

21 Light Remote Annunciator and Remote Relay Panel

Model G0098511 Gray Remote Annunciator Panel with 8 Relays
Model G0098521 Gray Remote Relay Panel without LEDs and Keypad (Relays only)
Model G0098531 Gray Remote Annunciator Panel without Relays



Description

The Remote Annunciator Panel provides remote monitoring and annunciation for up to 21 generator and system indications. 21 LEDs indicate 18 generator, 2 system, and 1 programmable condition.

The Relay panel has up to 8 selectable functions on form A relays; multiple relay panels can be connected for all 21 generator parameters.

The specific faults can be programmed through the Power Zone® display located on the generator.

Communications for a Power Zone® or G8601 equipped generator is RS-485.

All models require battery power (+12 or +24 VDC) sourced from the generator battery.

The Remote Annunciator Panel complies with NFPA 99 and NFPA 110.

Environmental Specifications

Operating Temperature	-25 °C to 60 °C
Humidity	0 to 95% Non-Condensing
Power Supply	Generator Battery, +12 or +24 Volts DC
Power Usage	6 Watts Typical
RS-485 Communications	Fully Isolated Twisted Pair Cable with Shield
RS-485 Length	4,000 ft
Relay Output .. One N.O. Contact and 8** N.O. & N.C. Contacts (Energized when Annunciator is Powered and No Faults are Present)	
Relay Contact Rating	30 VDC, 1 amp
Enclosure Rating	NEMA 1
Alarm Horn (Remote Annunciator Panels Only)	90 dB @ 10 cm

*Max Distance Between Hubs - No Limit on Number of Hubs or Total Distance
**Only available on Models G0098511, G0098521

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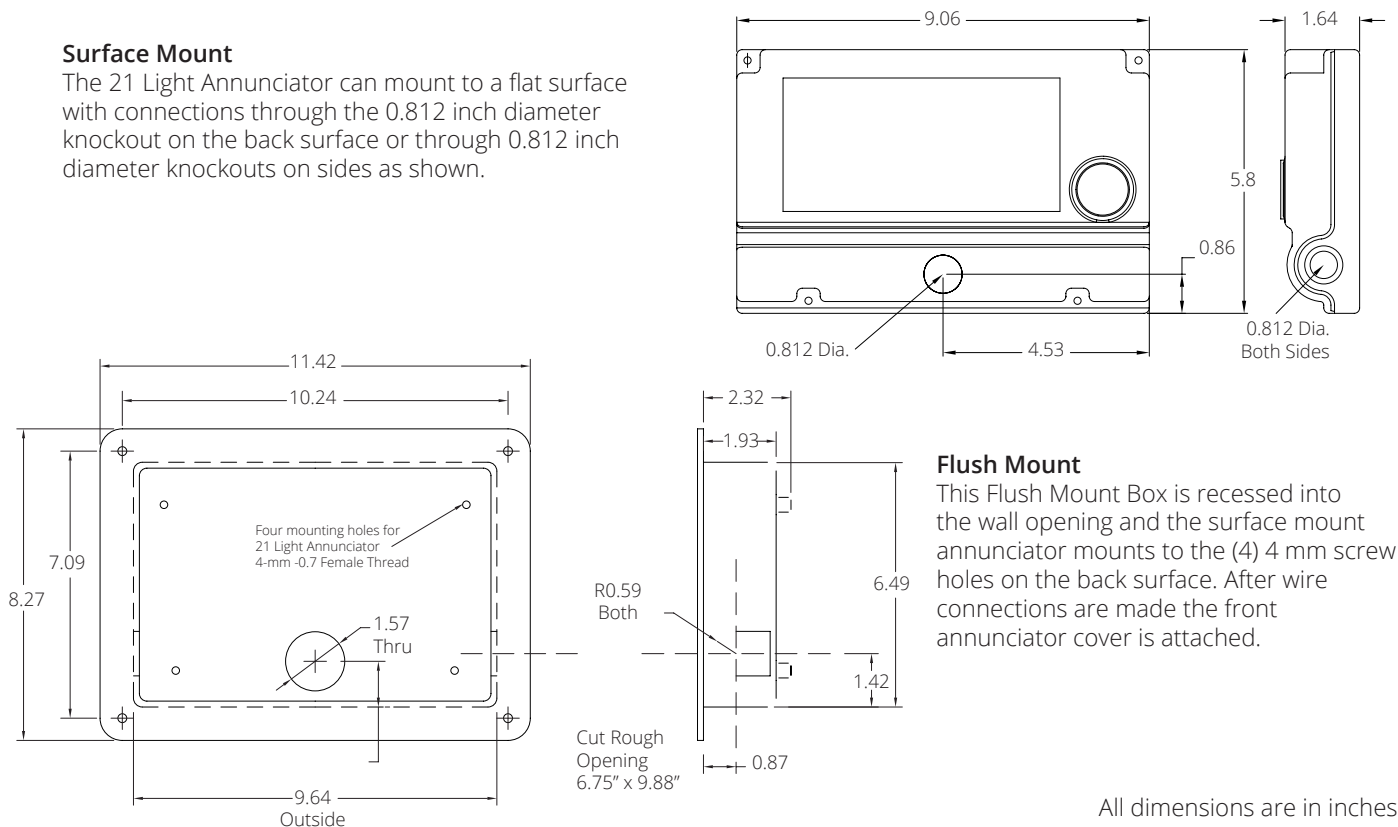
Function	Color	Alarm	Latched
Pre-Low Oil Pressure	Yellow	Yes	Yes
Pre-High Water Temperature	Yellow	Yes	Yes
Pre-Low Water Temperature	Yellow	Yes	Yes
Pre-Low Fuel	Yellow	Yes	Yes
Battery Charge AC Fail	Yellow	Yes	No
Low Battery Voltage	Yellow	Yes	No
High Battery Voltage	Yellow	No	No
Not in Auto	Red	Yes	No
RPM Sensor Loss	Red	Yes	Yes
Overcrank	Red	Yes	Yes
Overspeed	Red	Yes	Yes
Low Oil Pressure	Red	Yes	Yes
High Water Temperature	Red	Yes	Yes
Low Water Level	Red	Yes	Yes
Emergency Stop	Red	Yes	No
Gen Running	Yellow	No	No
Gen Power (ATS)	Yellow	No	No
Line Power (ATS)	Green	No	No
Systems Ready	Green	Yes	No
Communications OK	Green	Yes	No
Spare	Green	No	No

Spare Keypad Switch can be used to implement a remote start function (Models G0098511 and G0098521 only).

Annunciators

Surface Mount

The 21 Light Annunciator can mount to a flat surface with connections through the 0.812 inch diameter knockout on the back surface or through 0.812 inch diameter knockouts on sides as shown.



Flush Mount

This Flush Mount Box is recessed into the wall opening and the surface mount annunciator mounts to the (4) 4 mm screw holes on the back surface. After wire connections are made the front annunciator cover is attached.

All dimensions are in inches.