A-4800M / A-4800R Main and Remote Control Panels

A-4800M / A-4800R

Architects' And Engineers' Specifications

The Main Control Panel(s) shall be Alpha Communications® / Cornell A-4800M or approved equal. Control Panel(s) shall provide a voice handset, internal modem for outside dialing and call indication of incoming calls. In the event that an incoming call is not answered, at any of the Control Panels in a preset amount of time, the 4800 system shall dial a pre-programmed phone number to directly connect the Call Station to a monitoring location.

At each of up to four (4) remote locations, the Remote Control Panel(s) shall be Alpha Communications® / Cornell A-4800R or approved equal.

The 4800 system shall be wired using standard Cat5e cabling, and shall be a supervised system that automatically "polls" all of the 4800V remote call stations for faults and trouble.

Contractor shall observe all local and national building and electrical (and A.D.A.) codes.

Specifications

Dimensions:	Door: Height: 20.0" (508mm); Width: 20.0" (508mm) Enclosure Depth: 3.25" (83mm)
Power Req.	24VDC (from system power supply)
Operating Environment:	50-120°F Indoor Non-condensing
Housing:	BB-48 flush housing / enclosure
Wiring:	Cat5e Ethernet cabling for Control Panel, Switch and Call Station Connections

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The 4800 Digital Emergency Communication System is designed to provide fully supervised, two-way voice communication, between each 4800V area of refuge call station and the Main Control Panel. Optionally, up to four (4) Remote Control Panels can also be installed throughout the building to allow alternate locations to respond to a call for assistance. An internal modem, operating at the Main Control Panel, connected to a Analog "POTS" dedicated telephone line, provides an automated-timed dial-out capability to a monitoring location.

The 4800 Digital Emergency Communication System shall poll (supervise) all the 4800VCall Stations, area of rescue control panels and Expansion Switches on a continuous basis, to identify line faults and defective equipment. Activated Call Station locations and fault information will be alerted and displayed at the 40 character LCD four line display, at each Control Panel location.

Each 4800V remote call station is equipped with an auxiliary set of momentary Form 'C' contacts that can be used to activate external devices, such as a camera, strobe, or tone device.

Operation:

When call is initiated at the Area of Refuge Call Station, this signals the alarm to display at the Main and Remote Control Panels. Sound will initiate as well as a detailed description of where the call is coming from on the Control Panel screen.

Modem Operation (Available on Main Control Panel ONLY):

The 4800 Digital Emergency Communication System incorporates a programmable automatic dial feature to connect to an analog telephone line. In the event that an incoming call is not answered, at any of the Control Panels in a preset amount of time, the 4800 system will dial a pre-programmed phone number to directly connect the Call Station to a monitoring location.

Mounting:

The flush mount enclosure assembly consists of a separate back box and a locking hinged Frame / Door assembly. The Back Box chassis shall be mounted with the "Top of Box Arrow" pointing up, and approximately .125" to .25" below the finished wall surface. The reversible Frame / Door assembly can be adjusted up to approximately 1" away from the face of the chassis surface.

Features

- One (1) Main (A-4800M) and up to four (4) Remote (A-4800R) Control Panels per system
- Mounts into special locked flush enclosure (model# BB-48)
- Fully supervised circuitry polls the remote call stations
- Convenient Cat5e cabling
- Built-in handset for communication
- Attractive and durable satin finish Stainless Steel faceplate

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