Simplex

*UL, ULC, CSFM Listed; MEA (NYC) Acceptance**

Datasheet

System Accessories, LED Annunciators

ES Annunciator 4602 Alterable Cabinets

Description

The 4602 remote multicolor LED/switch annunciators, see Table 1, are available in pre-configured and configurable formats to support remote status indication and control for fire alarm systems.

Pre-configured annunciators: These annunciators feature a multicolor 32 LED panel and controller housed in a wall or flush-mount cabinet with integral back box. Each unit includes 32 programmable zone status LEDs. You can install multiple units for expanded zone coverage.

Configurable annunciators: These annunciators feature flexible remote system status and control in two-module and four-module cabinets. The cabinets accept various combinations of programmable multicolor 8 LED and 16 LED modules, LED switch modules, and vertical remote command unit (VRCU) modules.

Vertical remote command unit: The VRCU module includes 7 control switches and 6 zone status LEDs. These duplicate the switch functions of the host fire alarm control unit (FACU). You can secure access to the switches in the cabinet with a key lock. You can use the module to perform the following functions:

- Priority acknowledgement
- Supervisory acknowledgement
- Trouble acknowledgement
- Alarm silence
- System reset
- Manual evacuation

Figure 1: 4602-1478 2-slot Non-configurable Remote Annunciator



Figure 2: 4602-1480 4-slot enclosure



Features

The 4602 remote multicolor LED/switch annunciators, see Table 1, have the following features:

Flexible configuration:

- 2-slot and 4-slot cabinet formats
- Programmable multicolor LED modules, switch modules, and VRCU modules

System compatibility: Compatible with Simplex® 4007ES, 4010ES, and 4100ES fire alarm control units.

Communication wiring: Supervised RUI communication through twisted, shielded wire pair. Power supplied through a separate wire pair.

Mounting options: Surface or flush-mount with integral electrical box.

Compliance:

- UL listed to Standard 864
- ULC listed to CAN/ULC S527

Software programmable LEDs: These eliminate the need for physical LED replacement or setting DIP switches. Choose from the following color options:

- Red-green-blue
- Red-green-yellow

* This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. See CSFM Listing 7120-0026:0156 for allowable values and/or conditions concerning material presented in this document. It is subject to re-examination, revision, and possible cancellation. Accepted for use – City of New York Department of Buildings – MEA35-93E. Additional listings may be applicable; contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Fire Protection Products.

© 2026 Johnson Controls. All rights reserved.

Compact design: The cabinets are slightly larger than the modules to save wall space.

All-inclusive packaging: The packaging includes a controller, cabinet, and back box. The flush-mount units include a trim plate. Only status/control modules are required for configuration.

Security: All cabinets feature key-lock doors to prevent unauthorized access.

Zone identification: You can use slip-in labels to identify zones. You can use programming software to enter detailed local zone information on the blank label.

LED testing: You can use the internal push-button test switches to test LEDs.

Wiring: Terminal blocks for easy wiring.

Product selection

Table 1: Remote annunciator cabinets, preconfigured and configurable

PID	Description
4602-1478	32 LED remote annunciator and controller in wall mount cabinet. Platinum finish.
4602-1483	32 LED remote annunciator and controller in flush mount cabinet with trim plate. Platinum finish.
4602-1479	Two-slot cabinet for remote annunciator and controller. Wall mount. Platinum finish.
4602-1484	Two-slot cabinet for remote annunciator and controller. Flush mount with trim plate. Platinum finish.
4602-1480	Four-slot cabinet for remote annunciator and controller. Wall mount. Platinum finish.
4602-1485	Four-slot cabinet for remote annunciator and controller. Flush mount with trim plate. Platinum finish.

Table 2: LED modules, LED switch modules, and vertical remote command unit (VRCU)

PID	Description
4100-1461	8 switch, 8 RGY LED module
4100-1462	8 switch, 16 RGY LED module
4100-1463	16 switch, 16 RGY LED module
4100-1459	8 RGY LED module
4100-1464	8 RGB LED module
4100-1460	16 RGY LED module
4602-1457	Vertical remote command unit (VRCU) module. It includes seven switch control buttons and six fixed color LEDs: The LED are for Fire Alarm Ack. (red), Priority 2 Ack (white), Supervisory Ack. (yellow), Trouble Ack. (yellow), Alarm Silence (yellow), and Manual Evac. (red)

Table 3: Remote annunciator accessories

PID	Description
4602-1476	Single, blank 2 in. wide module opening cover. Order as required
4602-1451	64 LED, 64 switch controller with remote unit interface (RUI) communications. Service only.
526-873	Blank, slide-in label for 8 LED modules, 16 LED modules, 8 LED switch modules, 16 LED switch modules, and pre-configured 32 LED remote annunciators. Each product includes one blank label sheet.
623-2745	Blank, slide-in label for VRCU module. **Note:** The VRCU includes one combination pre-printed and one blank label sheet.

