REQUIRED ITEMS

alphaBLUELIGHT

PROVIDED BY ALPHA
- Alpha BlueLight™ Emergency Tower
- Strobe
- NEMA 4 electrical box (mounted inside Tower Phone)
- Transformer
- Voltage regulator
- Torx bit

NOT PROVIDED BY ALPHA
- 110v power source
- Dedicated analog phone line or analog extension off of a PBX
- Phillips screwdriver
- 1/4" driver

SITE PREPARATION

1. Trench in for power and phone line
2. Dig a 3' x 3' square "pad" that is a minimum of 8-10" deep
3. Pour concrete a minimum of 8" deep and 3' x 3' square
4. Insert the 3/4" x 12" galvanized rods using the provided mounting template (A minimum of 2" of thread must be exposed above level of concrete)
5. Position conduit that will contain the electrical and phone wiring into center of the concrete pad using the mounting template
6. When running the wire, provide at least 48" of wiring above the concrete pad
7. Let concrete set for a minimum of 48 hours

TOWER INSTALLATION

1. Lay tower on its side with the base of the tower next to the concrete pad.
2. Open the NEMA 4 access panel and locate the gray Wago Connectors.
3. Disconnect the Wago Connectors
4. Open the bottom access panel
5. Feed the electrical and phone wires in the conduit into the tower base through the 4" hole
6. Align the tower mounting holes with the four ¾" galvanized rods and lift on to the concrete slab
7. Put a lock washer on each rod along with a nut and secure tightly

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CONNECTING THE ELECTRIC LINES

1. Locate the black (positive) and white (negative) wires that exit the NEMA 4 box in the tower
2. Connect the electrial wires from the conduit to the wires in the tower using the waterproof wire nuts located on the wires

PHONE

CONNECTING THE PHONE AND POWERING ON THE ELECTRIC

1. Locate the gray phone cable coming out of the NEMA 4 box
2. Connect the cable to the phone cable that was run through the conduit
3. Reconnect the Wago connector located behind the faceplate
4. Turn on the electical power

PROGRAMMING THE PHONE

1. You can program the phone on-site or remotely.
2. If programming on-site, open back access panel located directly behind front stainless steel face plate. Use the #10 spanner bit provided to re-move the 6 security screws.
3. Remove the cover of the NEMA 4 enclosure by loosening the 4 corner screws.

UPPER ACCESS PANEL

NEMA 4 ACCESS PANEL

ONSITE PROGRAMMING
1. To Begin Program mode Press **Enter**
2. To Program Emergency Numbers **Press 1**, **Enter**, **(phone number)**, **Stop**
(Note: Press 2-5 in step 2 for Emergency numbers 2-5 as needed)
3. To Program Location message
   A. To turn on message Press **1**, **3**, **Enter**, **2**
   B. Press **6**, **Record (speak message) Stop**
   (to replay message Press 6, Play)
   C. For no message Press **1**, **3**, **Enter**, **0**
4. To exit program mode Press **Stop** for 3 seconds

REMOTE PROGRAMMING
1. To Begin Program mode
   A. Call into phone by dialing the cellular number of the tower
   B. After 1st simulated ring Press **#**, **#** (Wait for 4 tones)
   C. **Key in security code** (default is 1111) (Wait for confirmation tones)
2. To Program Emergency Numbers
   A. Press **1**, *****, **(Phone number)**, *****, **#** (Wait for confirmation tones)
   Note: Emergency numbers (2-5) Repeat Step 2A; pressing (2-5) as needed.
3. To Program Location Message
   A. To turn on message Press **1**, **3**, *****, **2** (Wait for confirmation tones)
   B. Press **6**, *****, (speak message) **#**, *****, **#** (Wait for confirmation tones)
      a. (to replay message press **6**, **#**) (Wait for confirmation tones)
   C. For NO message Press **1**, **3**, *****, **0** (Wait for confirmation tones)
4. To Exit Program Mode
   A. Press *****, **#**, **0** (you will hear beep, beep) *****, **#** (You will hear a buzz)

LOWER ACCESS PANEL

TESTING OF THE PHONE

Push the silver Emergency Button on the front of the Call Tower

	YES	NO
Do you hear a dial tone?		
Does the Strobe start flashing immediately when button was pushed?		
Does red LED become a solid light when you pushed the button?		
Does the red LED flash and a short time after (15-20 seconds) the called party started talking to you? (Delay is due to phone telling other party your location via the "Location Message")		
Can you hear the other party clearly? (if no, see "Adjust Speaker" on the next page)		
Can the other party hear you clearly? (If no, see "Adjust Microphone" on the next page)		
When the party you called hangs up, does the strobe stop?		
If you have answered YES to all questions, you have successfully installed and tested your new emergency phone. If you answered no to any question, proceed to the Troubleshooting section.		

