

## Features

### Remote LED status annunciation with available remote panel input switch control:

- Compatible with Autocall 4007ES, 4010ES, 4100ES series fire alarm control panels
- Also compatible with Autocall legacy panel model series 4100 and Universal Transponders (UT)
- Supervised RUI (remote unit interface) communications require a single, twisted, shielded wire pair to the fire alarm control panel (power is supplied via a second wire pair)
- Red zone status LEDs are provided with preprinted zone numbers or can be individually labeled as desired
- LEDs are pluggable for color changing or replacement; on-board internal pushbutton switch provides LED test
- Surface or flush-mount on standard electrical boxes
- UL listed to Standard 864

### Available as single units or can be ordered modular for up to 4 units in a common cabinet:

- **A602-9101, Status Command Unit (SCU)** provides 16 red LED zone status indicators
- **A602-9102, Remote Command Unit (RCU)** provides 8 red LED zone status indicators; local power (green) and trouble (yellow) LEDs; local tone-alert; and switches for Trouble Silence, Alarm Silence, System Reset, and Manual Evacuation (EVAC)
- **A602-8001** Series panels provide selection of a remote cabinet that can mount one RCU and up to three SCUs; options include beige or stainless steel flush mount doors
- **Graphic I/O Board Assemblies** are available separately for use with listed custom graphic annunciator panels; available stand-alone (A602-9150), or plate mounted (A602-7101); selectable as SCU or RCU; terminal blocks are provided for LED, switch, and LED test feature connections

## Description

### Status Command Units (SCU)

Status Command Units provide 16 red zone status LEDs. Multiples may be mounted together for additional zone coverage.

### Remote Command Units (RCU)

Remote Command Units provide 8 red zone status LEDs, and control switches duplicating the switch functions of the host Fire Alarm Control Panel. A keyswitch enables the control switches. A green LED indicates power is present and a yellow LED indicates trouble.

### Zone identification

Zone identification (i.e., Zone 1, Zone 2) is provided on "slip-in" labels. Detailed local zone information may be typed on the blank reverse side (i.e., East Wing, First Floor, etc.) of the label. Pushbutton LED test switches are located internally for "lamp test" feature. Terminations are via convenient terminal block connections.

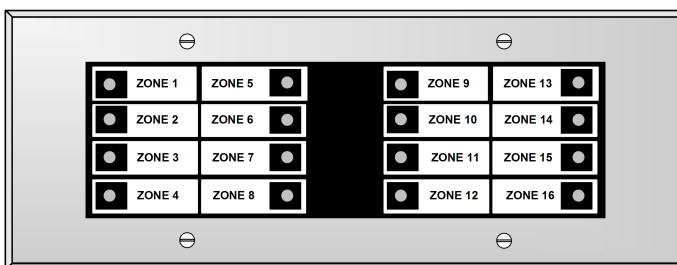


Figure 1: A602-9101 Status Command Unit (SCU)

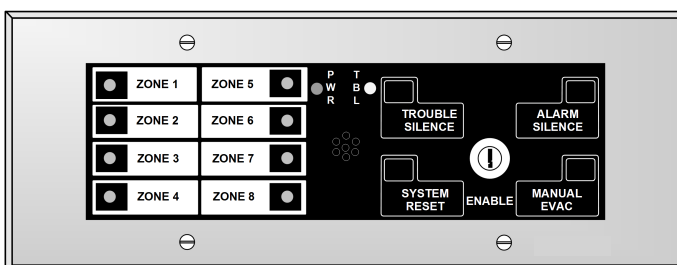


Figure 2: A602-9102 Remote Command Unit (RCU)

