



CU-16 Area of Rescue Command Unit Installation Instructions

I. Components

Model CU-16 consists of the following components:

<u>QTY</u>	<u>Item</u>
1	Stainless Steel Enclosure
2	Lexan Panels
36	Nuts
1	White Wall Mount 2-line phone with RJ-11 cable
2	EC-8 Consolidators with Power Supplies
1	Strobe/Siren Assembly
1	Uninterruptible Power Source (UPS)
1	Wiring harness with power supply attached
1	Power Strip (Pre-Installed in Enclosure)
2	Low Voltage Relays (Pre-Installed in Enclosure)
1	Door Handle Knob
1	Self-Adhesive Instruction Label
1	Installation and Operation Instruction Manual

II. Assembly

- 1) Remove the five (5) screws holding the cover of the stainless steel enclosure in place. Carefully remove cover and place in a safe location for re-attachment later. Remove all loose components that are packed into the enclosure; you will install these in the following steps.
- 2) Mount enclosure on wall as described. **NOTE:** Opening exists on back of enclosure for rear access to 110 volt power. Knock-outs are also provided on top and bottom for alternate methods of providing power. Determine method of bringing power to enclosure **before** mounting enclosure on wall.
- 3) Mount the Strobe/Siren Assembly on wall in an appropriate location, per the instructions packed with the Strobe/Siren Assembly.
- 4) Place the EC-8's over the studs as shown and secure with the eight (8) nuts provided. Plug the barrel connector end of the Power Supply into the Power Input jack on each EC-8. Plug the Power Supplies into the Power Strip as shown.
- 5) Complete self-adhesive instruction label by filling in the location of each rescue station in your system. Remove the label backing and place label well above the phone mounting studs in the handset compartment.
- 6) Plug one end of the RJ11 cable from each EC-8 into the back of the telephone, routing the cable through the back of the phone as indicated on the phone. Connect the top EC-8 as line one, and the lower EC-8 as line two. Mount telephone onto screw/studs in the telephone section of the enclosure. Route the RJ-11 cables through the hole in the wall separating the two compartments and plug into the "LOCAL PHONE" Port on the corresponding EC-8 Consolidator.
- 7) Plug in Wiring harness Power Supply into Power Strip as shown. Attach "a" and "b" as shown on Wire Harness Connections drawing. Plug white rectangular connector on wiring harness into unmarked receptacle on top of appropriate EC-8 (next to "LOCAL PHONE" Port). Connect appropriate three (3) conductor cable from Strobe/Siren Assembly to the appropriate wires in the wiring harness, as shown in section (d) of "Wire Harness Connections" drawing.

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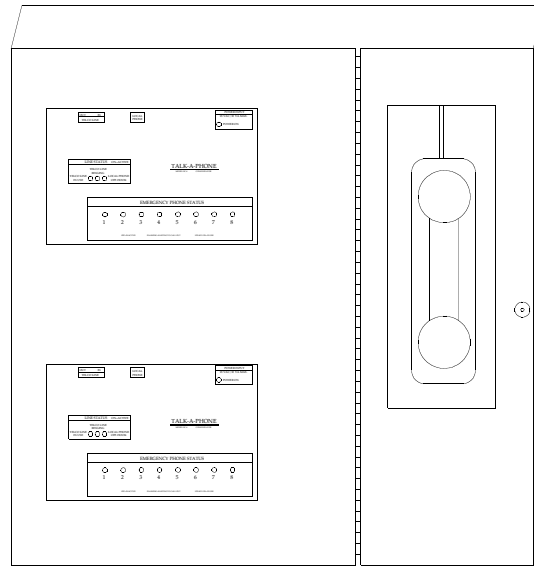
- 8) Connect the battery on the UPS (see manufacturer's instructions included with UPS). Place the UPS in an appropriate nearby location and connect the 110 volt plug from the Power Strip into the outlet on the right side of the UPS. Bring power line from UPS to location of outlet. NOTE: Do not plug UPS into 110 volt power source at this time.
- 9) Attach RJ11 connectors of lines coming from Emergency Phone to ports 1-8 on the appropriate EC-8 Consolidator. If a telephone or PBX line is to be used in addition to the phone in the enclosure, attach a separate phone line to the "TELCO IN" Port on the EC-8.
- 10) Remove the protective covering on the front and back of the two Lexan windows. Carefully place each window over the studs in the rear of the cover as shown. Secure with twenty (20) nuts (provided).
- 11) Plug UPS into wall outlet or other 110 volt source. Turn on UPS by pushing button on left side of UPS. "Power On" LED on each EC-8 should light at this time.
- 12) Place cover over enclosure and re-secure with screws removed in step 1.