Table 4: Technical publications reference

Document number	Description
05791436	ES Annunciator 4602 enclosure installation instructions
05791438	32 LED non-configurable remote annunciator installation instructions
05791167	4007ES fire alarm systems programming
0579849	4100ES and 4010ES FACP programming guide, for remote annunciator programming information

Specifications

Table 5: Product specifications by model

PID	Electrical ratings	Dimensions H x W x D in. (mm)	Weight lbs (kg)
4100-1457	From FACU: 18.9 to 32 VDC	—	—
4100-1459	Current, module only: • Supervisory is 0.08 mA • Alarm is 0.24 mA		
4100-1460			
4100-1461	From FACU: 18.9 to 32 VDC Voltage, module only: • Supervisory is 0.08 mA • Alarm is 0.24 mA		
4100-1462	From FACU: 18.9 to 32 VDC Current, module only: • Supervisory is 0.08 mA • Alarm is 0.24 mA		
4100-1464			
4100-1463			

© 2026 Johnson Controls. All rights reserved.

Table 5: Product specifications by model

PID	Electrical ratings	Dimensions H x W x D in. (mm)	Weight lbs (kg)
4602-1478	From FACU: 18.9 to 32 VDC Voltage, controller only: • Supervisory is 0.08 mA • Alarm is 0.24 mA	12 13/16 x 9 1/16 x 2 5/8. (325 x 230 x 67)	6.96 (3.16)
4602-1479			
4602-1480			
4602-1483		14 1/2 x 10 13/16 x 2 5/8. (368 x 275 x 66)	7.45 (3.38)
4602-1484		14 1/2 x 13 1/16 x 3 3/16 (325 x 331 x 80)	7.83 (3.55)
4602-1485		28 11/16 x 14 13/16 x 3 1/8 (728 x 377 x 79)	8.38 (3.80)

Table 6: Capacity

System	Details
4100ES	Up to 31 remote annunciators
4010ES	Up to 20 internal or external card addresses including remote annunciators
4007ES	Up to 10 total RUI annunciators

Table 7: Wiring requirements

Parameter	Specification
Data wiring	Single, twisted shielded pair, 18 AWG (0.82 mm x 2)
Power wiring	18 to 12 AWG (0.82 mm to 3.32 mm x 2)
Earth wiring	Dedicated earth ground connection to the electrical box required for ESD and EMI protection

Table 8: Environmental and communication requirements

Parameter	Specification
Communication	Remote unit interface (RUI) external annunciator communications line signaling line circuit (SLC)
Operating temperature	32°F to 120°F (0°C to 49°C)

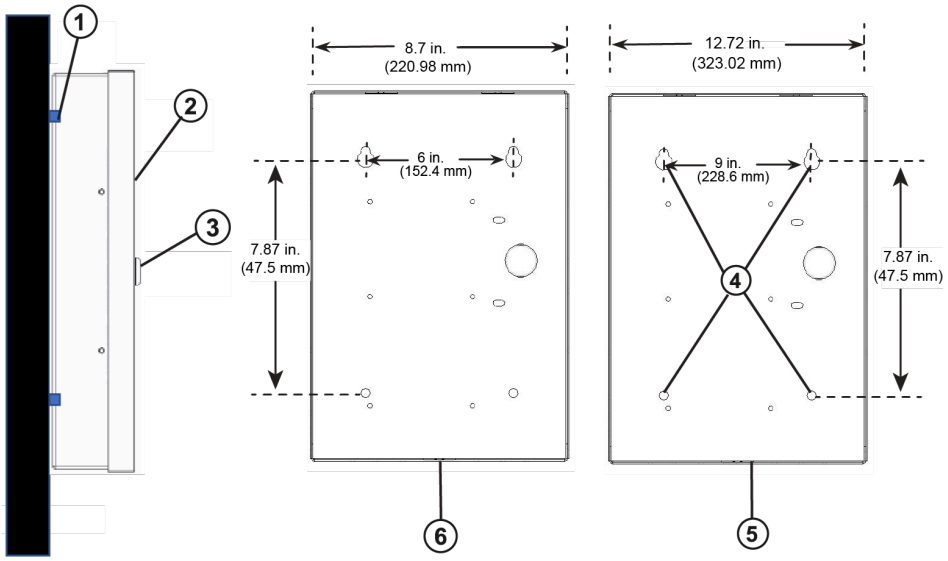
Mounting the cabinet

This section contains guidelines for wall and flush cabinet mounting.

