

DESCRIPTION

The IQ600LA LED Annunciators are used to display zone events which are from the fire alarm control panel. The IQ600LA is equipped with glass protection door and key. The zone messages can be changed by sliding in a paper strip. The annunciator is supplied with a PC board, trouble buzzer, cable and terminals. The IQ600LA is provided with 30 zones (2 LEDs + 1 button / zone) for alarm/ audible/trouble events display & control. It also comes with 35 zones (2 LEDs / zone) for alarm/audible/trouble events display. The control part of the annunciator provides information led (power, generic trouble, signal silence, ground fault) & audible on status. There are buttons to operate local buzzer silence, signal silence, lamp test and events reset. Communication with the fire alarm panel is via a CAN bus (individual address). The annunciator requires an external 24 V DC power source from the panel or local ULC power supply.



⚠ ATTENTION

The products must be installed in accordance with NFPA 72, CAN/ULC-S524, and/or Canadian Electrical Code depending on the country of installation. Check information of equipment used in the system by other manufacturers for any guidelines or restrictions. The detector should never be installed in the following locations: areas with excessive exhaust fumes, kitchen areas, near fireplaces, furnace rooms, etc. Smoke detectors are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose.

NOTE

Do not paint this device. Any material extrapolated from this document or from Fireguard's instructions or other documents describing the product for use in promotional or advertising claims, or for any other use, including a description of the product's application, operation, installation, and testing is the sole responsibility of the user. Fireguard will not assume any liability for such use. In no case will Fireguard's liability exceed the purchase price paid for a product.

KEYS

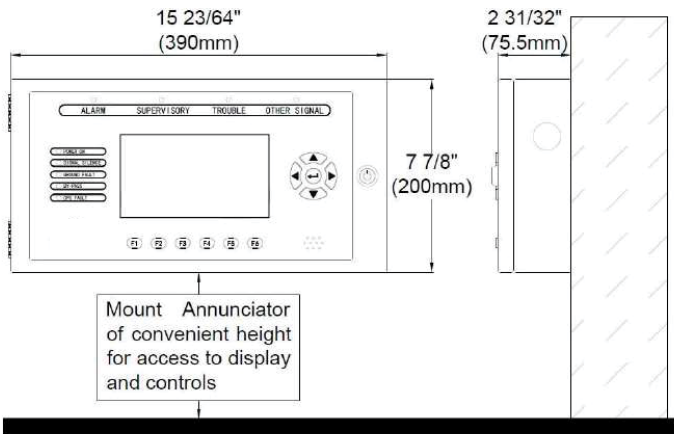
Keys	Functions
Silence	Silence local buzzer once it sounds.
Test	Test the LEDs and local buzzer on this LED ANN
Reset	Reset FACP and LED Ann to quiescent condition
Audible Silence	To Silence Zone NAC activated
Zone key	Active / De-active the NAC's in the zones config the key inside as "Audible active"
	Acknowledge events in the zones (config the key inside as "Acknowledge")

DISPLAY

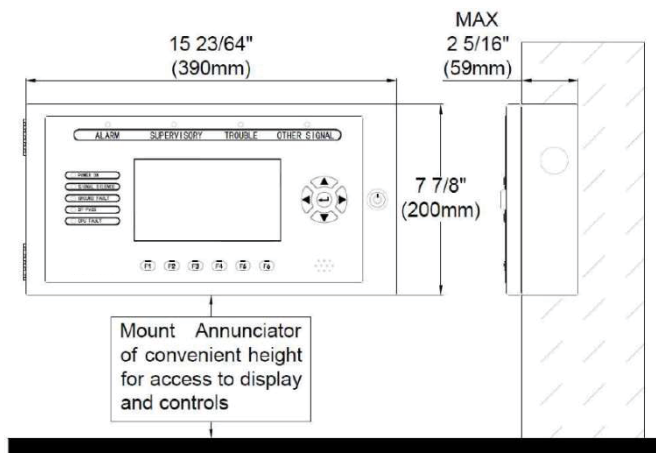
LEDs	Color	Status	Function
ZoneLED	RED	steady On	Indicates ZONE devices alarm exists, acknowledge
		Flashing	Indicates ZONE devices alarm exists, not acknowledge
		OFF	Indicates ZONE devices alarm exists,
Trouble	YELLOW	steady On	Indicates ZONE devices fault exists, acknowledge
		Flashing	Indicates ZONE devices fault exists, not acknowledge
		OFF	Indicates no ZONE devices fault exists,
	YELLOW	steady On	Indicates IQ600LA generic fault exists,(e.g. grounding trouble, CAN trouble..)
		OFF	No trouble
Ground Trouble	YELLOW	steady On	Indicates IQ600LA grounding trouble exists
		OFF	No grounding trouble
Audible On	RED	ON	Indicates at least one ZONE device in Audible On status.
		OFF	No Audible On
Power (general)	3 GREEN	ON	Running with power
		OFF	No power

INSTALLATION

The cabinet can be surface-mounted or flush-mounted. The mounting space is shown below.



(a) Surface mounting



(b) Flush mounting

SPECIFICATION

External power source	24 VDC (power by FACP or local ULC source)
Connection terminal	14 - 18 AWG
Quiescent current	33 mA
Activation current	33 mA
Operating Temperature	32°F - 120°F (0°-49°C) (UL) & 32°F - 122°F (0°-50°C)(Factory Tested)
Operating Humidity	0% to 93% RH (40+/- 2C)
Housing Colour	Grey with a window cover
Dimension	390 mm(L) x 75.5mm(W) x 200 mm(H)
Weight (with base)	2.6 kg
Operating location	Inside dry
Storage temperature	14 to 140°F (-10 to 60°C)

CATALOG NUMBER TO ORDER

Model	Description
IQ600LA	Remote LED Annunciator Red color enclosure with English silkscreen with a lockable door

WIRING CONNECTION

