



WEBS-RETRO-MT Installation Instructions

I. Introduction

The **WEBS-RETRO-MT** is a kit that converts an existing ETP-MT Tower to a WEBS®-capable Mass Notification Unit. This instruction manual assumes that a fully functional ETP-MT Tower has already been installed.

II. Contents

Before beginning installation, make sure you have all the included components. Each kit consists of two packages. Package #1, labeled WEBS-RETRO-MT contains the painted WEBS® retrofit tower top. Package #2, labeled WEBS-RETRO-KIT contains the following:

QTY	Part Number	Description
4	83073	WEBS® Loudspeaker
2	24651	Amplifier Mounting Bracket
2	NA	Paging Amplifier
2	NA	2' Extension wire for WEBS® loudspeakers
3	42841	10-24 x 3/4" pan head tamperproof screw
2	42839	3/4"-10 hex nut
8	42840	3/4" washer
4	42847	10-24 Hex nuts for Amplifier Bracket

III. Installation

(A) Installing the Retrofit Tower Top

- 1) Unplug the strobe light from the power supply and the emergency phone.
- 2) Take off the strobe light attached to the top of the tower by unfastening the three 10-24 x 3/4" pan head tamperproof screws and keep them safely aside.
- 3) Remove the cap plate of the retrofit tower top and fasten the unit to the top of the tower with the help of the three 10-24 x 3/4" pan head tamperproof screws provided.
- 4) Install the four WEBS® loudspeakers by locking each down with the retainer bracket starting with the bottommost speakers first (see Figure 1).
- 5) Fasten the strobe light to the top of the cap plate of the WEBS® Speaker Unit with the three 10-24 x 3/4" pan head tamperproof screws that were kept aside.
- 6) Pass the speaker and strobe light wiring through the center hole at the bottom of the retrofit top and down to the bottom of the tower.
- 7) Close the top of the retrofit tower top with its cap plate and reconnect the strobe light wiring to the emergency phone and to its power source.

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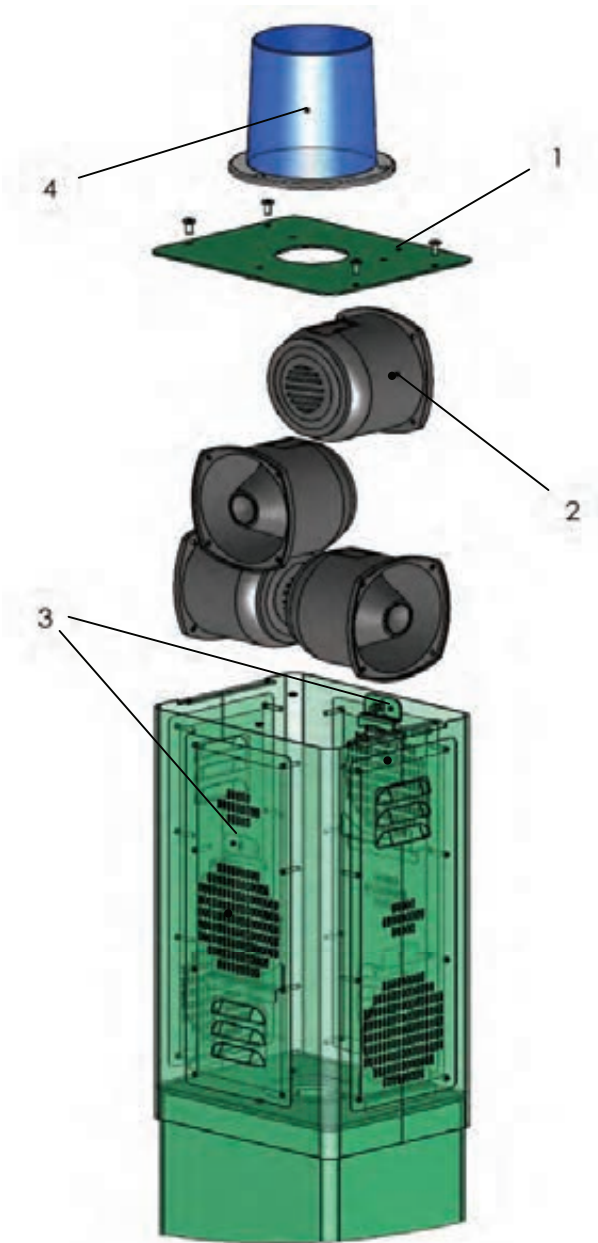


Figure 1. Installing the WEBS® Retrofit Tower Top: (1) Cap, (2) Loudspeaker, (3) Retainer Bracket, (4) Blue Light/Strobe

(B) Installing the Amplifiers

- 1) Remove the rear access panel from the ETP-MT Tower.
- 2) Fasten the amplifiers on to the mounting plates with the hex nuts provided.
- 3) Connect two WEBS® loudspeakers to each extension wire using the plug-in connectors. Connect the other end of the cables to each of the amplifiers using the **COM** and **25V** screw terminals (it does not matter which wire goes to which screw terminal).

