Annunciator Panel

NEW!

PUBLIC SAFETY
RADIO BOOSTER STATUS

- AC POWER FAILURE
- LOW BATTERY (30%)
- CHARGER FAILURE
- BDA FAILURE
- ANTENNA FAILURE

Normal AC Power
Lamp Test

NEWMAR
Powering the Network

Annunciator Panel, model AP-8000B, is a micro-processor controlled fire alarm annunciator panel for use with In-building 2-Way Emergency Radio Communication Enhancement System (ERCES) required by the National Fire Protection Agency (NFPA 1221). It monitors the alarms of the Bi-Directional Amplifier (BDA) and Battery Back-up Unit (BBU) and provides visual and audible alarms, as well as communicates these alarms to the fire control panel (FACP) via up to eight sets of Form-C alarm contacts. The first five alarms are wired for NFPA mandated alarms; AC Power Failure, Low Battery, Charger Failure, BDA Failure and Antenna Failure. Three additional alarm relays are available for site customization per UL Standard 2524.

Features

- Designed for easy set-up and installation in a NEMA 4 enclosure, powder coated steel
- Wide operating voltage range: 12, 24 and 48 volt systems
- Eight (8) Form-C alarm relay outputs with terminals for end of line resistors
- Alarm Input Wiring Supervision continuously monitors alarm input wiring for faults, either NO or NC contacts
- Master/Remote operation allows up to 15 additional AP-8000B's to be connected by daisy chain
- Up to 15 remotes can be powered via Cat 5 cable (POE)
- Built-in battery back-up (option)
- Front panel "test" alarm button
- Ultra bright light emitting diodes
- Alarm silence button (24 Hrs.) located inside enclosure
- Easily adapted to fit nearly any situation, 12, 24 and 48V DC battery back-ups
- Selectable Alarm Input: Can be activated by contact open (default) or contact closure upon alarm.
- End of Line resistors included

Specifications

Input: 9 - 60V DC
Input Current Draw: <100 mA
Max. Power Consumption: 4.5 watts
Operating Temperature: -4 to 122° F (-20 to 50° C)
Heat Dissipation: <12 watts (worst case)
Relay Switching Current: 2-Amp DC (resistive)

Enclosure: NEMA-4, UL listed, welded steel, quarter turn latch, bonding studs on door and enclosure, continuous stainless steel hinge with welded brackets for enclosure mounting, one each NPT-1/2 and NPT-3/4 liquid tight cord grips included.
Master/Remote Multiple Annunciators: Allows 1 master and up to 15 remotes to be wired in sequence via RS-485 connectivity
POE: Master can power up to 15 remotes via Cat. 5 cable

Options

Summary Alarm (Auto Dialer): Alarm relay #8 can be re-programmed via DIP switch to act as a summary alarm for alarm inputs #1 - 7 in order to activate an auto dialer or other device.

Loss of Annunciator Panel Power Alarm: Provides a normally closed alarm contact that opens upon loss of power to annunciator panel.

Model	Dimensions (H x W x D)	Weight (Lbs.)
AP-8000B	11.375" x 8" x 4.75"	7.35

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