

Accessory Equipment Rail

Tools Required

- Laser Level
- Drill/Driver with Drill Bits
- Electric Miter Saw w Aluminum Cutting blade
- **Hardware not included**
- Tape Measure

Installation

1. Locate the wall substructure along the length of targeted application area. For proper wall attachment to the wall, fasteners must tie directly into the substructure of the wall (studs, block, solid masonry).

Figure A



Note: Kimball International defines a structural wall as a load-bearing wall constructed of materials such as: poured concrete, concrete block, or studs. Wood studs must be a nominal 2" x 4" size minimum. Metal studs must be "C" channel, 20-gauge thick minimum. Metal or wood studs must be on centers no greater than 24" and have maximum height of 14' restrained at floor and ceiling. Interior walls shall be designed to resist not less than a force of 5 lbs. per square foot applied perpendicular to wall. The deflection of such walls under a load of 5 lbs. per square foot shall not exceed 1/240 of the span for walls with brittle finishes, and 1/120 of the span for walls with flexible finishes (per Uniform Building Code Section 2309b). If you have any questions concerning your load-bearing structures, please consult your architect or structural engineer.

Stud mount

2. Prepare wall for Accessory Equipment Rail attachment. Position and level on the wall at the desired height. Mark location on the wall.
3. Align holes in rail with wall studs. Accessory Equipment Rail is pre-drilled on 16" centers. May be field drilled to accommodate specific job site conditions.
4. Fasten securely through the rail, drywall into the studs. To Ensure a tight fit. Figure A
5. Insert inlay strip into grooves, secure end caps.

Note: It is the responsibility of the installer and/or the contractor to select and install the proper fasteners in the structural wall. Kimball International does not furnish fasteners or assume liability for their use.

Drywall Mount WITH Backing (metal or wood)

Follow Drywall Mount instructions to securely mount the rail to the wall. For sheet metal backing use sheet metal screws. For wood backing use wood screws.

Note: Caps add 1/2" to the over all length. Rails can be cut to fit tight spaces if needed.

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Drywall Mount WITHOUT Backing

1. Position and level on the wall at the desired height. Mark location on the wall.
2. Mark through each of the pre-drilled holes in the rail onto the wall.
3. Remove the rail and securely install 1/4" toggle-type wall anchors in the locations marked.
4. Realign the rail holes with the installed anchors. Tightly secure the rail to the wall. Ensure a tight fit between rail and wall. Figure B
5. Insert inlay strip into grooves and secure end caps.

Figure B



Suggested Fasteners	Size	Model #
Steel Stud (for 1/2" to 3/4" drywall): Hilti® Toggler® anchor toggle bolt	1/4"-20 x 2" grade 5 bolt	374494
Wood Stud (for 1/4" to 1/2" drywall; meets or exceeds ANSI/ASME B18.6.4 and SAE J933): Hex Lag Screw (Worksurface or Overhead Mount) Panhead sheet metal screw	1/4"-2	10-2 PHPMS
Solid Masonry: Crown Bolt lag shields Buildex Tapcon concrete anchor screw	1/4" x 1 1/2" 1/4" x 2 3/4"	24385
Masonry Block: Hilti Toggler anchor toggle bolt grade 5 bolt	1/4"-20 x 2"	374494
Crown Bolt lag shields Buildex Tapcon concrete anchor screw	1/4" x 1 1/2" 1/4" x 2 3/4"	24385
Attaching to Kore cart & Perks Floor Screens: Panhead coarse thread wood screws	8-3/4"	PHPWS