



**MEA**  
approved

## FEATURES

- Provides up to 8 zones of annunciation
- Bi-Colored LED's that are automatically red for Alarm and amber for supervisory
- Signal Silenced, Buzzer Silenced, System Reset, and Lamp Test switches
- Key required for operation per NFPA 72
- Up to 3-RA8F per PFC-5004, PFC-5004E, or PFC-5008
- LED's for AC power, Common Trouble, and Signal Silenced
- 35 mA standby current, 90 mA maximum Alarm Current

## DESCRIPTION

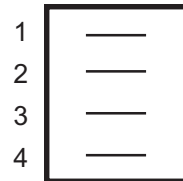
The RA8F is a remote annunciator for the PFC-5004, PFC-5004E and PFC-5008 conventional fire alarm control panels. The RA8F communicates using a RS-485 connection to the main panel to provide common indication of AC power, Common Trouble and Signal Silence. In addition, the RA8F provides 8 bi-colored LED's that indicate Red for an Alarm condition and Amber for a Supervisory condition.

The common switches are disabled until the key switch is activated. The common switches, when activated, will act exactly the same as the main fire alarm panel. Up to three of the RA8F annunciators may be installed on a single fire panel. The RA8F mounts on a four gang electrical box and has labels provided for identifying the LED's. The RA8F is available in red or white

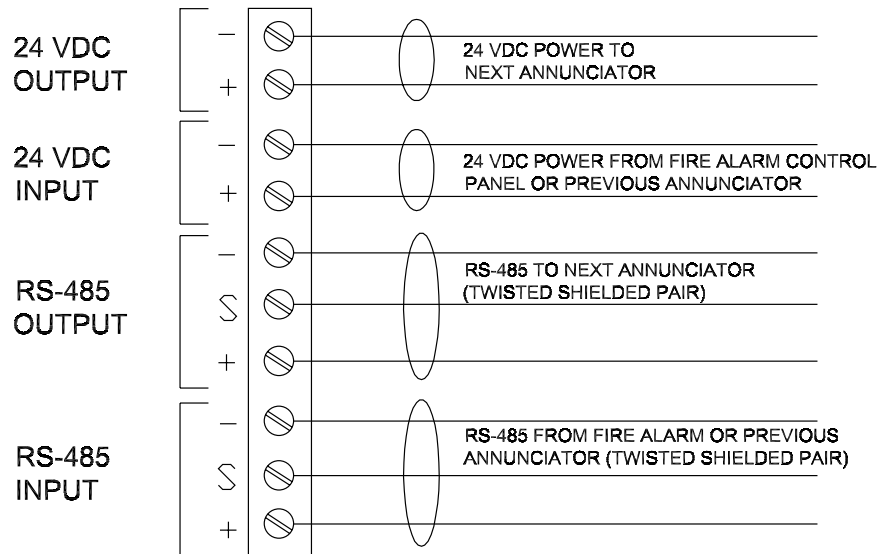
**ADDRESS SETTING**

Annunciator Address	Dip Switch Settings		
	SW-1	SW-2	SW-3
1	On	Off	Off
2	Off	On	Off
3	On	On	Off

Up to three RA8F annunciators can be attached to the PFC-5000 series (excluding the PFC-5002). The address needs to be set sequentially for operation. In addition, the main FACP must have the dip switches configured for the number of annunciators attached.



**WIRING DIAGRAM**



DWG. #202-1

**ENGINEERING SPECIFICATION**

The contractor shall furnish and install the RA8F Remote Annunciator where indicated on the plans. The RA8F shall be used with compatible fire alarm control panels in particular the four zone and greater PFC-5000 series. The RA8F shall mount in a four-gang box and can be either surface mounted or flush mounted without any additional accessories. The fire alarm control panel shall be capable of a maximum of three (3) RA8F annunciators. The annunciators shall be available in the colors of red and white. The RA8F shall require 24 VDC power as well as shielded RS-485 connection for communication.

The RA8F shall provide annunciation of AC power with a green LED, Common Trouble and Signal Silenced with an amber LED. In addition, all switches shall be disabled until the keyed enable switch is activated. When the Enable Switch is activated, the common switches shall then be active and capable of controlling the system. The common switches shall include Buzzer Silence, Signal Silence, Lamp Test and System Reset.