



January 8, 2002

DN-56 • D-130

# AFM Series Annunciator Fixed Modules

Section: Annunciator Control Systems

## GENERAL

AFM Series annunciators provide non-expandable modules for annunciation and control of the NOTIFIER System 500 and System 5000 fire control panels. The AFM provides arrays of LEDs to indicate point status, and switches to control the System 500 and System 5000. These AFM units use a serial interface and may be located at distances of up to 6,000 feet (1,828.8 m) from the panel.

## FEATURES

- LED to annunciate Alarm and Trouble per zone option or more dense Alarm-only option.
- Touch-pad control switch option for remote Acknowledge, Signal Silence, Drill, or Reset of the control panel.
- Touch pad switches may be used for remote control and display of System 500 and System 5000 relays (program option).
- System Trouble LED indicator.
- On-Line/Power LED indicator.
- Lamp Test switch.
- Alarm and Trouble resound with flash of new conditions.
- Local sounder for both alarm and trouble conditions with Silence/Acknowledge button (programmable selection).
- Serial EIA-485 interface for reduced installation cost.
- Powered by 24 VDC from the panel. Must use filtered, regulated power.
- Efficient switched power converter reduces power consumption.
- Microprocessor-controlled electronics, fully supervised.
- Slip-in custom labels, lettered with standard typewriter or LabelEase program.

## CONSTRUCTION

The AFM is provided in two basic modules. The AFM-16AT provides 16 annunciation and control points, each with a red Alarm LED, a yellow Trouble LED, and a touch-key switch. The AFM-32A provides 32 annunciation points, each with a red Alarm LED.

## APPLICATIONS

The AFM provides arrays of LEDs to indicate zone status and, in some versions, switches to control the System 500 and System 5000. These AFM units use a serial interface and may be located at distances of up to 6,000 feet (1,828.8 m) from the control panel. Only one AFM module may be used per System 500 or System 5000.

## INSTALLATION

The AFM annunciators mount in special flush box ABF-1B or surface box (ABS-1B or ABS-1TB).

A control-switch key lock (AKS-1B) is available for use with

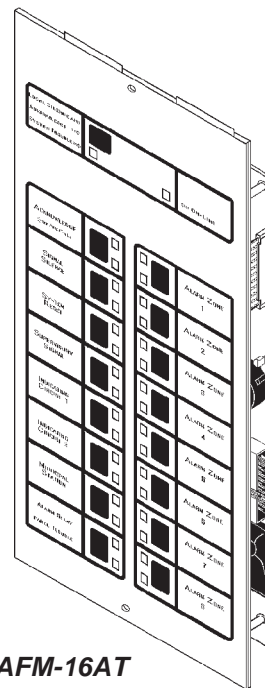


California State Fire Marshal  
7120-0028:156

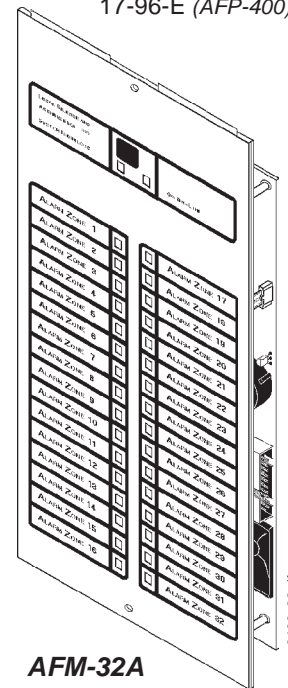
**BSA**  
578-81-SA  
(System 5000,  
System 500)



**MEA**  
17-96-E (AFP-400)



AFM-16AT



AFM-32A

the AFM in the ABF-1B or ABS-1TB backbox. Communication between the AFM annunciator and the host Fire Alarm Control Panel is made through an EIA-485 loop and a two-wire loop for 24 VDC regulated power, greatly reducing wire and installation cost compared to traditional systems.

## OPERATION

The AFM annunciator LEDs display the status of the System 500 or System 5000 zones in the same position and order as the LEDs on the front panel. As a jumper option, the AFM may display the System 500 or System 5000 CPU indicators, or it may omit these and start at the first zone card.

