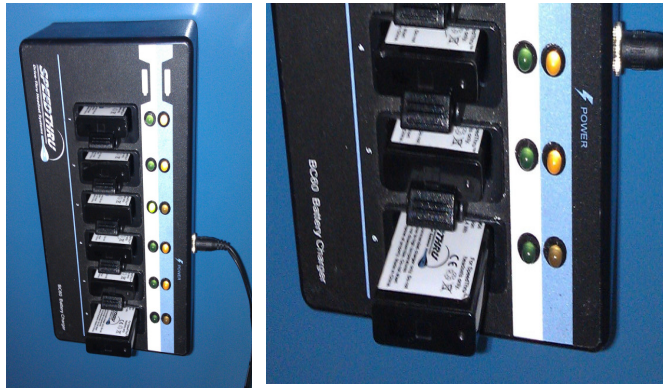


SpeedThru Installation Guide

Charge Batteries First – label up, amber light--*charging*, green--*fully charged*. You may use them before they are fully charged.

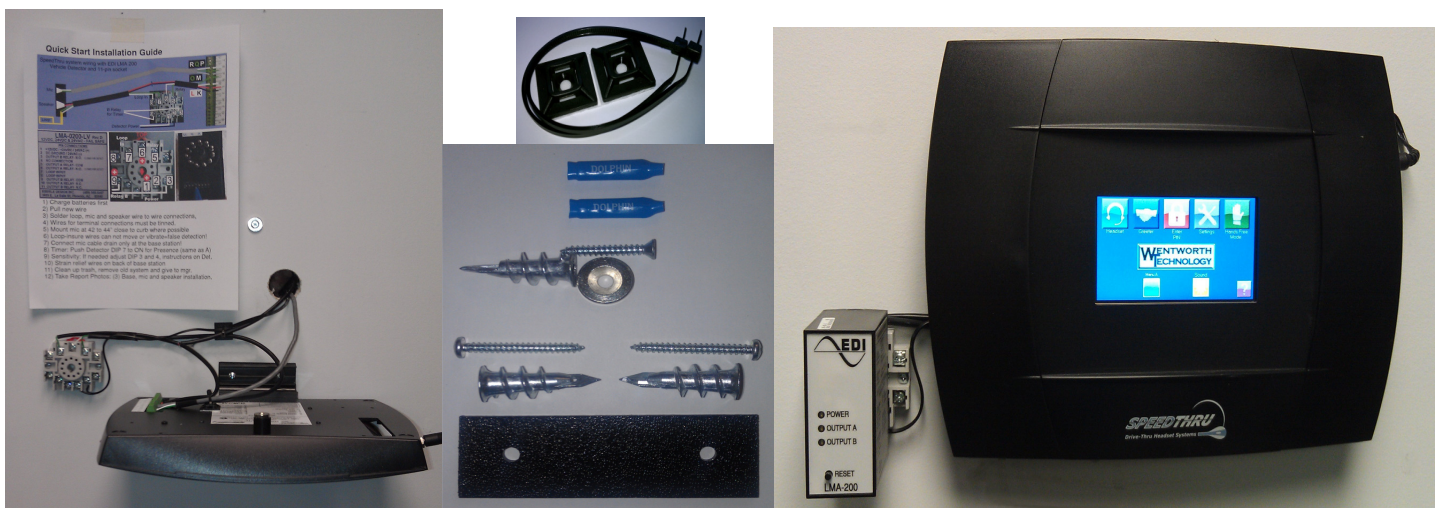


Pull Cable – Old wire is brittle and will fail! Don't shortcut this step. One Gray spool (for the microphone) and one Black spool (for the loop and speaker) is included.

Choose Base Station location – Power up the base, load a battery in a headset and walk around the restaurant to insure you have good coverage of all areas, inside and outside. Stay away from metal when mounting the base, even metal junction boxes inside the wall—metal blocks radio waves. Refer to the laminated **Quick Start Guide** for instructions on installing batteries in the headsets.

