

INSTALLATION INSTRUCTIONS: CU-8

I. Components

The Model CU-8 is shipped with of the following components:

- 1 Stainless Steel Enclosure
- 2 Lexan Panels
- 24 Nuts
- 1 Red Wall Mount Style Phone with RJ-11 Cable
- 1 EC-8 Consolidator with Power Supply
- 1 Strobe/Siren Assembly
- 1 Uninterruptible Power Source (UPS)
- 1 Wiring Harness with Power Supply
- 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 bring 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 over the studs as shown and secure with the four (4) nuts provided. Plug the barrel connector end of the Power Supply into the Power Input jack on the EC-8. Plug the Power Supply 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 into the back of the telephone, routing the cable through the back of the phone as indicated on the phone. Mount telephone onto screw/studs in the telephone section of the enclosure. Route the RJ-11 cable through the hole in the wall separating the two compartments and plug into the "LOCAL PHONE" Port on the EC-8 Consolidator.

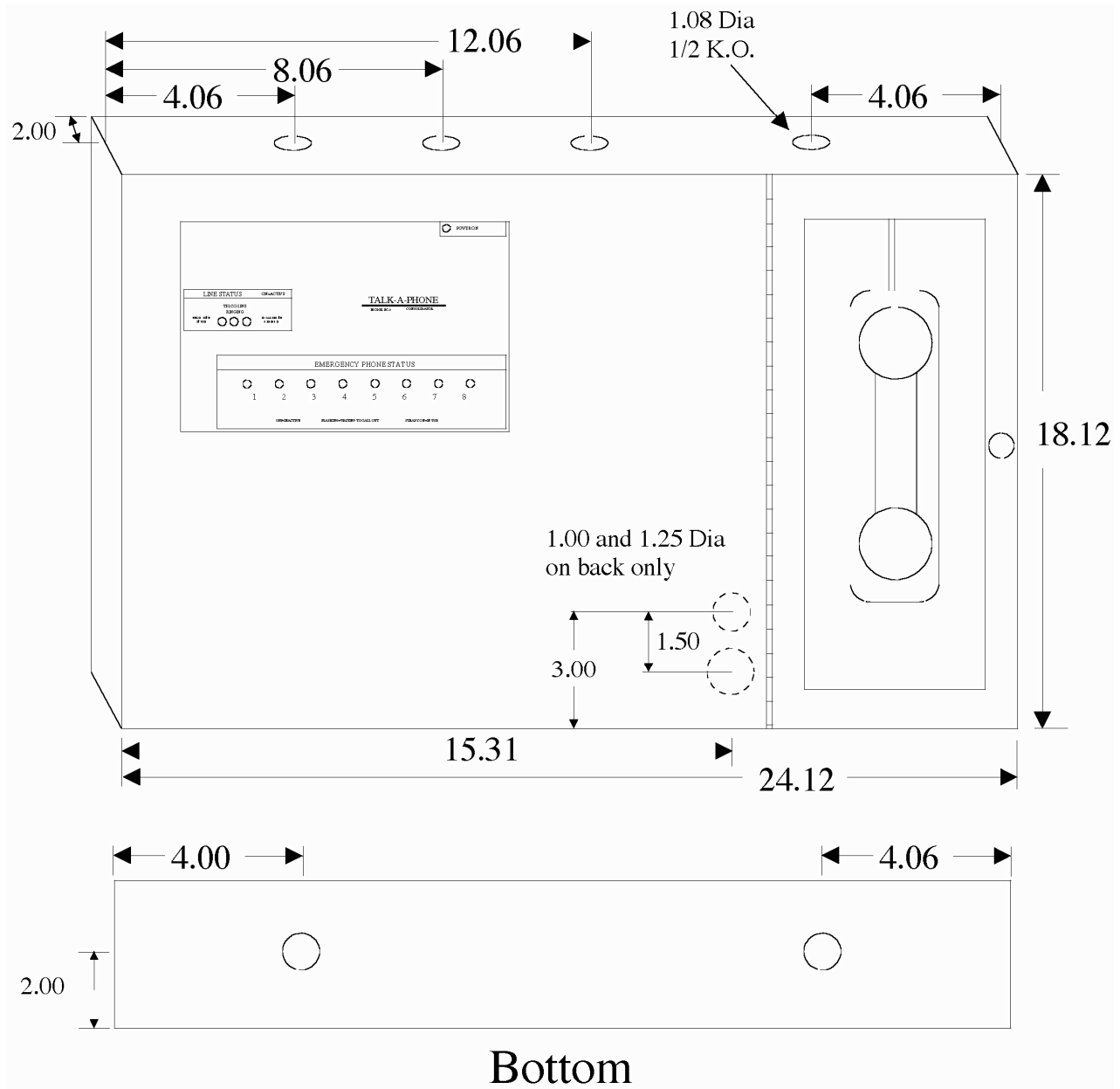
CU-8 INSTALLATION

- 7) Plug in Wiring harness power Supply into Power Strip as shown. Attach to relays as shown in "a" and "b" of attached "Wire Harness Connections" drawing. Plug white rectangular connector on wiring harness into unmarked receptacle on top of 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.
- 8) Connect the battery on the UPS (see manufacturer's instructions included with UPS). Place the UPS into the enclosure as shown 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 in UPS to 110 volt power source at this time.
- 9) Attach RJ11 connectors from Emergency Phone communication lines to ports 1-8 on EC-8 Consolidator. If a telephone or PBX line is to be used in addition to the phone in the enclosure, attach phone line to the "TELCO IN" Port on the EC-8. See attached drawing.
- 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 EC-8 should light at this time.
- 12) Place cover over enclosure and re-secure with screws removed in step 1.