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- 4) Place a washer along with the amplifier mounting bracket on the desired anchor bolt. After adjusting the mounting plate with the help of the obround slotted hole, fasten the plate to the anchor bolt with another washer and hex nut (see Figure 2).

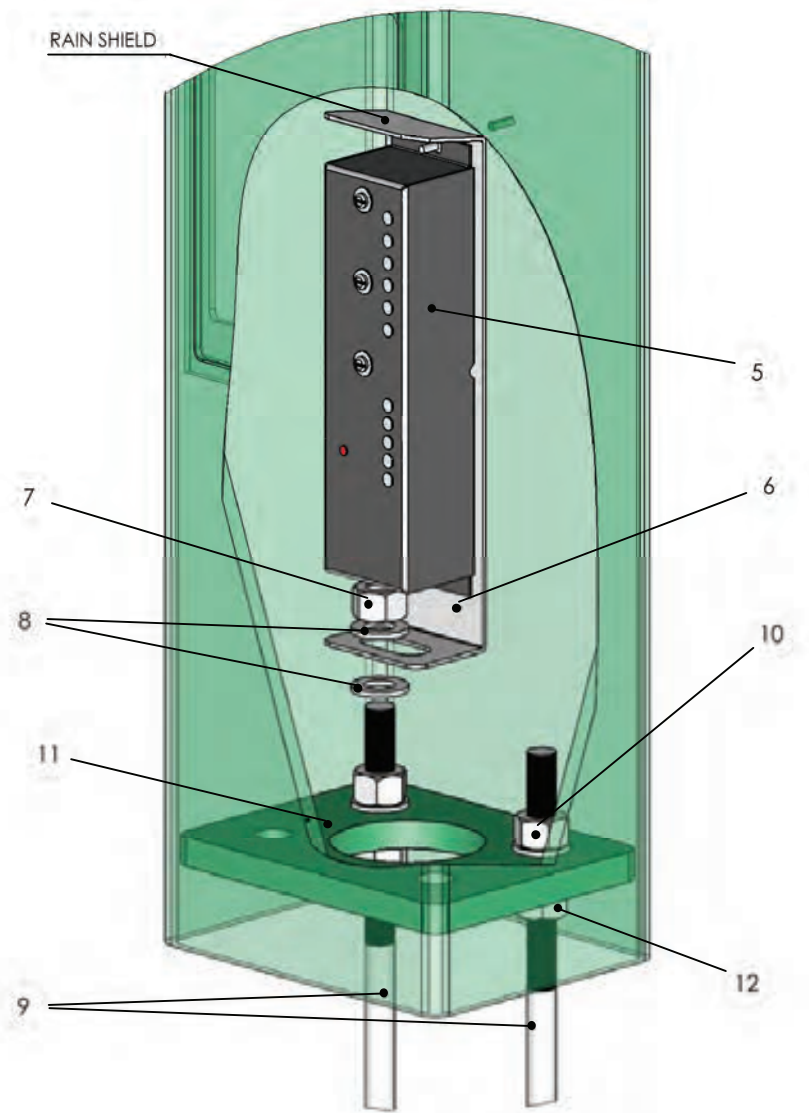


Figure 2. Installing the Paging Amplifier: (5) Paging Amplifier, (6) Amplifier Mounting Bracket, (7) 3/4"-10 hex nut, (8) 3/4" washer, (9) Anchor bolts, (10) 3/4"-10 hex nut for tightening anchor bolts (11) Base plate of tower, (12) 3/4"-10 hex nut for leveling anchor bolts

NOTE: Depending on the length of threading available on the anchor bolt, you may need to use the additional washers provided to elevate the amplifier mounting bracket so that the anchor bolt does not interfere with the amplifier. If there is not enough threading available to install as shown above, either do not use the additional washers, or remove the existing nut and washer and mount directly above the tower base plate.