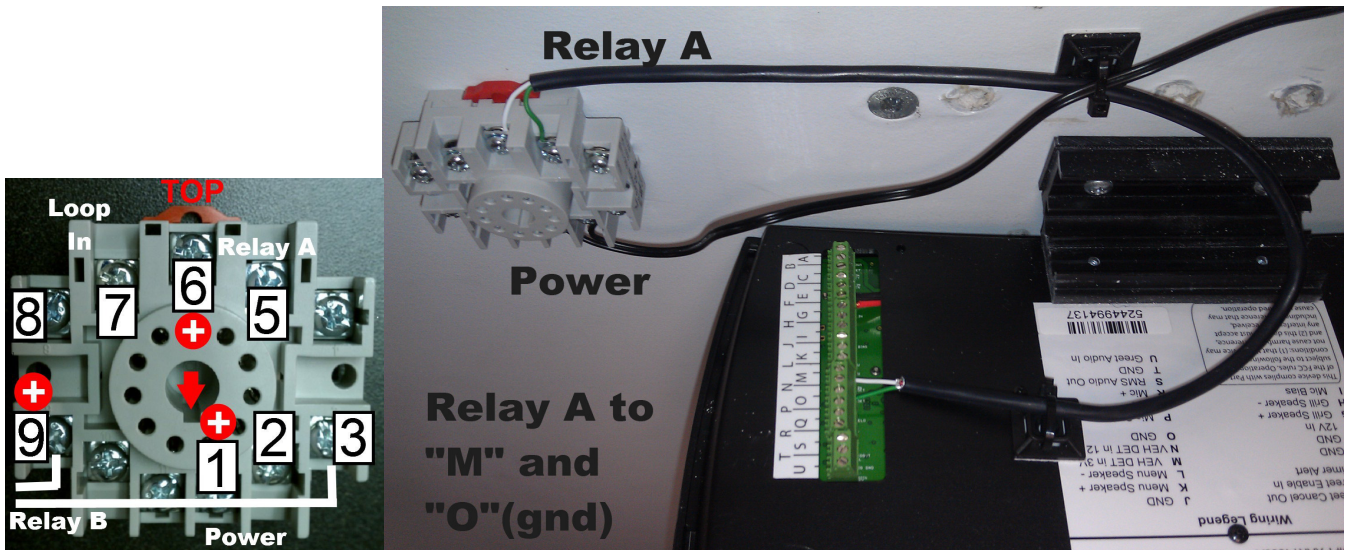
Remove old equipment—if necessary. If there is a timer on site, take care to identify the timer wires connected to the old equipment. A PHOTO of the wires is a good idea.

Mount the Base – Hardware kit is in the base station box. Center photo (bottom to top) Wall spacer plate for base hinge, Zip anchors & pan head screws, Metal strike and flat head screws, Dolphin connectors for mic, loop and speaker connections outside, strain relief mounts and small wire ties. Mount the detector block to the lower left of the base as shown. Keep your wires neat and tidy! If you use a drill bit to “oval out” one hole in the base hinge, (it makes it easier to get it level).

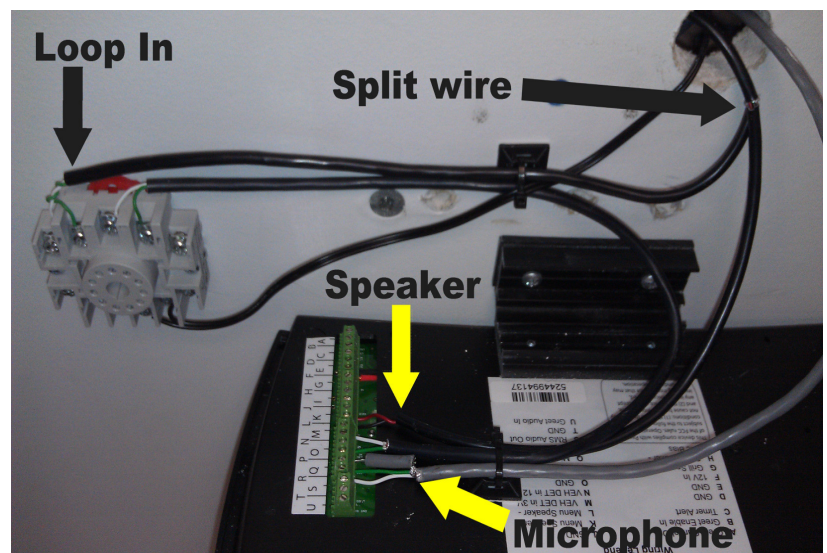
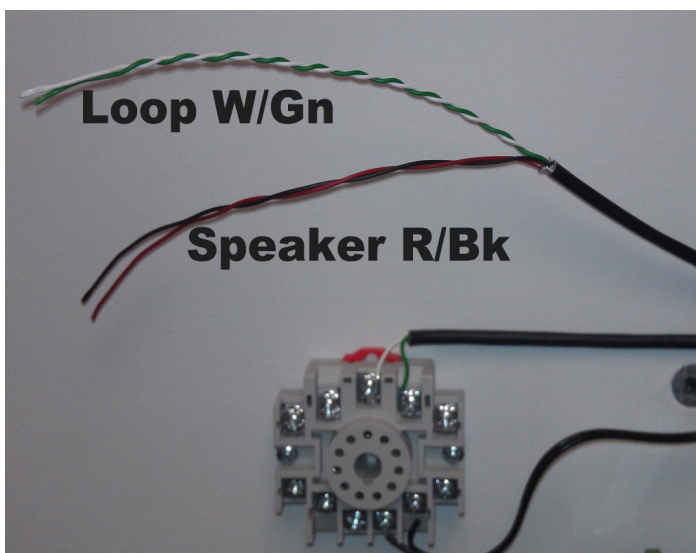


