

WEBS-RETRO-MTR Installation Instructions

I. Introduction

The **WEBS-RETRO-MTR** is a kit that converts an existing **ETP-MT/R** Tower to WEBS®-capable Mass Notification Unit. This instruction manual assumes that a fully functional **ETP-MT/R** 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-MTR** contains the painted WEBS® retrofit tower top. Package #2, labeled **WEBS-RETRO-KIT** contains the following:

QTY	Part Number	Description
4	83075	WEBS® Loudspeaker
2	24682	Amplifier Mounting Bracket
2	WEBS-AMP-2	Paging Amplifier
2	86396	Power Supply, 12VDC, 5 Amp
2	42839	3/4"-10 hex nut
8	42840	3/4" washer
3	42902	10-24 x 1-1/2" pan head phillips screw



Make sure all wiring inside the tower is disconnected from the power source before attempting any further installation.

III. Installation

(A) *Installing the Retrofit Tower Top (figure 1).*

- 1) Remove and discard the cap plate of the **ETP-MT/R** tower top by unfastening two 1-4-20 x 3/4" pan head tamperproof screws.
- 2) Detach the Blue Light from the top of the tower by unfastening the three 10-24 x 3/4" pan head tamperproof screws (keep the Blue Light inside the polycarbonate enclosure).
- 3) Place four WEBS® loudspeakers into the Retrofit Tower Top resting on the bottom and feed the speaker wiring through the bottom.
- 4) Raise the Retrofit Tower Top to the top of the tower and pass the WEBS® loudspeakers wiring through the center hole of the Blue Light Mounting Plate and down to the bottom of the tower; attach the cabling with the wiring clamps to the side of the **ETP-MT/R** tower's polycarbonate top.
- 5) Attach the supplied stand-off bracket to the bottom of the Blue Light and fasten them to the Blue Light Mounting Plate with three 10-24 x 1-1/2" pan head phillips screws provided.
- 6) Fasten the Retrofit Tower Top to the top of the tower with the help of the two 1/4-20 x 3/4" pan head tamperproof screws.
- 7) Install the four WEBS® loudspeakers to the Retrofit Tower Top by locking each down with the retainer bracket starting with the bottommost speakers first.

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- 8) Close the top of the retrofit tower top with its cap plate.

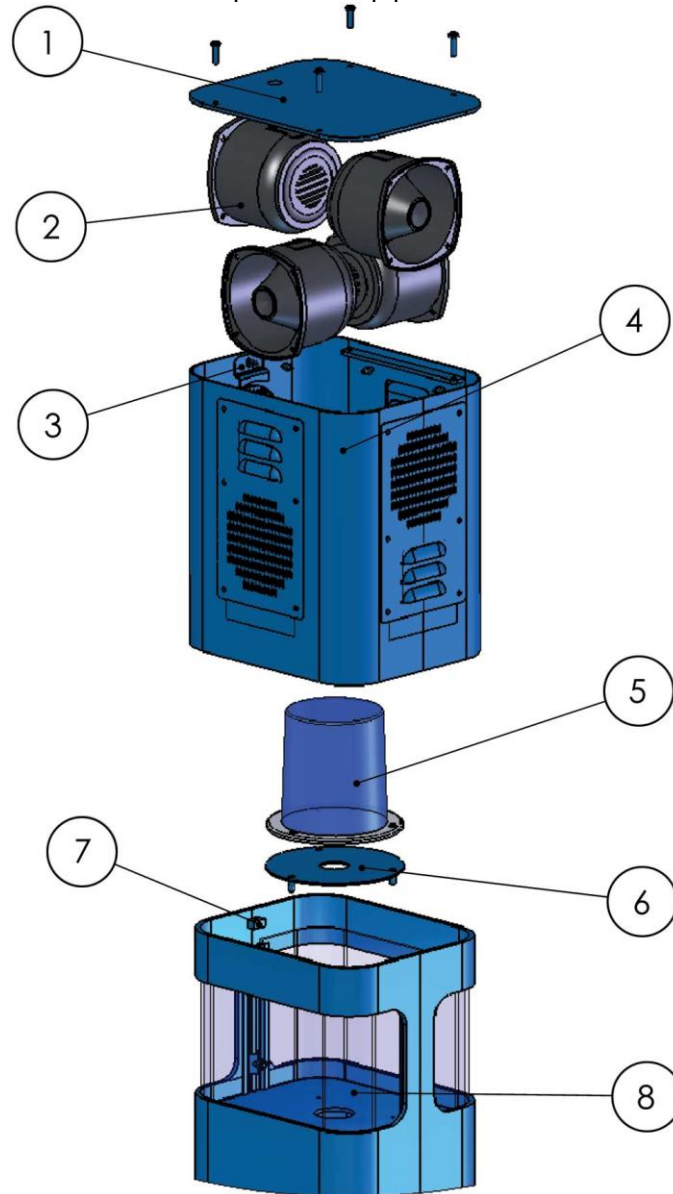


Figure 1. Installing the WEBS® Retrofit Tower Top: (1) Cap, (2) Loudspeaker, (3) Retainer Bracket, (4) Retrofit Tower Top, (5) Blue Light, (6) Stand-off Bracket, (7) Wiring Clamp, (8) Blue Light Mounting Plate.

(B) Installing Amplifiers (figure 2).

- 1) Remove the rear access panel from the **ETP-MT/R** Tower.
- 2) Each amplifier connects to two (2) speakers. Connect speaker output cable#1 (white and white/black) from the amplifier to the speaker and output cable#2 (gray and gray/black) to the other speaker.
- 3) Place a washer along with the amplifier mounting bracket on the desired anchor bolt. After adjusting the mounting plate with the help of the slotted hole, fasten the plate to the anchor bolt with another washer and hex nut.

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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 assistance.

- 4) Repeat steps 3 and 4 to install the second amplifier/power supply with a mounting bracket to the second anchor bolt of an **ETP-MT/R** Tower.



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.

- 5) Connect the line-level audio input cable (red and black cable with gray jacket) to the line-level audio output source (**WEBS-CM-2** communications module or **VOIP-500 Series** Phone).
- 6) Connect the Trigger cable (blue and orange) to any of the auxiliary outputs provided on the **WEBS-CM-2** communications module or the **VOIP-500 Series** Phone.
- 7) Connect the power supplies (2) on the mounting bracket (blue and brown cable) to a power source (100-240VAC).
- 8) Use the volume control knob on the mounting bracket to adjust the volume of the page output. Rotate the knob clockwise to increase the volume and counterclockwise to decrease the volume.
- 9) Reattach the rear access panel.

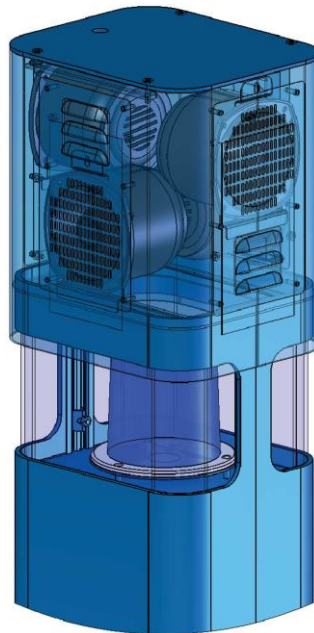


Figure 3. Fully assembled WEBS-RETRO-MT/R showing Retrofit Tower Top

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