

# 6855

## Remote Annunciator

The 6855 is a powerful remote annunciator that connects to compatible Silent Knight fire alarm control panels. This annunciator has five LEDs that can signal an event status such as, alarms, supervisories, troubles, system silence and AC power.

The 6855 and the FACP communicate over a two-wire serial interface employing the SBUS communication format. Connected devices are powered, via two additional wires, by either the host FACP or a remote UL-listed, filtered power supply. The 6855 displays English-language text of system point information including device type, zone, independent point alarm, trouble or supervisory status, as well as any custom alpha labels programmed into the control panel. It includes control switches for remote control of critical system functions. (A keyswitch prevents unauthorized operation of the control switches.) Multiple annunciators may be connected to each SBUS of a FACP. No programming is required, which saves time during system commissioning.

The 6855 Remote Annunciator can be used to operate and program the Silent Knight Series Fire Control Panels. The remote annunciator connects to the control panel via the RS-485 system bus. When the system is in normal operation and has AC power, the Power LED is lit and all other LEDs are off. The other LEDs turn on as alarms, supervisories, troubles, system silenced and AC power losses occur.

### INSTALLATION

The 6855 offers surface- or flush-mounted options. Use the optional trim ring for surface mounts. If you select flush mounting, an electrical box is optional. The electrical box options are a 4S, single-gang, or a double-gang box.

### COMPATIBILITY

The 6855 is compatible with the following Silent Knight FACPs:

- 6820
- 6820EVS
- 6808
- 6700

### FEATURES AND BENEFITS

- Complies with UL 864 10th and UL 2572 2nd Edition Standards
- Complies with NFPA 72
- Contains an 80-character backlit LCD display (4 lines with 20 characters on each line)
- Offers a user-friendly, touchscreen and broadcasts audible messaging
- Supports accurate programming and easy operation
- Provides an RS-485 SBUS interface to the panel
- Includes larger keypad buttons for system reset and silence
- Initiate and end fire drills with a single key press
- View current status by alarms, supervisories or troubles
- Has an onboard piezo sounder to broadcast audible alarms, troubles, and supervisories
- Includes the following five status LEDs:
  - alarms
  - supervisory
  - trouble
  - silence
  - AC power indications
- Accommodates wiring lengths up to 6,000 ft. from the control panel to offer flexible easy-to-access installations
- Designed to accept user codes or fire fighter's key to access the system
- Supports the simultaneous use of multiple annunciators
- Offers the option to be flush- or surface mounted depending on the installation requirements
- Trim ring available for surface mounting
- Available in red color



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# 6855 TECHNICAL SPECIFICATIONS

## PHYSICAL

### Flush Mount:

(Outside wall): 12.25"W x 11.05"H x .875"D  
(31.01W x 29.02H x 2.02D cm)  
(Inside wall): 9.375"W x 8.875"H x 2.0"D  
(23.08W x 21.03H x 5.01D cm)

### Surface Mount:

(Including Trim Ring):  
12.25"W x 11.05"H x 3.0"D  
(31.01W x 29.02H x 2.02D cm)

## ENVIRONMENTAL

**Operating Temperature:** 32°F to 120°F  
(0°C to 49°C)

**Humidity:** 10% to 93% relative humidity  
(non-condensing)

## ELECTRICAL

**Operating Voltage:** 24VDC

**Standby Current:** 59mA

**Alarm Current:** 92mA

**Wiring Distance:** Up to 6,000 ft max. from  
the FACP (depending on the wiring method)

**Max per System:** 6700: 8, 6808: 12,  
6820/EVS: 16

## ORDERING INFORMATION

**6855:** Remote Annunciator  
Four line (4x20) LCD annunciator, red

## OPTIONAL ACCESSORIES

**RA-100TR:** Surface Mount Trim Ring, red

## STANDARDS AND CODES

The 6855 complies with the following standards and codes.

- UL 864, 10th Edition: Standard for Control Units for Fire Alarm Systems
- UL 2572, 2nd Edition: Standard for Mass Notification Systems
- NFPA 72

## AGENCY LISTING AND APPROVALS

- UL Listed: S3511
- CSFM Approved # 7165-0559:0500
- FDNY Approved

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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.

Country of origin: U.S.A.

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351613 | B | 04-22  
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