Make the Base and Detector Block Connections – Tin all wires! A wiring diagram is included in the detector kit as well as hardware to mount the block. Take care to mount it with the right side up!

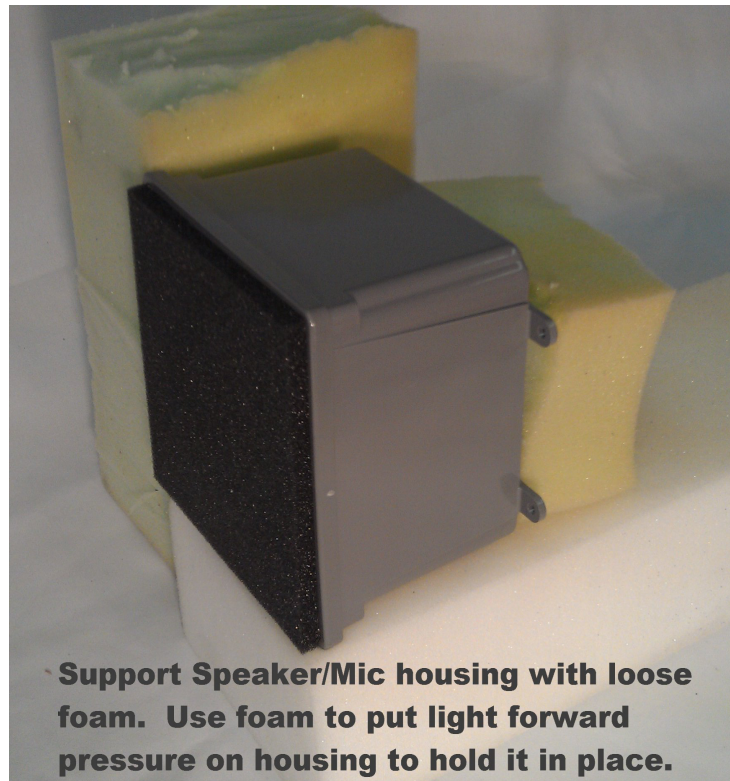
- **Step 1:** Cut a short piece of Black cable to connect the **Detector Block “Relay A”** (“5” positive, “6” ground) to the **Base Station “M”** (positive) and “O” (ground) terminals.
- **Step 2:** Connect the **power supply** to the **detector block “1”** (positive-look for “white line” on wire) “2” (ground).



- **Step 3:** Strip back about 10” of the jacket on the **Black jacket cable** which carries the **loop** (white/green) & **speaker** (black/red) wires. Take care to twist the loop wires (white/green) since these are “active” loop wires and movement between the wires may cause a false detection.
- **Step 4:** Attach **loop** (W/Gn) to **detector block “8”** and “7” (no polarity). Attach **speaker** (R/Bk) to **base terminal “K”** and “L” (no polarity) Recovering the wire with the black jacket makes for a neat job.
- **Step 5:** The **Gray jacket cable** is the **microphone** (W/Gn/Drain) to base terminals “P” (drain), “Q” and “R” (no polarity). Use a small piece of gray jacket to cover the bare drain wire.



