## EC-8 - Emergency Phone Consolidator

## Description

Model EC-8 Consolidator allows up to eight Talk-A-Phone 100-Series or 400 -Series 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
- LED 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:
Weight:
Mounting:
Power:
Wiring:
11.63(241) $\mathrm{W} \times 7.75(298) \mathrm{H} \times 2.0(51) \mathrm{D}$ in(mm)
$6 \mathrm{lbs} .(2.7 \mathrm{~kg})$
Designed for Wall Mounting 120VAC 60 Hz power supply (1.67 amps)
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

## Wiring Requirements

| Distance from EC-8 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 EC-8 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 |

Note: The EC-8 Consolidator is not compatible with VoIP products.

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## Dimensions



TOP EDGE


## Typical Layout

ETP-400D in ETP-MT/R


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

