



Installation Instructions

Stand Off Rail - Part Number SOR/S

For installation of the Promethean AB+2 Fixed

1. After the stand off rail is fastened to the wall, install the Vibration Dampener in the center of the span of the rail.
2. Remove the ¼ x 20 x 1 bolt with washer from the Vibration Dampener.
3. Install the Vibration Dampener inside the smaller channel where the two channels overlap. (Typically between the bolts used to secure the two rails together).
4. Install the removed bolt and washer through the front of the stand off rail into the threaded hole in the Vibration Dampener.
5. Adjust the nylon foot of the Vibration Dampener so that it just touches the obstruction (chalk or whiteboard surface).



Included equipment:

- 2 – Interior Channel
- 2 – Exterior Channel
- 4 – End Brackets
- 2 – Vibration Dampeners



Stand Off Rail Assembly Hardware:

- 8 – ¼" x 20 x 1" hex bolts
- 8 – ¼" Flat Washers
- 8 – ¼" kep nuts
- 4 – 3/8" x 16 x 1" hex bolts
- 8 – 3/8" Flat Washers
- 4 – 3/8" kep nuts

Promethean Board Mounting Hardware Kit:

- 8 – 10/32" x 1 screws
- 8 – #10 Flat Washers
- 8 – 10/32" kep nuts

Promethean AB+2 Mounting Hardware Kit:

- 6 – 3/8" x 16 x 1" hex bolts
- 8 – 3/8" Flat Washers
- 6 – 3/8" kep nuts
- 2 – ¼" x 20 x 1" hex bolts
- 2 – ¼" Flat Washers
- 2 – ¼" kep nuts

The following additional interactive whiteboard related products are available:

Extra Deep Rail Kit – accommodates up to 7" chalk tray	SOR/DEEP
Extra Long Stand Off Rail – accommodates obstructions taller than 67 ½"	SOR/LONG

Please Note: Hardware for installation onto wall surfaces is not included, and must be purchased by the customer depending on the installation application. Quantity 16 screws/bolts are required for each board mount to be installed.

Board Mount Assembly instructions:

1. Place the interior channel inside the exterior channel, and slide the channel to allow both ends to protrude over the top and bottom of the wall obstruction. Allow space above and below the obstruction for the end bracket to secure to the walls.
2. Insert two 3/8" x 16 x 1" hex bolts with flat washers on both sides of the channel through the front of the joined channel. . Install the bolts where the interior and exterior channels meet, as shown. Install keep nuts on opposite side and tighten. It is important that the bolts are installed at the furthestmost holes from the channel joint to allow for maximum stability of the bracket. The maximum distance the mount can be extended is 67 1/2 inches. This allows for two bolts to secure the interior and exterior channels together.



3. Install the end brackets. Brackets can be installed facing towards the assembled channels, or away from the assembled channels (as shown),



depending on the installation environment. Install 1/4 x 20 x 1 hex bolts with washer through the slotted side of the 4" angle bracket. Then install the angle bracket to the end of the channel and install keep nut on side of the foot pad (Shown below). Two bolts should be installed in each end bracket. End brackets can be adjusted in or out depending on depth of chalk tray from 1 3/4" to 4". (An optional extension kit can be purchased to increase the depth of the bracket to 7" for more protruding obstructions)

**Installation on wall:**

Install the board mount to the wall with the interior channel up and the exterior channel towards the floor.

- a) For installation on plywood or drywall with wood studs– Ensure that at least one set of holes in each end brackets are aligned with the stud and that bolts are secured to the stud. Recommended hardware: 1/4" x 3 wood lag bolts and 1/4" flat washers. Place the board mount in the necessary position over the obstruction, locate the studs, and secure the mount to the studs with the lag bolts and washers.
- b) For installation on drywall or plywood with metal studs – Ensure that at least one set of holes in each end brackets are aligned with the stud and that bolts are secured to the stud. To secure the board mount to the stud, we recommend either Toggler brand SnapToggle™ size 1/4"-20, or 1/4"-20 spring loaded wall toggle. These toggles must be fastened to



Snap-Toggle

the metal stud. As required by SnapToggle, drill a 1/2" hole through the metal stud for each bracket hole, insert and secure 4 SnapToggles, hold the board mount in place, and install 1/4"-20 x 2" screws to the toggle through the end bracket.

- c) For installation on block – Mark the hole template on the wall for all end brackets. Using a masonry bit or a hammer drill, drill holes for 1/4" x 1 3/4" concrete anchors. Then fill each hole with block adhesive. Hold the board mount in place and install concrete anchors.