

## EC-8 – Emergency Phone Consolidator

### Description

Model **EC-8** Consolidator allows up to 8 Talk-A-Phone Emergency Phones to utilize one phone line without reduction in volume. Also can be used to create an internal communication system without need for any phone lines.



### Features

- Can call an outside phone, ring a local phone or alternate between the two
- Line seizure eliminates need for dedicated phone line
- Use a standard phone set as a guard phone to create an internal communication system
- Queues second and subsequent calls: when first call is completed, next in line is immediately connected
- LEDs light to indicate location of incoming calls and blink for queued calls
- Built-in auxiliary outputs for activating devices when Consolidator receives calls and when call is answered

### Specifications

Dimensions: 11.63(241) W x 7.75(298) H x 2.0(51) D in(mm)  
 Weight: 6 lbs. (2.7kg)  
 Mounting: Designed for Wall Mounting  
 Power: 120VAC 60Hz power supply (1.67 amps)  
 Wiring: Resistance of wire from Emergency Phone to **EC-8** should not exceed 25 ohms

### Options & Accessories

Backup Power Supply: Model **ETP-UPS** is recommended to support an **EC-8** for up to 4 hours  
 Punch-down Block: Order model **ETP-DMRK** for easy connection of Emergency Phones to **EC-8**  
 Super Consolidator: Use Model **SC-96** with 12 **EC-8**s to create internal communication system with up to 96 Emergency Phones

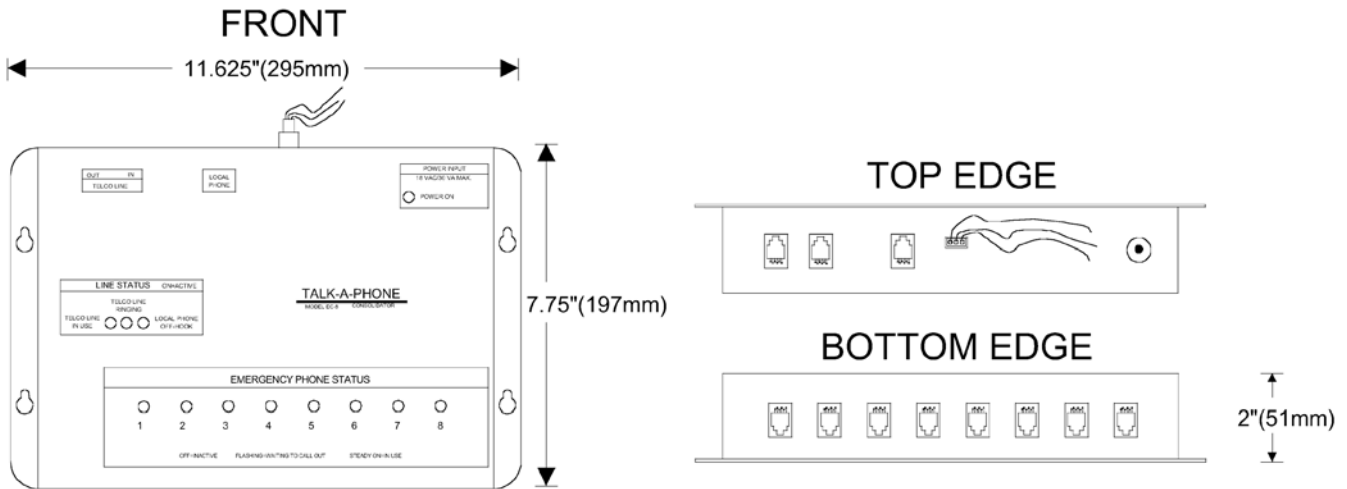
### Wiring Requirements

Distance from <b>EC-8</b> to Emergency Phone			Wire Gauge
0-500	feet	(0-150 meters)	24G
500-750	feet	(150-230 meters)	22G
750-1000	feet	(230-300 meters)	20G
1000-1800	feet	(300-550 meters)	18G
1800-3000	feet	(550-900 meters)	16G
3000-5000	feet	(900-1500 meters)	14G

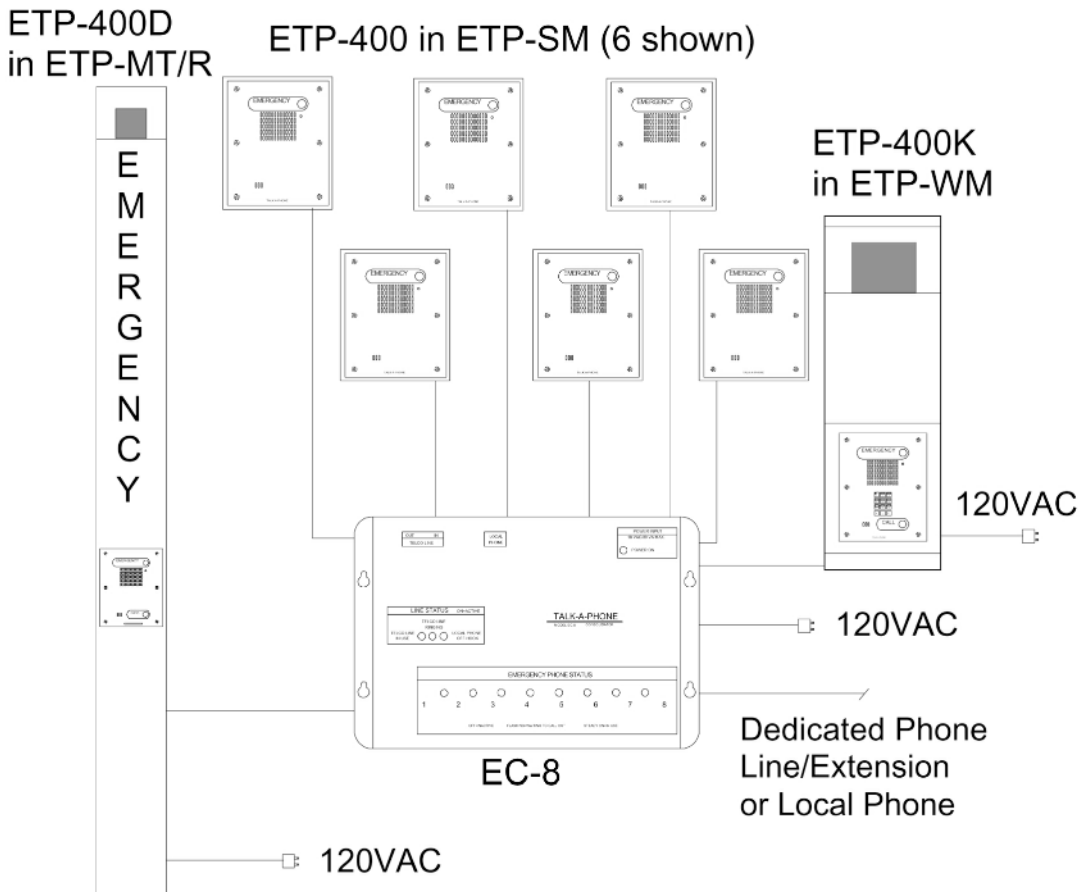
Distance from <b>EC-8</b> to Local Phone			Wire Gauge
0-1000	feet	(0-300 meters)	24G
1000-1500	feet	(300-450 meters)	22G
1500-2000	feet	(450-600 meters)	20G
2000-3600	feet	(600-1100 meters)	18G
3600-5000	feet	(1100-1500 meters)	16G

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## Dimensions



## Typical Layout



All communication cables 1 pair, twisted shielded. Gauge depends on distance.