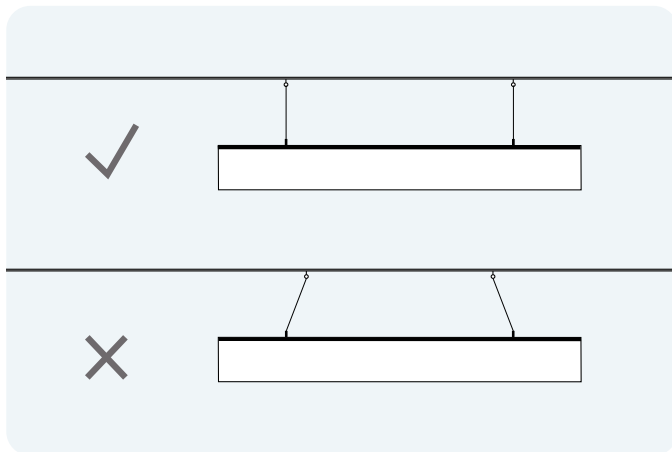
Installation

Tools & materials required:

- Measuring Tape
- Ladder/Scaffolding
- Drill 3/32" or 1/4" bit
- Screwdriver
- Hammer
- Wire Clippers

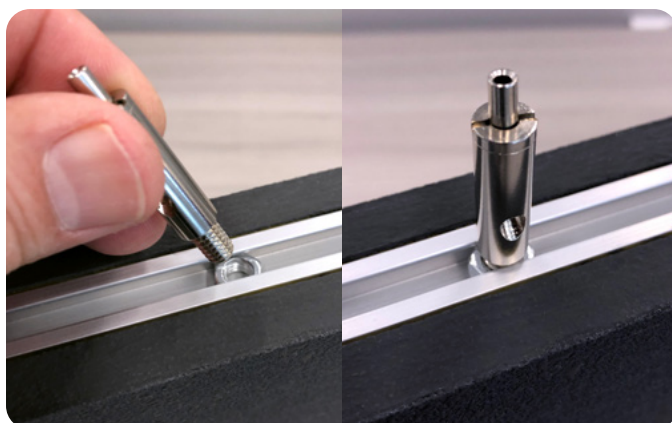
1. Ceiling Anchor Locations

Measure and mark your ceiling for suspension point locations. Pay close attention to where you want the panel to be located. This way the panel anchors will be directly below each ceiling mounting point. All cables should hang straight to create a dead hang.



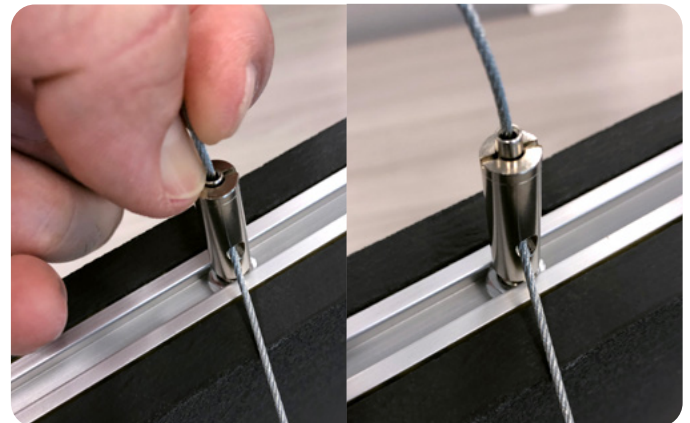
2. Attach the threaded posts

Find the two inner nuts, located in the grooved slot along the top edge of each Beam. Screw one of the threaded posts into each nut.



3. Attach the Cable to the Beam

Feed the loose end of the cable into the top of the threaded post, pushing firmly to engage the cable into the anchoring mechanism. Pull it out through the hole in the side of the post.

