

RA-100

Remote Annunciator

The RA-100 is a powerful remote annunciator that connects to compatible Farenhyt 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 RA-100 Remote Annunciator can be used to operate and program the Farenhyt 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 RA-100 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 RA-100 is compatible with the following Farenhyt FACP's:

- IFP-2100, IFP-2100B, IFP-2100HV, IFP-2100HVB
- IFP-2100ECS, IFP-2100ECSB, IFP-2100ECSHV, IFP-2100ECSHVB
- RFP-2100, RFP-2100B, RFP-2100HV, RFP-2100HVB
- IFP-300, IFP-300B, IFP-300ECS, IFP-300ECSB
- IFP-75, IFP-75B, IFP-75HV, IFP-75HVB
- IFP-1000, IFP-1000ECS, IFP-100, IFP-100ECS



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

Honeywell

Farenhyt Series

RA-100 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: IFP-50 or IFP-75 (8)
IFP-100 or IFP-1000 (12)
IFP-300 (16)
IFP-2100 (31)

ORDERING INFORMATION

RA-100: Remote Annunciator. Four line
LCD annunciator, red

OPTIONAL ACCESSORIES

RA-100TR: Surface Mount Trim Ring, red

STANDARDS AND CODES

The RA-100 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
- FDNY Approved
- FM Approved

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up-to-date and accurate. We cannot
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