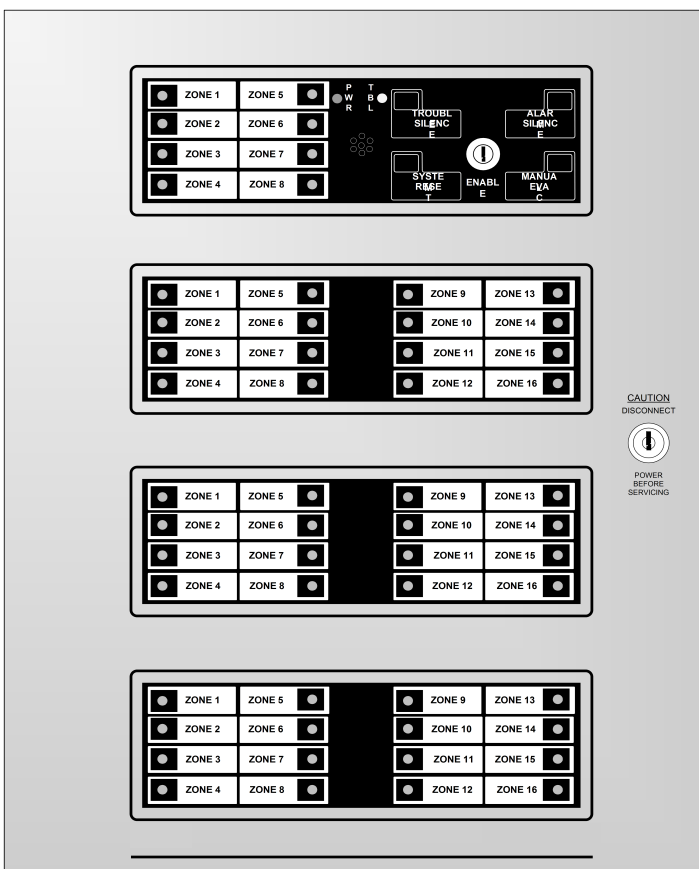


Figure 3: A602-8001 Annunciator Package with RCU on top and three SCUs (shown as standard surface mount trim)

## A602 Series SCU (Status Command Units) and RCU (Remote Command Units)

### Product Selection

**Table 1: Individual LED/Switch Annunciators; Six-Gang box mounting**

SKU	Description	Mounting Reference
A602-9101	Status Command Unit (SCU) with beige trim plate	Trim dimensions = 11 <sup>13</sup> / <sub>16</sub> " W x 4 1/2" H (114 mm x 300 mm)  Mounts on 6-gang box, 1 1/2" minimum depth (38 mm)
A602-9102	Remote Command Unit (RCU) with beige trim plate	Trim dimensions = 11 <sup>13</sup> / <sub>16</sub> " W x 4 1/2" H (114 mm x 300 mm)  Mounts on 6-gang box, 1 1/2" minimum depth (38 mm)
A602-9111	Brushed stainless steel trim plate option for either A602-9101 or A602-9102, includes both slotted and tamper resistant screws	Trim dimensions = 11 <sup>13</sup> / <sub>16</sub> " W x 4 1/2" H (114 mm x 300 mm)  Mounts on 6-gang box, 1 1/2" minimum depth (38 mm)
2975-9206	Surface mount box option for use with A602-9101 or A602-9102; painted steel, ivory finish; dimensions = 11 <sup>31</sup> / <sub>32</sub> " W x 4 5/8" H x 2 3/4" D (304 mm x 117 mm x 70 mm)	N/A

**Table 2: Individual Graphic I/O Module; for use with listed custom graphic annunciator panels**

SKU	Description
A602-9150	Graphic I/O RCU/SCU Board Assembly; operation is switch selectable as either RCU or SCU; dimensions = 5 1/8" x 7" (130 mm x 178 mm); see illustration reference below

**Table 3: Plate Mounted Graphic I/O Modules; for use with listed custom graphic annunciator panels**

SKU	Description
A602-8103	Graphic I/O Mounting Plate for up to four (4), A602-7101 Graphic I/O RCU/SCU modules; dimensions = 16 1/8" W x 11 1/8" H (409 mm x 282 mm)
A602-8902	Select when adding A602-7101 modules in the field to an existing Graphic I/O annunciator mounting plate
A602-7101	Graphic I/O RCU/SCU module for mounting on A602-8103 plate (up to four); operation is switch selectable as either RCU or SCU; includes power and control wiring harnesses

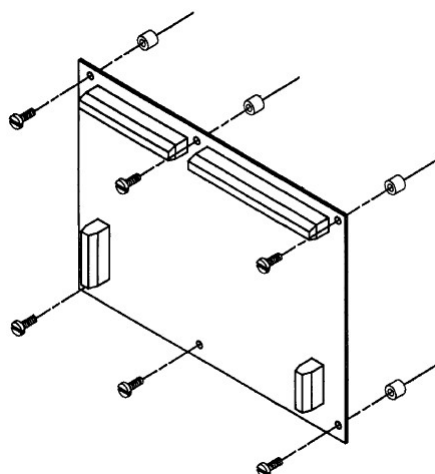
**Table 4: Modular LED/Switch Annunciators; Cabinet Mounted**

SKU	Description	Mounting Reference
A602-8001	Basic annunciator panel; has space for up to 4 RCU/SCU modules, ordered separately as listed below	N/A
A602-8901	Select when adding features in the field to an existing A602 Modular LED/Switch annunciator cabinet	N/A
A602-7001	Remote Command Unit (RCU) module; typically one used per A602-8001	Up to four modules may be selected for one A602-8001
A602-6001	Status Command Unit (SCU) module; up to 4 may be selected	Up to four modules may be selected for one A602-8001
A602-5001	Select when no A602-7001 or A602-6001 modules are to be selected; blank filler plates will be provided	N/A
A602-2201	Beige	Flush mount door and trim option; overall dimensions = 16" W x 20" H (406 mm x 508 mm)
A602-2202	Stainless Steel	Flush mount door and trim option; overall dimensions = 16" W x 20" H (406 mm x 508 mm)