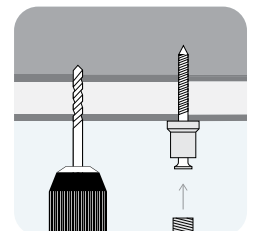


4. Installing Ceiling Anchors

Probe your ceiling to find out if there is a solid or hollow backing. Using a hammer tap a nail into each ceiling anchor location to determine the backing. Depending on the backing, choose one of the following two options:

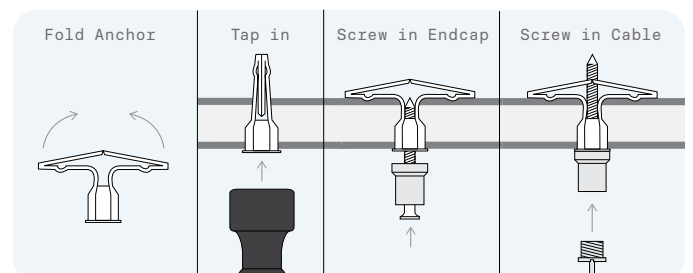
Solid Backed Ceiling

If one or more of your ceiling anchor locations is on a solid backing, such as a joist, you do not need to use the included ceiling anchors. In such a case, use a 3/32" drill bit to make a pilot hole and screw the screw and Endcap in directly.



Hollow Backed Ceiling

If the backing above your ceiling is hollow, use a 1/4" drill bit to make a hole for the butterfly anchor and follow the next steps.



Suspending the Beams from a joist

The kit contains an optional attachment used to create a secure hold when looping the suspension cables around a joist, or other load-bearing bar. Please check the maximum weight the joist can hold before suspending panels.

Thread the unterminated end of the cable through the first hole in the attachment and pull the full length of cable through. Loop the cable loosely over the beam, then thread the cable back through the second hole in the attachment. Finally pull the cable tight around the beam, and tighten the screws at either end of the attachment. Repeat for the other cables. Attach the panels, then suspend and level as shown in step 6.



5. Install The Cable Endcap

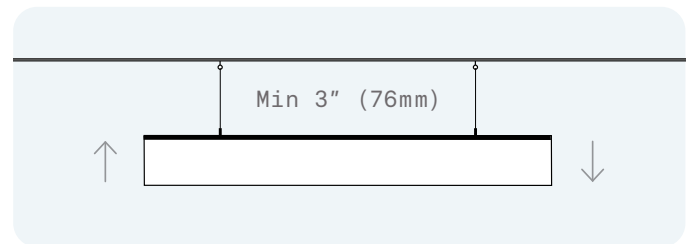
Pass the unterminated end of the cable through the threaded half of the cable endcap, and slide the endcap all the way to the terminated end. Screw the other half of the endcap into the ceiling anchor using one of the longer screws. Finally, screw the cable cap into the ceiling cap.



6. Suspend and Level the Beam

To adjust the cable length, press on the centre sleeve of the anchor to release the cable, and pull it out through the hole in the post. You may leave some excess and hide inside the channel for any adjustments in the future.

With the panel suspended, fine-tune the lengths of the cables until the panel is level. For the best acoustic performance, maintain a minimum of 3" (76mm) between beam and ceiling.



Limited Warranty

Please inspect products immediately after receiving your purchase. Primacoustic acoustic products are guaranteed to be free of manufacturing defects for a period of 3 years after purchase. In the unlikely event that a defect is uncovered, please call 604-942-1001 to obtain a RA number (Return Authorization number) from Primacoustic before the 3 year warranty period expires. Once you have obtained a RA number you must return the product, freight prepaid, within fifteen (15) days after the date the RA number is issued. Please return the product in the original packaging (or another, affording an equal degree of protection) with all of the following: (1) RA number clearly marked on the returned package; (2) a receipt or bill of sale showing proof of purchase from an authorized seller; plus (3) a letter describing the defect. Please include your name, address, telephone number and the applicable RA number. You are solely responsible for all shipping and insurance costs for returning the product to Primacoustic, and you will not be reimbursed or compensated for any loss or damage incurred during return shipping. Primacoustic will at its sole discretion repair or replace the product. Should the product no longer be available, Primacoustic reserves the right to exchange this with a product of similar performance and value. Due to different dye lots, Primacoustic cannot guarantee exact color match. This Warranty shall solely extend to the original owner and is limited to manufacturing defects and excludes damage due to improper installation, freight handling, wear and tear, abuse, misuse, misapplication, color fading or deterioration due to prolonged exposure to ultra violet light, smoke, humidity or other environmental factors. It is understood that the use and suitability of the product is entirely the responsibility of the buyer or specifying engineer and as such, these parties agree to hold Primacoustic, or its associated company, and/or officers, harmless from any responsibility whatsoever other than what is clearly outlined in this warranty.