III. Programming

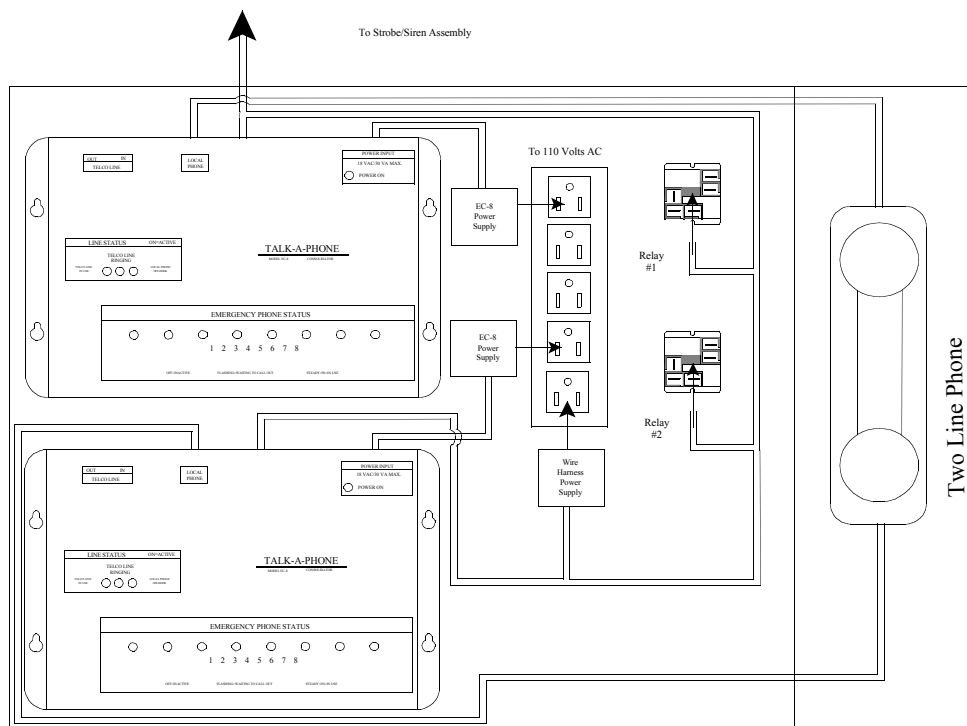
- 1) Program each EC-8 per Instructions packed with that unit. Be sure the EC-8 is set for "LOCAL PHONE ONLY" operation, or local alternating with Telco operation if outside phone lines or PBX lines are used in the system.
- 2) Program each Emergency Phone per Instructions packed with that phone. Be sure to program feature *78* (auto answer) in addition to any other features selected. **NOTE:** If no outside phone line or PBX line is used, program the number to be called as *13*5555555*.

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CU-16 Command Unit with Cover



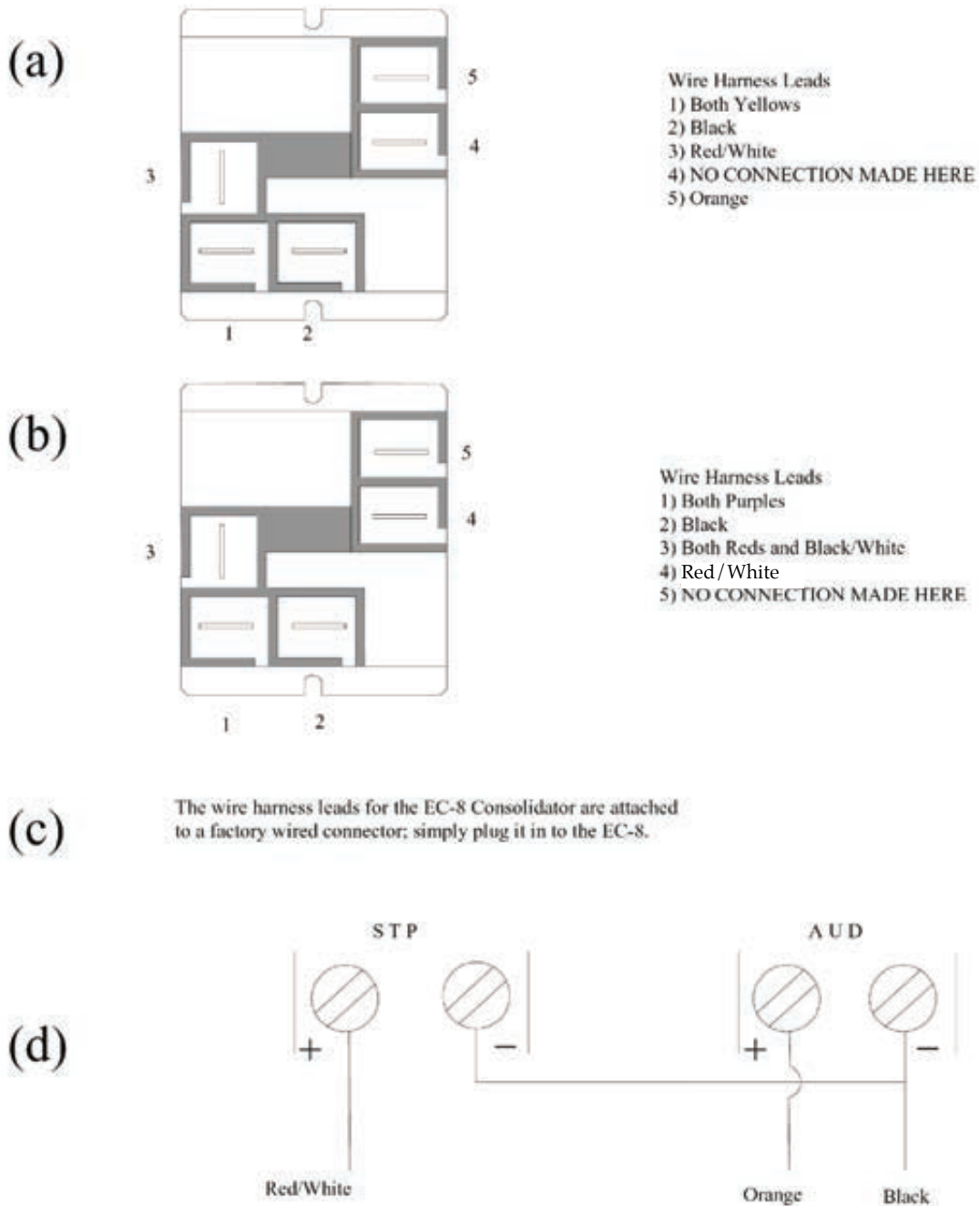
CU-16 Command Unit Internal View



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CU-16 Wire Harness Connections



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