Wall mounting overview

Mount the cabinet as shown in Figure 3. Use the holes on the back of the cabinet to secure it to the wall with four 1/4 in.-20 (M6) screws with washers.

Figure 3: Wall mounting



Callout	Description
1	Alignment markers for wall studs
2	Door
3	Key lock
4	Four holes to secure the cabinet to the wall
5	Four slot wall mount
6	Two slot wall mount

Note: If you require retrofit with a gang box, use the knockout on the back of the cabinet. For instructions on mounting to a gang box, refer to *ES Annunciator 4602 Alterable Enclosures Installation Instructions (05791436).*

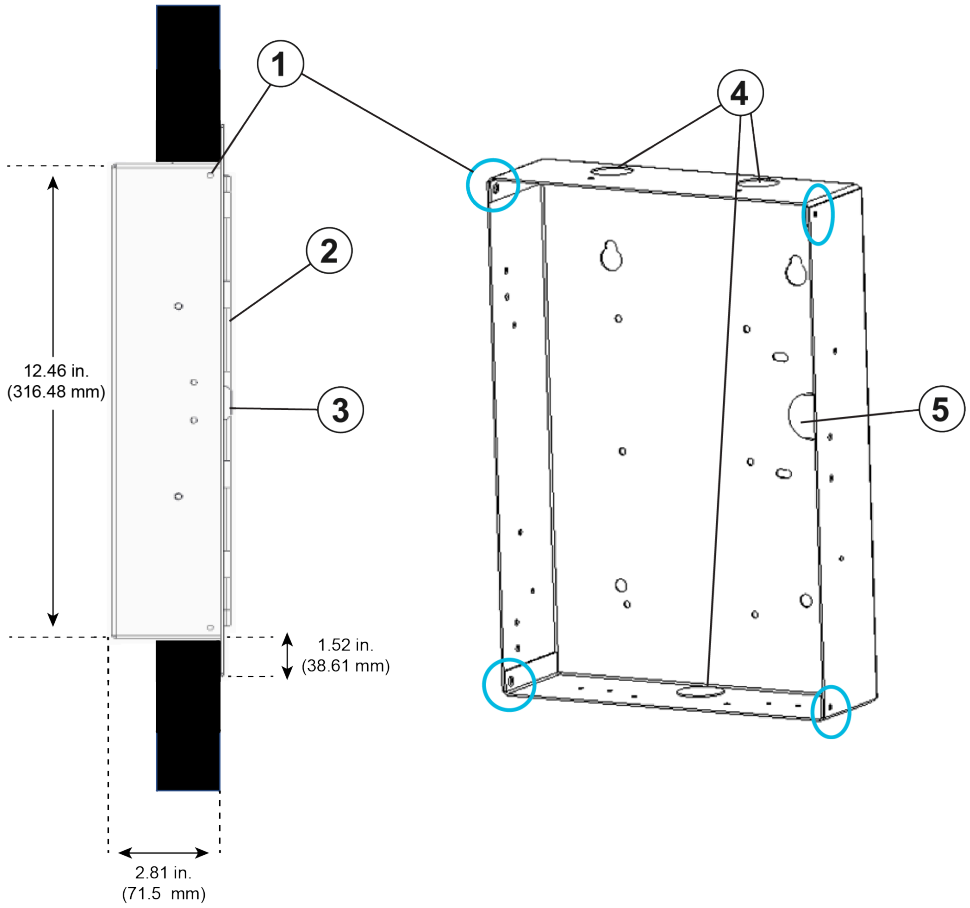
© 2026 Johnson Controls. All rights reserved.

Flush mounting overview

To flush mount, use the dimensions shown in Figure 4 and cut a hole in the wall. The width of the flush mount cabinet is the same as the wall mount, see Figure 3. You can make the height of the hole slightly larger than the height of the cabinet because the 1.52 in. (38.61 mm) trim on each side of the cabinet covers the gap. Use the four holes on the top and bottom sides of the cabinet to secure it to the wall with four 4-40 (M3) screws with washers.

The cabinet has two knockouts on top, and one on the back for the cable installation. See Figure 4.

Figure 4: Flush mounting



Callout	Description
1	Holes to attach the cabinet to the wall, four total (circled in blue)
2	Door
3	Key lock
4	Knockouts
5	Knockout for gang box cable

All specifications and other information shown were current as of document revision (June 2026) and are subject to change without notice. Additional listings may be applicable, contact your local Simplex® product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. Simplex, and the product names listed in this material are marks or registered marks. Unauthorized use is strictly prohibited. NFPA 72 and National Fire Alarm Code are registered trademarks of the National Fire Protection Association (NFPA).