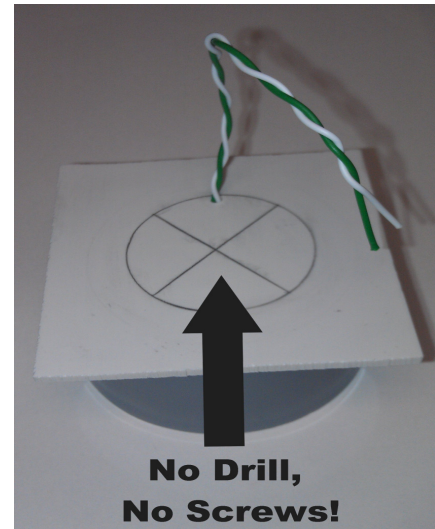
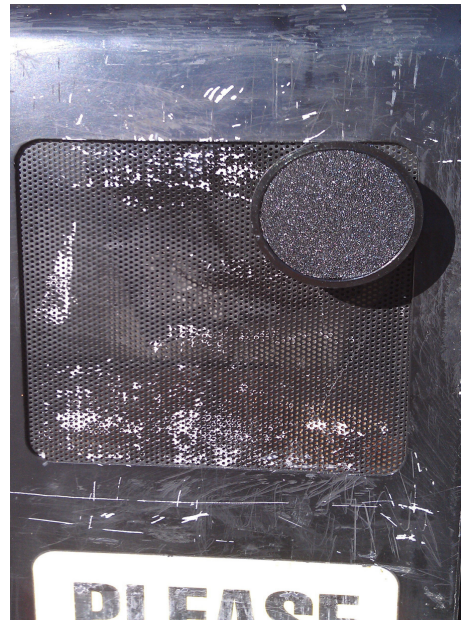
- **Mount Speaker and Mic in the Speaker Post or Menu Board**
- The **microphone location** is most important! **42” to 52”** above the drive thru surface and positioned at the point the customer will stop is best. Bascially, GET THE MICROPHONE AS CLOSE TO THE CUSTOMER AS POSSIBLE!
- The **speaker location** is less important. Keep the speaker and mic at least 18” apart. The speaker can be put in the bottom of the speaker post if space allows or hung under the menu board, even facing straight down (which also helps weather resistance)
- **Foam** has been provided to “cradle” the microphone and speaker. **Direct contact** with the speaker post may transmit vibration which is “sound” to a microphone.
- Keep the **wire entrance** at the bottom to serve as a “weep hole” to allow water to drain.
- A couple illustrations of how to mount the speaker/mic assemblies.



In situations where NO shelf is provided to hold the foam, it may be necessary to screw into the face of the microphone and speaker boxes to hold them in place. Just stay to the **outside edge** of the boxes and you will miss the microphone and speaker inside. **Only do this if absolutely necessary.**

Solder ALL wire connections – Microphone, Speaker and Loop. Use “grease-filled” Dolphin connections to cover the soldered connections. Place wire connections in any “up” position so that water does not run down the wire into the connections.

- **Alternate microphone.** In some situation we may have provided a small surface mount microphone of which we have two types. One 3" round mic or a 3" by ½ by ½ mic. Both of these are made to address menu boards where no good mounting place is available for the standard microphone at the proper height. These can be mounted with screws in addition to a velco pad to isolate vibration. Do not screw the microphone tightly. Keep screws to the outside ½ inch of the circle.



Once finished with the microphone, speaker and loop, power up the system to test the detection operation and set volumes.

We send the base stations out with a **USER Password of 0000** which can be changed. The Tech Password (permanent) is 2580 –(the only four digits in a row) but do not share this.

Normal **“Inbound sound”** settings range from 4 to 6 generally. Keep it as low as possible as higher volume levels increase the noise as well.

Normal **“Outbound”** setting range from 6 to 10. Set Outbound Day and Outbound Night to the same level unless the Night program is used, then adjust to preferred levels and set the clock.

Grill speaker volumes can be set to preference and there is a potentiometer behind the left front cover to adjust the balance between the “customer/ order post” and the “order taker”

Use the laminated **QUICK START TRAINING GUIDE** and accompanying Training Sheet to train the team. Training support is available by calling Wentworth Technology.

Timer Connections: Call Wentworth Technology (207) 571-9744 or visit WentworthTechnology.com and click on “Support” then select “Support Documents”.

Mount the battery charger with the Velcro pads included. Remove the feet if wall mounted. Wall mounting will protect the charger from spills. If possible, let the Velcro “cure” for 24 hours before mounting the charger for good adhesion. Ask the team to put it in place later.

Headset hooks are included that can be mounted were the manager directs.

Other items: Give the manager the headset cushions, foam microphone covers and “listen-only” headset markers.

Clean up anything remaining from your install. Give any old equipment to the manager. Obtain a signature on the Installation report and return it to WT.

