OnSite™ Wall Mount Bracket
Model WMB-7U

1. OVERVIEW

The WMB-7U Wall Mount Bracket enables network and telecommunications devices to be mounted flush to a wall thereby minimizing the depth requirements typically associated with free standing or wall-mounted racks. The WMB-7U supports up to 7 rack units of equipment. (Figure 1).

Document Status

The figures in this document have been updated.

Product Features

- Provides 7U of racking space
- Allows horizontal or vertical orientation for optimal equipment access
- Heavy-duty 12 gauge steel

2. APPLICATIONS

The WMB-7U is typically used in small equipment rooms or closets where there may be inadequate space for floor or wall mounted racks. The WMB-7U minimizes the space required by enabling up to 7U of equipment to be mounted flush to a wall.

3. DESCRIPTION

The WMB-7U is a 19" steel rack that provides 7U of racking space. It may be mounted horizontally or vertically on a backboard.

4. INSTALLATION

The shipping carton for the WMB-7U contains the following:
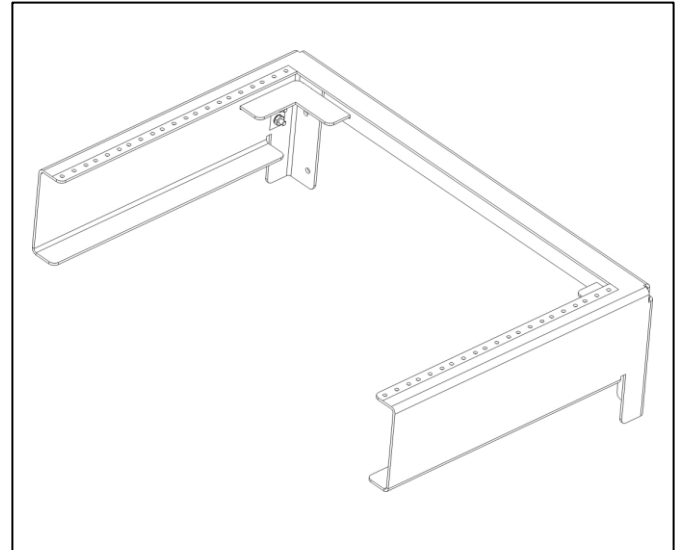

Figure 1. WMB-7U

- One (1) bracket
- Ten (10) #12 x 1" slotted hex screws, self-tapping
- Two (2) #10-32 hex nuts (attached)

Installation steps are described in detail below.

A. Mounting the WMB-7U to a backboard

① Select an appropriate location to install the WMB-7U ensuring adequate area for the equipment to be placed on the rack. Mounting to a 3/4" thick backboard with the included hardware ensures that the combined weight of the WMB-7U and equipment can be supported.

② Determine the desired orientation. Use the appropriate figure, Figure 2 or Figure 3 for the remaining installation steps.

③ Using the WMB-7U as a template, mark the two locations identified as Ⓐ in Figures 2 or 3. These locations are 18" apart and in-line. Drill two 9/64" pilot holes.

④ Hold the back of the bracket firmly against the mounting surface mating the pilot holes with the locations marked as Ⓐ in Figure 2 or 3. Install two of the included 1" wood screws.

⑤ Drill eight additional 9/64" pilot holes at the other mounting locations shown in Figure 2 or 3 and install the remaining eight 1" wood screws.
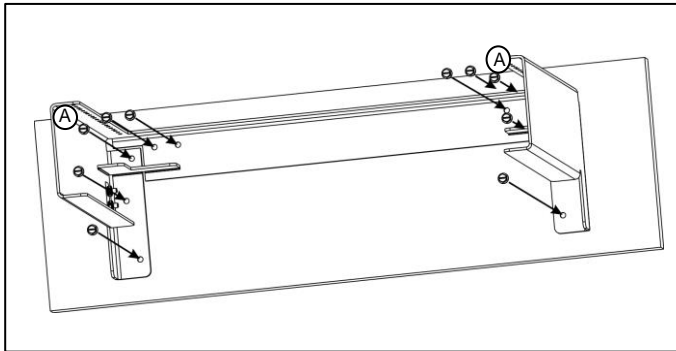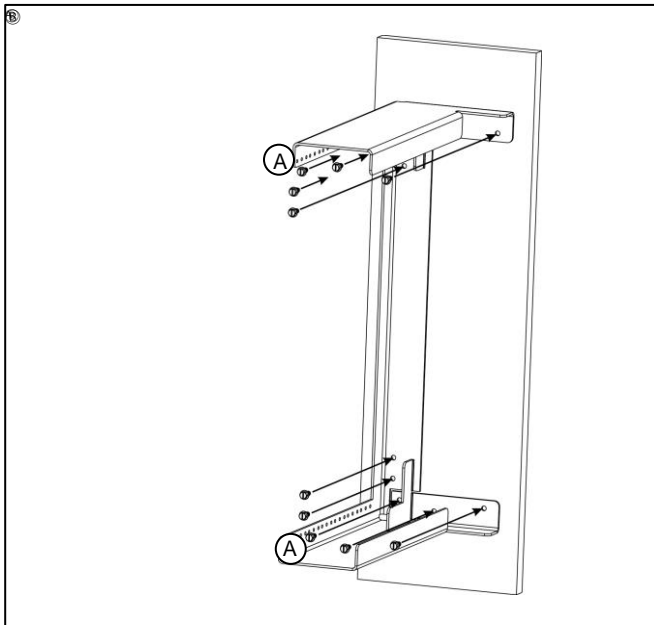

Figure 2. Horizontal mounting on backboard

Figure 3. Vertical mounting on backboard

B. Grounding

① Locate the pair of threaded posts for grounding on the WMB-7U (Figure 4). The grounding posts are 10-32 x 3/8" on 5/8" centers.

② Install a dual ground lug with holes on 5/8" centers (customer provided) to the studs and secure with two #10-32 hex nuts provided.

③ Connect a ground wire of appropriate gauge to the ground lug and attach the other end of the wire to a bonded ground point, per local procedures for network equipment.
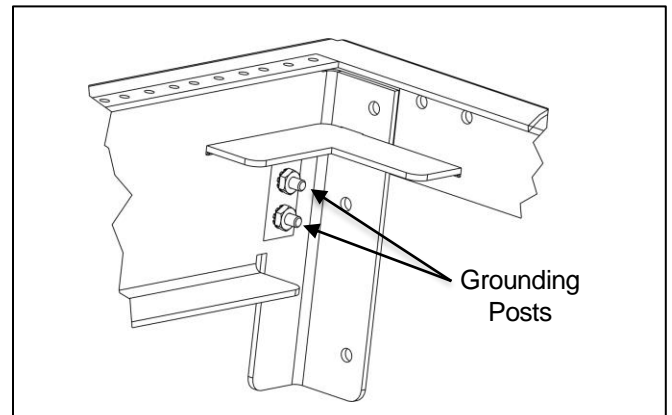

Figure 4. Grounding posts

C. Installing Equipment

When installing equipment onto the WMB-7U, it is recommended that the heaviest equipment be placed closest to the wall.

5. CUSTOMER SERVICE

If technical or customer assistance is required, please contact Enginuity at the following:

Customer Service	1-800-980-3266 customer.service@enginuitycom.com
Technical Support	1-800-841-1005 support@enginuitycom.com
Enginuity Communications 3545 Stern Avenue St. Charles, Illinois 60174 www.enginuitycom.com	

6. SPECIFICATIONS

WMB-7U	Size (H x W x D)	5.9" x 20.2" x 13.7"
	Weight	7.3 pounds
	Capacity	100 pounds