

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



A-4800M or A-4800R

Description: The 4800 Digital Emergency Communication System is designed to provide fully supervised, two-way voice communication, between each call station and up to 5 Control Panels. An internal modem, connected to a Analog "POTS" dedicated telephone line, provides an automated-timed dial-out capability to an alternate monitoring location. A single Control Panel can support 1-8 call stations. Utilizes Cobranet® Digital Audio Technology for voice communication to call stations.

Operation: When call is initiated at the 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, *cellular or *VOIP telephone connection. 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 (18.25" W, 18.25" H, Enclosure Depth 3.25") and a locking hinged Frame/Door assembly. The Back Box chassis shall be mounted with the "Top of Box Arrow" pointing up, and approximately 1/8-1/4" 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.

Engineering Specifications: The contractor shall furnish and install the CORNELL A-4800M with optional A-4800R Panels as indicated on the plans. Panels shall be programmed to building specifications. Panels shall be mounted in CORNELL provided enclosures.

Technical Information:

- Power Requirements: 24VDC
- Operating Environment: 50-120°F Indoor Non-condensing
- Physical Dimensions: Door: 20"W, 20"H, Enclosure Depth 3 1/4", Back box 18 1/4"W, 18 1/4"H
- Mounting: Follow instructions provided in installation manual
- Wiring: Cat5e Ethernet cabling for Control Panel, Switch and Call Station Connections

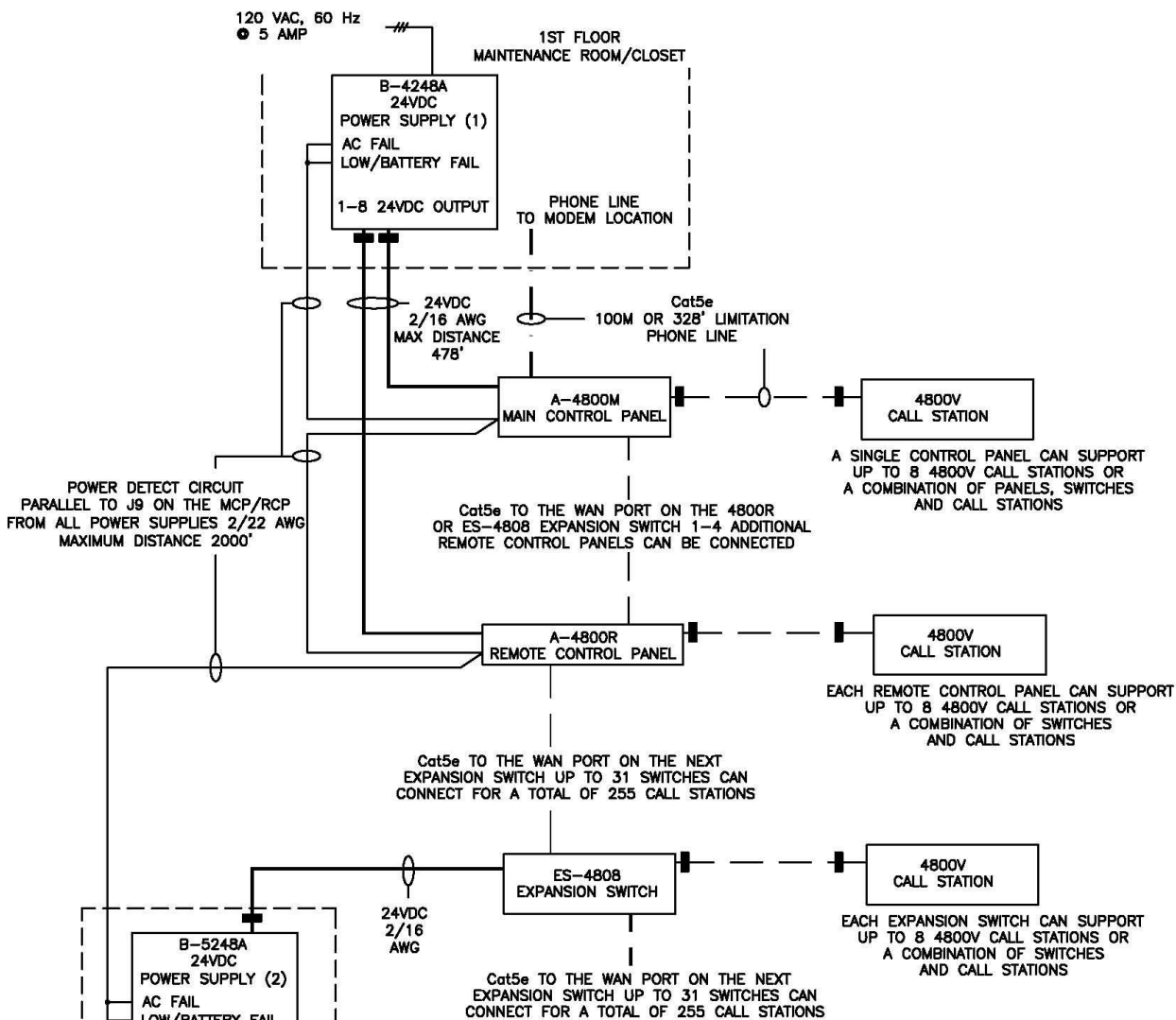
***With cellular or VOIP connections, an additional onsite interface connection is required.**

CORNELL COMMUNICATIONS, INC.

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4800 SYSTEM RISER



CABLE LEGEND

- 2/22 AWG NON-SHEILDLED/STRANDED
UL CABLE MAXIMUM DISTANCE 2000'
- 2/16 AWG NON-SHEILDLED/STRANDED
UL CABLE MAXIMUM DISTANCE 478'
- - - - - Cat5e ETHERNET CABLE
STANDARD STRAIGHT-THRU,
TIA/EIA 568A OR TIA/EIA 568B
- EMI SUPPRESSION FILTERS
REQUIRED FOR FCC COMPLIANCE