Because this kit is being added to existing towers, installers may find conduit, electrical boxes and other objects obstructing the area above the anchor bolts where the amplifier brackets mount. These brackets can be installed on any 2 of the 4 anchor bolts—if you find that it is not possible to fit the brackets in the towers due to specifics of your existing installation, please call Talk-A-Phone technical support for help.

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- 5) Repeat steps 3 and 4 to install the second amplifier with mounting bracket to a second anchor bolt of the ETP-MT Tower.

NOTE: Although the amplifier mounting brackets have rain shields, it is the installer's obligation to ensure that proper drip loops are created with the help of the extension wire, in order to prevent condensation from damaging the amplifiers.

- 6) Connect the power supply for the paging amplifier, blue light/strobe and any optional devices (e.g. VOIP-CM-1.)
- 7) Use the **PAGE VOL** screwdriver-adjustable control on the paging amplifier to adjust the volume of the page output. Rotate the control clockwise to increase the volume and counterclockwise to decrease the volume.
- 8) Reattach the rear access panel.

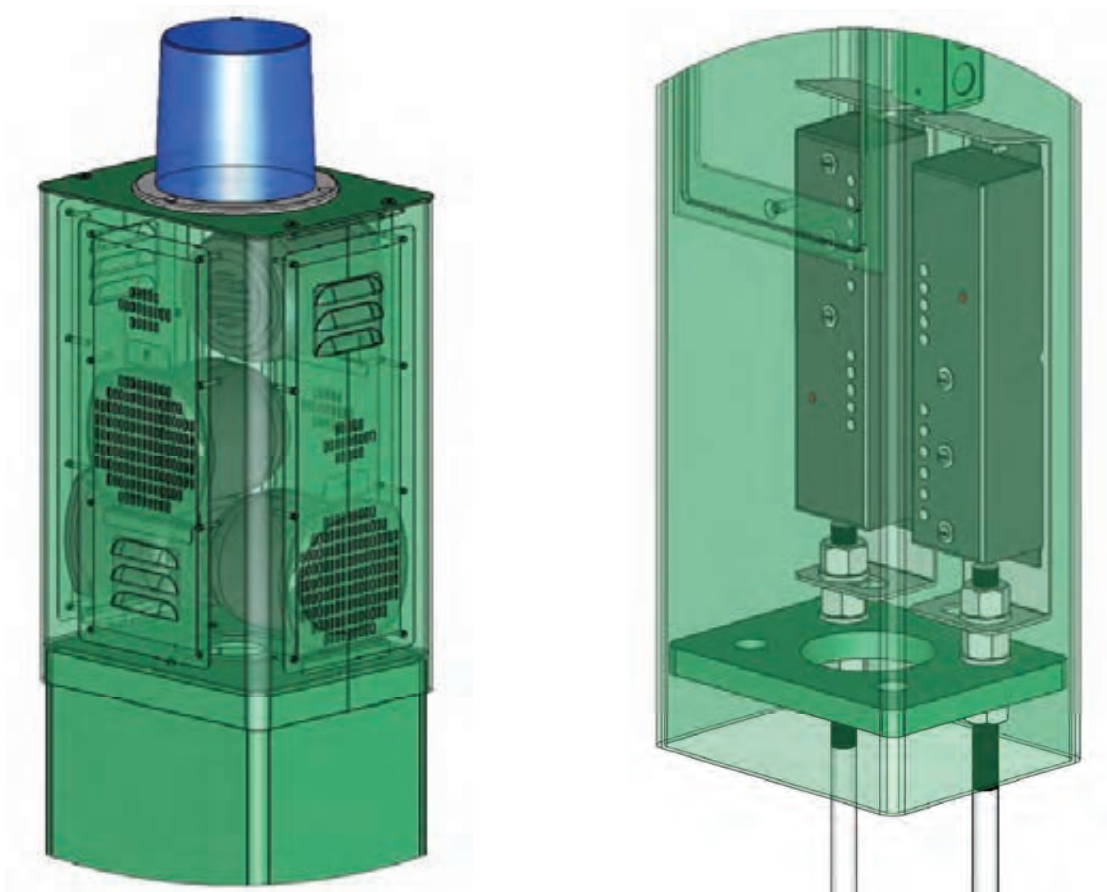


Figure 3. Fully assembled WEBS-RETRO-MT showing Retrofit Tower Top and Paging Amplifier kit (wiring not shown)