![Talk A Phone logo](Creating Communications Solutions)

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	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) 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.

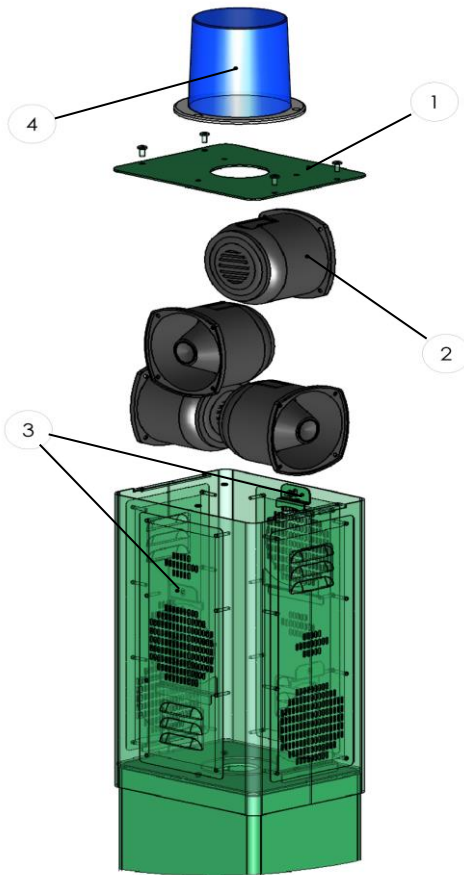# WEBS-RETRO-MT Installation Instructions

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

(B) Installing Amplifiers

1) Remove the rear access panel from the **ETP-MT** 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.

> 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** Tower.

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⚠️ 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.
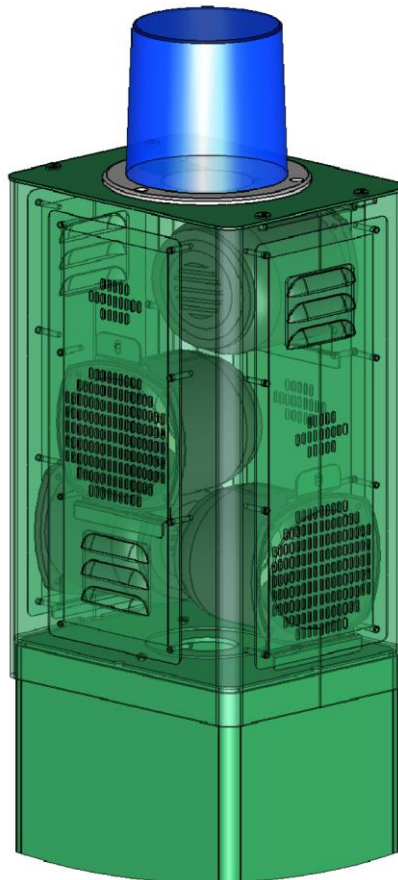
9) Reattach the rear access panel.

Figure 2. Fully assembled WEBS-RETRO-MT showing Retrofit Tower Top