The AFM includes a system trouble LED and sounder. The sounder may be permanently silenced by cutting a jumper.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact NOTIFIER. Phone: (203) 484-7161 FAX: (203) 484-7118

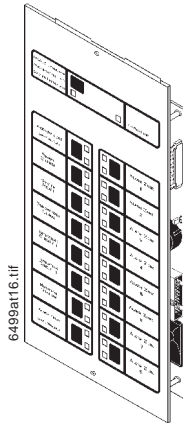


12 Clintonville Road, Northford, Connecticut 06472



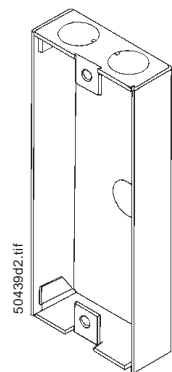
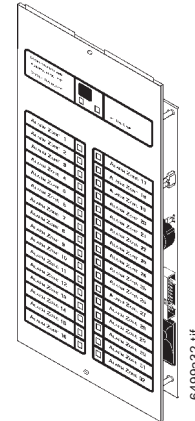
Made in the U.S.A.

## PRODUCT LINE INFORMATION



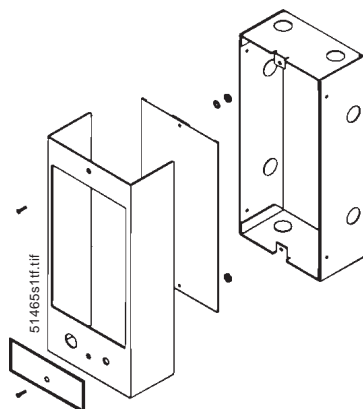
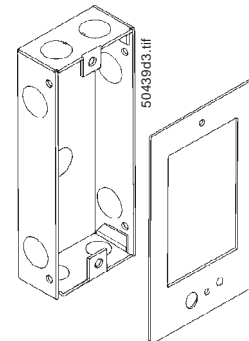
**AFM-16AT:** (shown at left) The Annunciator Fixed Module, 16 Alarm LEDs, 16 Trouble LEDs, 16 switches. Switches may be programmed for remote Acknowledge, Silence, Drill and Reset. Includes On-Line/Power LED, System Trouble LED, and Lamp Test/Local Acknowledge switch. Includes slip-in labels and instructions. 8.375" (21.27 cm) high; 4.375" (11.11 cm) wide.

**AFM-32A:** (shown at right) The Annunciator Fixed Module, 32 Alarm LEDs. Includes On-Line/Power LED, System Trouble LED, and Lamp Test/Local Acknowledge switch. Includes slip-in labels and instructions. 8.375" (21.27 cm) high; 4.375" (11.11 cm) wide.



**ABS-1B:** (shown at left) The Annunciator Surface Box-1B (black) provides for the remote mounting of a single AFM-16AT or AFM-32A annunciator in a surface-mount enclosure. Knockouts are provided for use with 1/2" (1.27 cm) conduit. The annunciator mounts directly to the ABS-1B without a dress plate. Includes necessary hardware. Black, 8.5" (21.59 cm) high x 4.5" (11.43 cm) wide x 2" (5.08 cm) deep. **NOTE:** The ABS-1B will NOT support the installation of the AKS-1B Annunciator Key Switch.

**ABF-1B:** (shown at right) The Annunciator Flush Box-1B (black) provides for the remote mounting of a single AFM-16AT or AFM-32A. Knockouts are provided for use with 1/2" (1.27 cm) conduit. The ABF-1B includes a painted black metal trim plate [11" (27.94 cm) high x 6.25" (15.875 cm) wide], mounting hardware, and an adhesive-backed annunciator label for the dress plate. Black, 9.938" (25.24 cm) high x 4.625" (11.75 cm) x 2.5" (6.35 cm) deep.



**ABS-1TB:** (shown at left) The ABS-1TB (black) is an attractive surface-mount backbox for mounting one AFM Series Annunciator. Unlike the ABS-1B, the ABS-1TB has an increased depth that allows mounting the APJ-1B Annunciator Phone Jack and AKS-1B Annunciator Key Switch. Black, 9.938" (25.24 cm) high x 4.625" (11.75 cm) wide x 2.5" (6.35 cm) deep.

**AKS-1B:** The Annunciator Key Switch-1B (black) provides access security for the control switches on the AFM-16AT. The key switch kit includes a key, connection cable, and hardware for mounting to the ABF-1B or ABS-1TB. Also included is an adhesive-backed annunciator label for use with the key switch/dress plate assembly.