**Table 5: SCU/RCU Options**

SKU	Description
4602-9110	Eight (8) pluggable Yellow LEDs; for field replacement of standard red LEDs
4602-9112	Zone labels numbered 1 through 64

## A602-9150 Graphic I/O RCU/SCU Board Only Installation Reference



**Figure 4: Installation Reference**

- Board size is 5 1/8" x 7" (130 mm x 178 mm).
- Orientation may be vertical or horizontal.
- Mount within the listed custom graphic annunciator enclosure or within a listed steel box close-nipped to the annunciator.
- Required mounting hardware (not supplied): 6, 6-32 screws, 1/2" (12.7 mm) minimum length; 6 standoffs 3/8" (9.5 mm) minimum length.
- Refer to Figure 4 for details.

**Note:** For multiple custom annunciator Graphic I/O applications, use model A602-7101 for mounting up to four on plate A602-8103.

## Specifications

**Table 6: Specifications**

Specification		Rating
<b>Voltage</b>		18.9 to 32 VDC from fire alarm control panel
<b>Current</b>	<b>A602-9101 SCU</b>	Supervisory = 36 mA; Alarm = 55 mA
<b>Current</b>	<b>A602-9102 RCU</b>	Supervisory = 40 mA; Alarm = 80 mA
<b>Current</b>	A602-9150 Graphic I/O Module	Supervisory = 40 mA; Alarm = 65 mA minimum, up to 2.5 A maximum; LED/lamp driver outputs are rated 150 mA maximum each
<b>Communications</b>		RUI (Remote Unit Interface) external annunciator communications line SLC (signaling line circuit)
<b>4100ES/4100U Capacity, Per RUI Output</b>		Up to 31 remote annunciators/MINIPLEX transponders per channel including the A4603-9101 LCD Annunciator, the SCU, and the RCU; refer to data sheet <b>AC4100-0031</b> for additional 4100ES information
<b>4010ES Capacity</b>		Up to 20 internal or external card addresses including A4603-9101 LCD Annunciators, the SCU, and the RCU; refer to data sheets AC4010-0004 for additional 4010ES information
<b>4007ES Capacity</b>		Up to 10 total RUI annunciators
<b>Wiring Requirements</b>	<b>Data</b>	Single twisted, shielded pair, 18 AWG (0.82 mm <sup>2</sup> )
	<b>Power</b>	18 to 12 AWG (0.82 mm <sup>2</sup> to 3.31 mm <sup>2</sup> )
	<b>Earth</b>	A dedicated earth ground connection to the electrical box is required for proper ESD and EMI protection; wire in accordance with NFPA 70 (National Electrical Code) Article 250
<b>Operating Temperature</b>		32 °F to 120 °F (0 °C to 49 °C)
<b>Operating Humidity</b>		Up to 93% RH, non-condensing @ 90 °F (32 °C) maximum

**Table 7: Additional References**

All	A602-9101 SCU and A602-9102 RCU	A602-9150 Graphic I/O Module
Field Wiring Diagram 841-780	Installation Instructions 574-015AC	Installation Instructions 574-024AC

## RCU/SCU Mounting

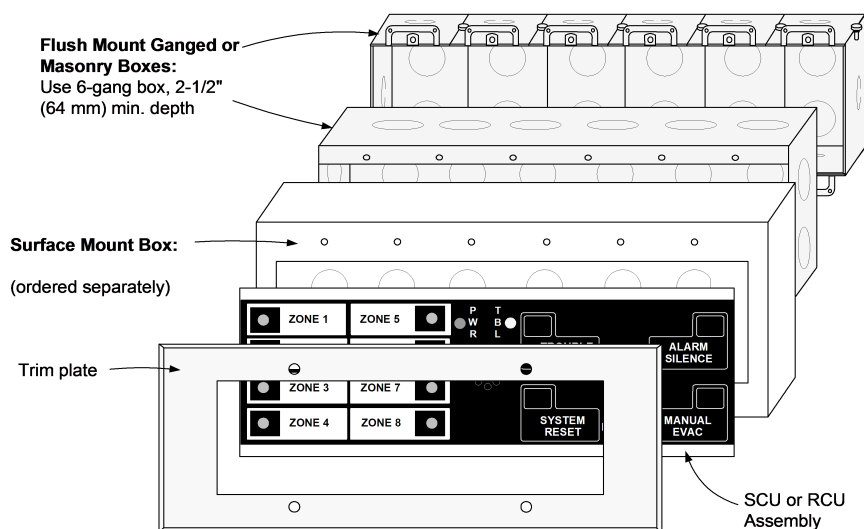


Figure 5: Mounting Reference

## A602-8001 Mounting Reference

