

# 5860/5860R

## Remote Annunciator

The 5860/R operates and programs Silent Knight® fire alarm control panels (FACPs). The 5860/R's keypad and display match the built-in annunciator of the FACP.

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 5860/R can be surface or flush mounted. Use the optional trim ring for surface mounts. When flush mounting, an electrical box is optional. If using an electrical box, use a 4S, single-gang, or double-gang box.

### COMPATIBILITY

The 5860/R is compatible with the following Silent Knight FACPs:

- 6820/6820EVS
- 6808
- 6700
- 5820XL/5820XL-EVS
- 5808
- 5700



## FEATURES AND BENEFITS

- UL listed. Complies with UL 864, 10th Edition; UL 2572, 2nd Edition; and NFPA 72
- 80-character backlit LCD display (4 lines with 20 characters on each line)
- Tactile/audible feedback
- RS-485 SBUS interface to panel
- 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
- On-board piezo sounder audibly indicates alarms, troubles, and supervisories
- Five status LEDs for; alarms, supervisory, trouble, silence and AC power indications
- Available in red or gray color
- Accepts user codes or fire fighter's key
- Support for simultaneous use of multiple 5860/Rs
- Wiring lengths up to 6000 ft. (1.83 km) from the FACP

# 5860/5860R TECHNICAL SPECIFICATIONS

## PHYSICAL

**Dimensions:** 9.1" W x 7.4" H x 1.5" D  
(23.1 cm W x 18.8 cm H x 3.8 cm D)

**Shipping Weight:** 2.8 lbs (1.3 kg)

**Color:** Red or Gray

## ENVIRONMENTAL

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

**Humidity:** 10% to 93% relative humidity  
(noncondensing)

## ELECTRICAL

**Operating Voltage:** 24 VDC

**Standby Current:** 20 mA

**Alarm Current:** 25 mA

**Maximum Wiring Distance:** 6,000 ft. (1.83 km) from FACP (depending on wire gauge and number of devices on the SBUS)

## SYSTEM

**Maximum No. of 5860/Rs per System:**

- 8 for 5700 or 6700
- 12 for 5808 or 6808
- 16 for 5820XL/EVS or 6820/EVS

## ORDERING INFORMATION

**5860R:** Red four line LCD Remote Annunciator with 20 characters per line.

**5860:** Gray four line LCD Remote Annunciator with 20 characters per line.

## OPTIONAL ACCESSORIES

**5860TR:** Red Trim Ring for surface mounting.

**5860TG:** Gray Trim Ring for surface mounting.

## STANDARDS AND CODES

The 5860/R complies with the following standards/codes:

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

## AGENCY LISTINGS AND APPROVALS

- UL Listed
- FDNY - COA (TBD)

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Country of origin: U.S.A.

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350224 | 11/21  
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