ADJUSTING THE VOLUME

If the volume is too low or high, adjust it by referring to the diagram and instructions below.
*Note - Refer to the instructions under "Programming the Phone" to access the circuit board.
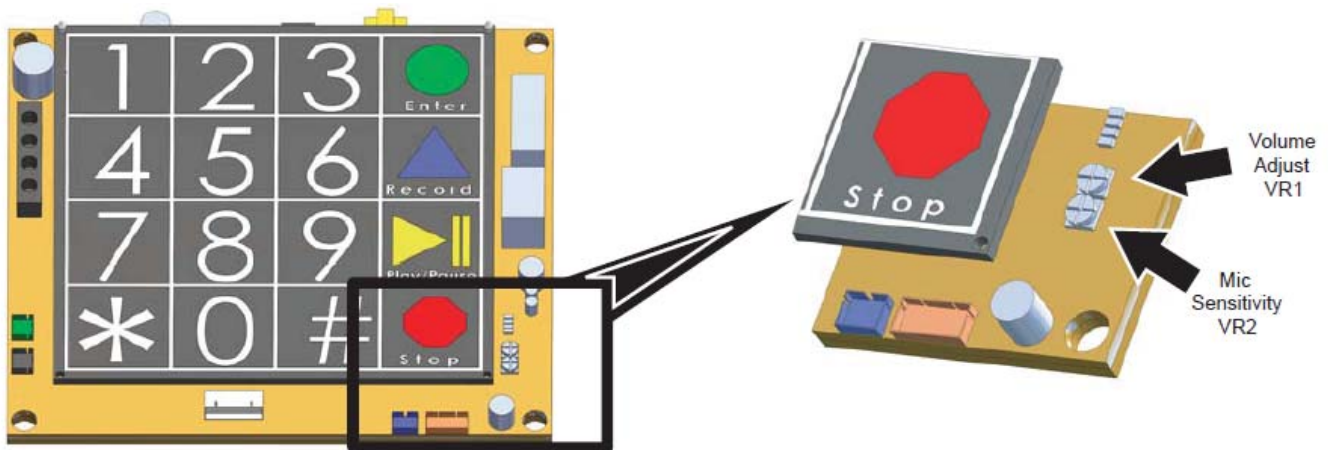
Adjusting the Microphone:
If the person you are calling reports your voice is not loud enough, increase the Microphone Sensitivity by adjusting VR2 ¼ turn clockwise (requires a small Phillips screwdriver).

Adjusting the Speaker:
If the voice of the person you call is not loud enough in the emergency phone speaker, increase the volume, by adjusting VR1 ¼ turn clockwise. Reinstall the cover on the NEMA enclosure and secure the rear access panel.

SUGGESTED ONGOING PHONE TESTING

It is recommended that the Emergency Call Station(s) be tested and maintained on a monthly basis to ensure proper operation. For testing, follow the procedure outlined in **"Testing of the Phone"**.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE & FIXES
No dial tone when the button is pushed	• Check to make sure the phone line is connected. • Verify dial-tone and voltage on phone line going into unit.
Audio is low from the speaker	• Speaker control needs to be adjusted. Go to **Adjusting the Speaker** on page 3. • Make sure the speaker holes are not blocked.
Audio is distorted from the speaker	• Speaker control needs to be adjusted. Go to **Adjusting the Speaker** on page 3. • Make sure there are no items touching the speaker inside the tower.
Called Party says audio is low	• Microphone control needs to be adjusted. Go to **Adjusting the Microphone** section on page 3. • Make sure the microphone hole is not blocked.
When called party hangs up, strobe continues to flash for 1 minute:	• Slow disconnecting signal from the phone company. This is considered normal operation
When called party hangs up, strobe continues to flash:	• Phone company or phone system is not providing a disconnect signal. Contact the appropriate party to make sure the disconnect signal is provided.
Tower appears nonfunctional. Strobe does not flash and no audio is heard from speaker when button is pushed	• Check to make sure phone line is connected. • Double check electrical connections. • Push button may be nonfunctional.

EMERGENCY TOWER DIMENSIONAL SPECS

Tower		
Body of Tower:		
	Height	9 ft.
	Width	10.75 in.
	Depth	6 in.
	Thickness of Steel	11 guage
	Weight	167 lbs.