

## 4800IP Main System 4800IPM-20, -50, & -100



4800IPM

**Description:** The 4800IP Emergency Communication System is designed to provide fully supervised, full duplex voice communication, between each call station and Base Station(s). An internal modem, connected to a telephone line, provides an automated-timed dial-out capability to an alternate monitoring location (Not Included). The -20 can support up to 20 devices, the -50 can support up to 50 devices, and the -100 can support up to 100 devices. By special order, 500+ devices can be supported – please contact Cornell for a quote. The Main System itself can host 8 devices (phones or call stations); additional devices can be hosted via expansion modules (4800IP-EXL).

**Operation:** When a call is initiated at a Call Station (4800VIP), this signals the alarm to display at the Base Station(s) (A-4800IPB). Sound will initiate and a detailed description will display where the call is coming from on the Base Station(s) screen. The Main System will control all of these functions.

**Call Off-Site Operation:** The 4800IP Emergency Communication System incorporates a programmable automatic dial feature to connect to telephone (POTS, VoIP, SIP are supported; please confirm exact requirements before installation). In the event, that a call from a Call Station is not answered at any of the Base Station(s) after a preset amount of time, the 4800IP system will automatically dial a pre-programmed phone number to directly connect the Call Station to a monitoring location (not included) for two-way voice communication.

**Mounting:** The Main System is mounted inside an included wall enclosure. The surface mount wall enclosure assembly (24" x 30" x 8") consists of a fan cooled black metal enclosure with a locking, hinged Door.

**Engineering Specifications:** The contractor shall furnish and install the CORNELL 4800IPM as indicated on the plans. Systems shall be programmed to meet customer-provided-specifications – custom programming options are available at additional cost. Please contact Cornell for details and pricing. Systems shall be mounted in CORNELL provided enclosures.

### Technical Information:

- Power Requirements: 120V, 60Hz, 15A with earth ground service is required., UPS recommended to maintain operation in the event of a loss of local power (UPS-4800IP\*).
- Operating Environment: 50-100°F Indoor Non-condensing; Humidity <95%
- Physical Dimensions of the Enclosure: 24" x 30" x 8"
- Mounting: Follow instructions provided in installation manual
- Wiring: Cat5e (or better) Ethernet cabling is required for all connections between Main System, Base Station(s), Expansion Module(s) and Call Stations.