

RA-1000

Remote Annunciator

General

The RA-1000 is a remote annunciator used to operate and program IFP-series fire alarm control panels (FACPs). The RA-1000's keypad and display match the built-in annunciator of the GWF-7075 fire alarm control panel. The remote annunciator connects to the fire alarm 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. When any of the following conditions occur, the following LEDs turn on:

- Alarms
- Supervisories,
- Troubles
- System Silenced
- AC power losses

Installation

The RA-1000 can be surface or flush-mounted. Use the optional trim ring for surface mounts. The flush-mount electrical box is optional. If you require an electrical box, use a 4S, single-gang or double-gang box.

Compatibility

The RA-1000 is compatible with the following FACPs:

- GWF-7075 Intelligent Fire Alarm Control Panel

Ordering Information

RA-1000R: Remote Annunciator. Four line LCD annunciator with 20 characters per line, red.

RA-1000: Remote Annunciator. Four line LCD annunciator with 20 characters per line, gray.

Accessories:

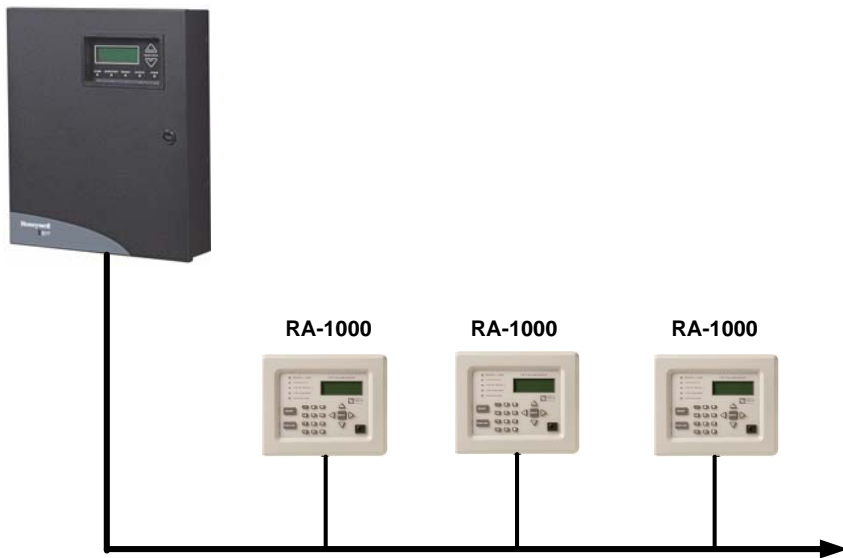
- 5860TR:** Red Trim Ring for surface mounting.
- 5860TG:** Gray Trim Ring for surface mounting.



RA-1000

FEATURES & BENEFITS

- Enclosure available in red or light gray
- Produces audio feedback
- Accepts the user codes or the fire fighter's key
- Offers an RS-485 interface to the panel
- Displays large keypad buttons for system reset and silence
- Includes the following five status LEDs:
 - alarm
 - supervisory
 - trouble
 - silence
 - AC power conditions
- Has an 80-character backlit LCD display that shows 4 lines with 20 characters on each line
- The remote annunciator operation and appearance is identical to the GWF-7075 built-in annunciator
- Installs up to eight RA-1000s per GWF-7075
- Supports a simultaneous use of multiple RA-1000s
- Provides an on-board piezo sounder with audio that broadcasts alarms, troubles, and supervisories
- Use wiring lengths up to 6,000 ft. from the FACP (depending on the wire gauge and the number of devices on the SBUS)



Note 1: Install up to 8 RA-1000s per System for the GWF-7075.

Note 2: Includes an 80-character backlit LCD display.
(4 lines with 20 characters each).

Note 3: Use wiring lengths up to 6,000 ft. from the fire alarm control panel.

Figure 1 RA-100 Panel Setup

RA-1000 Technical Specifications

SYSTEMS

Physical:

- Height:** 7.4" (18.8 cm)
- Width:** 9.1" (23.1 cm)
- Depth:** 1.5" (3.8 cm)
- Shipping Weight:** 2.8 lbs (1.3 kg)

Color:

- RA-1000R:** Red
- RA-1000:** Gray

Electrical:

- Operating Voltage:** 24 VDC
- Standby Current:** 20 mA max
- Alarm Current:** 25 mA
- Wiring Distance:** 6,000 max. from FACP (depending on wire gauge and number of devices on the SBUS)

Environmental:

- Operating Temperature:** 32°F – 120°F (0°C – 49°C)
- Humidity:** 10% – 93% non-condensing

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F).

However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

Standards

The GFPS-6S is designed to comply with the following standard:

UL Standard: 864 9th Edition and 1481

Agency Listings and Approvals

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process.

Consult factory for latest listing status.

UL: 864

1481 listed

CSFM approved

MEA approved

ISO 9001 Certification

For a complete listing of all compliance approvals and certifications, please visit: <http://www.gamewell-fci.com/en-US/documentation/Pages/Listings.aspx>

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For more information

Learn more about Gamewell-FCI's RA-1000 and other products available by visiting www.Gamewell-FCI.com

Honeywell Gamewell-FCI

12 Clintonville Road
Northford, CT 06472-1610
203.484.7161
www.honeywell.com

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