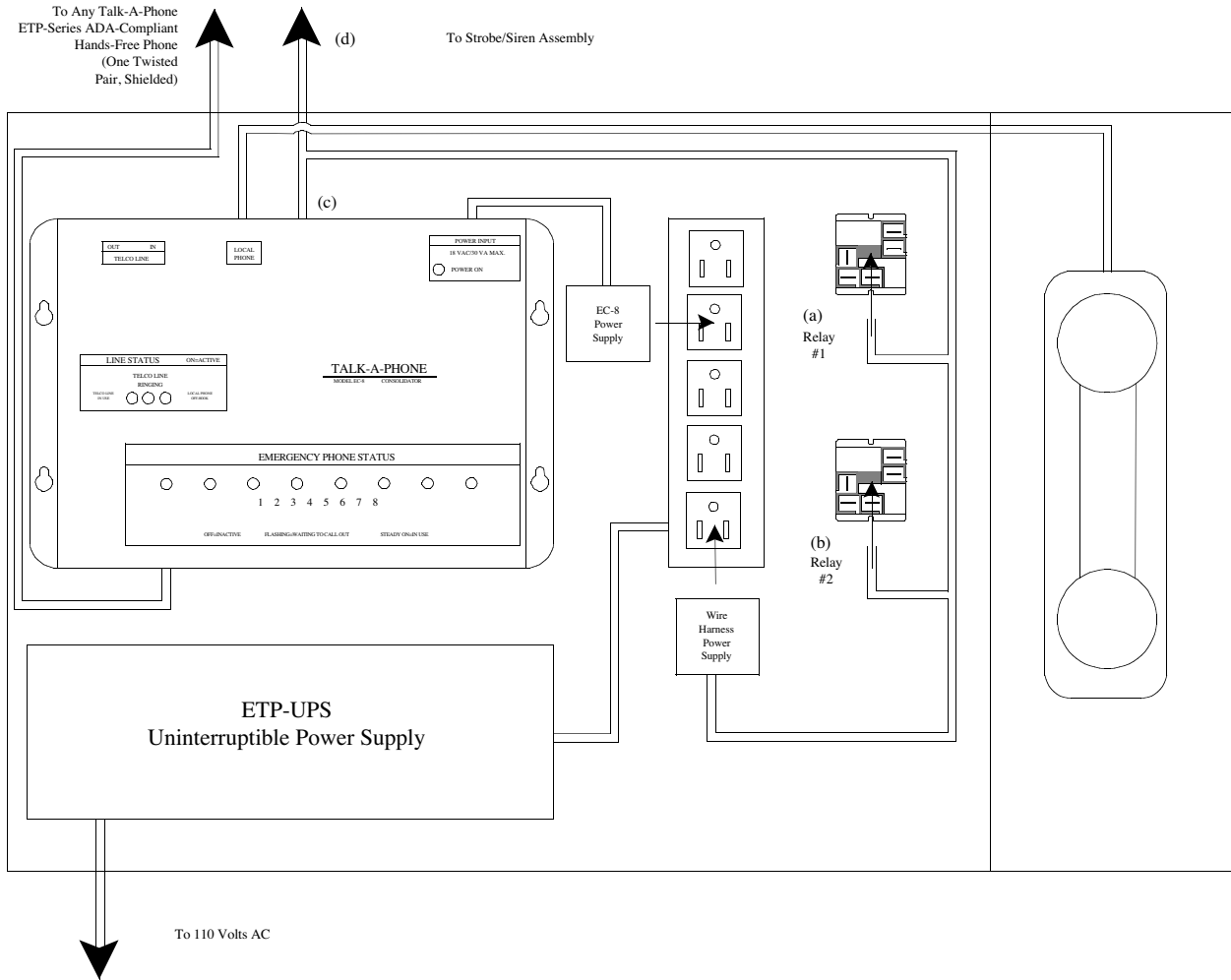
III. **Programming**

- 1) Program EC-8 per Instructions packed with that unit. Be sure the EC-8 is set for "LOCAL PHONE ONLY" operation, or "LOCAL/TELCO" alternation if an outside phone line or a PBX line is used in the system.
- 2) Program each Emergency Phone per Instructions packed with that phone. Be sure to program feature *78* 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*555555*. This is necessary for proper system function.

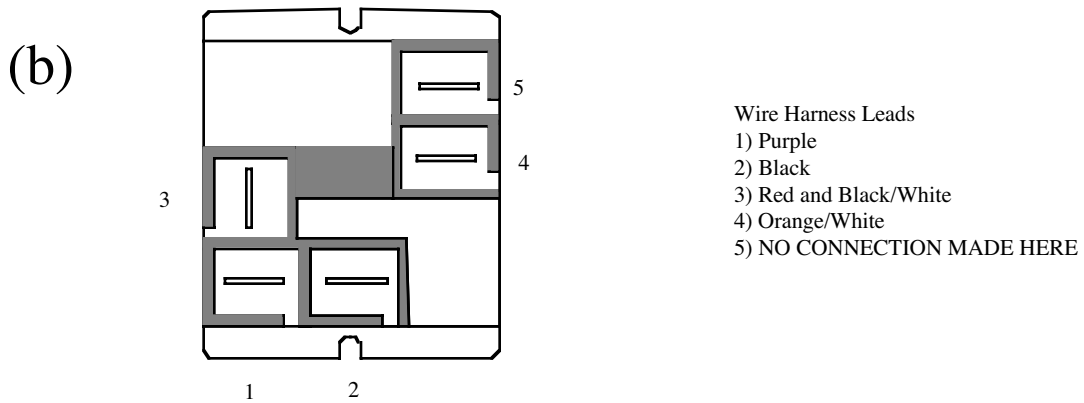
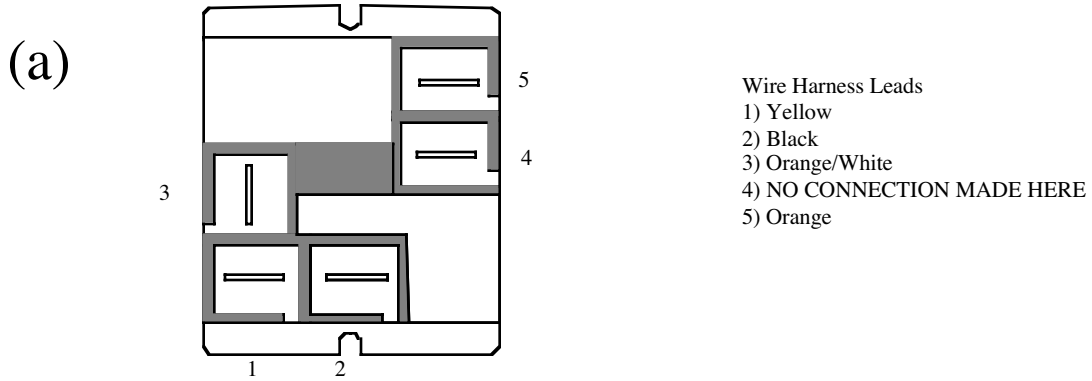
CU-8 Command Unit with Cover



CU-8 Command Unit Internal View



CU-8 Wire Harness Connections



(c) The wire harness leads for the EC-8 Consolidator are attached to a factory wired connector; simply plug it in to the EC-8.

