

## 290LFGPH3 Combination LED Flashing Light Horn

Height: 10 3/4"

Depth: 3 "

Width: 4.5"



- LED Flashing Light with Electronic Horn mounted to an ABS Plastic surface mount box--we combine our GPH3 horn and the MicroLert (see below for individual specifications) to bring you this great value in an audio/visual alarm signal. Horn produces 1 of 3 nationally and internationally recognized alerting sounds: Horn, Yeow Siren, and Sweeping Tone, at a 101db level measured at 10 feet. This model has volume control (10dB reduction), and two stage alarm capability by supplying power to the second tone selection. The tone produced can be selected when installing by moving an internal jumper. Input terminals are provided for wiring connection. The unit measures 10 3/4" H x 4.5" W x 3" D. LED has clear band optic lens—available in 5 colors, which provides a uniform 360 degree light pattern, produces 75 flashes per minute. Impact resistant polycarbonate lens and base, Back Box has through holes for surface mounting, and 1 of a 1/2" threaded hub that can be used with pipe or conduit fittings. UL listed components. Indoor or Outdoor use IP66 (UL Type 4/4X/13). 120 Volt AC operation (optional 12/24 Volt DC, or 240 VAC). Combined Operating Current: 56mA @120Vac, 305mA @ 24Vdc

### 290LF:

Built-in RFI filters

NEMA 4X

Solid state power supply

Xenon strobe lamp

2 year warranty on power supply

1 year warranty on lamp

Available in 6 lens colors (red, amber, blue, clear, green, purple)

UL listed

The MICROLERT® family is a low profile, flashing, low-cost LED light which features a Lexan® lens.

## **GPH3 Electronic Horn:**

The E2S GPH3 Series Horns are low-current, high decibel, electronic horns for heavy-duty use and is UL & cULs approved. This model has 2 stage alarm sound capability (choose 2 of the 3 tones and provide power wiring for the second tone). The NEMA 4X enclosure is durable ABS Plastic, intended for indoor or outdoor use, gray finish. Back Box has through holes for surface mounting, and 1 of a M20 or 1/2" threaded opening -180 degrees from LED Light, that can be used with pipe or conduit fittings. Volume is adjustable from full output at 101 dB at 10 feet, to 91 dB at 10 feet at low volume setting.

Nominal output: 101dB(A) @ 10ft

No. of tones: 3 (Electro-mechanical horn sound), (1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.), (800/1000Hz @ 7Hz Sweeping)

Stage alarm switching: DC voltage via negative, AC voltage via live supply

Volume control: On board potentiometer

Voltages DC: 12-24Vdc

Voltages AC: 40-260Vac

Ingress protection: GPH3: IP66 (UL Type 4/4X/13)

Housing material: High impact UL94 V0 (f1) PC

Color: Grey (RAL7038)

Cable entries: 1 x M20 / 1/2 inch

Terminals: 22 - 12 AWG (0.5-3mm<sup>2</sup>)

Operating temp: -25 to +55°C [-13° to +131°F]

Relative humidity: 90% at 20°C [68°F]

Weight: 0.40kg/0.88lbs

\*SPL data +/-3dB(A). Measured at optimum voltage

# GPH3/GPH4 Alarm Horn - Buzzer

**The GPH series are low profile, high output, 110dB(A) alarm horns designed as a maintenance free, reliable alternative to solenoid type devices.**

The GPH3 is a surface mount version with back box, the GPH4 is a flush mount variant for use in panel mount applications or for use with standard 4" back boxes. Featuring a realistic simulated buzzer sound the GPH, with its low current consumption and high SPL in a robust, fire retardant housing, is suitable for all general signalling applications.

## Features

- Automatic synchronisation on multi-sounder system.
- Continuously rated.
- Stainless steel fixings.
- Duplicate cable terminations (in & out for daisy-chain installations).

## Approvals

- UL & cULus approved: General signalling use.



## Specification

Nominal output:	110dB(A) @ 1m +/- 3dB [101dB(A) @ 10ft/3m]
No. of tones:	3
Stage switching:	DC voltage via negative AC voltage via live supply
Volume control:	On board potentiometer
Voltages DC:	10-30V dc/ac
Voltages AC:	40-260V dc/ac
Ingress protection:	GPH3: IP66 (UL Type 4/4X/13) High impact UL94 GPH4: IP54 (UL Type 13/3R) VO (f1) PC  Housing material:
Colour:	Grey (RAL 7038)
Cable entries:	2 x M20 clearance
Terminals:	22 - 12AWG (0.5-3mm <sup>2</sup> )
Operating temp:	-25 to +55°C [-13° to +131°F]
Storage temp:	-40 to +70°C [-40° to +158°F]
Relative humidity:	90% at 20°C [68°F]
Weight:	0.40kg/0.88lbs
*SPL data +/-3dB(A). Measured at optimum voltage	
<b>Tones:</b>	
Tone 1	Electro-mechanical type Buzzer tone
Tone 2	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.
Tone 13800/1000Hz @ 7Hz	

## Part Codes

Version	Part code:
GPH3S surface mount:	
10-30V dc/ac	GPH 3SEDC024G
40-260V dc/ac	GPH 3SEAC230G
GPH4F flush mount:	
10-30V dc/ac	GPH 4FEDC024G
40-260V dc/ac	GPH 4FEAC230G

## Current Consumption

Version:	Voltage:	Current :
10-30V dc/ac	12V dc	52mA
10-30V dc/ac	24V dc	105mA
40-260V dc/ac	48V dc	42mA
10-30V dc/ac	12V ac 50/60Hz	115mA
10-30V dc/ac	24V ac 50Hz	215mA
40-260V dc/ac	48V ac 50/60Hz	68mA
40-260V dc/ac	115V dc	16mA
40-260V dc/ac	230V dc	8mA
40-260V dc/ac	115V ac 50/60Hz	36mA
40-260V dc/ac	230V ac 50/60Hz	18mA

## Tone table

S 1	Description	S 2
T 1	Electro-mechanical diaphragm horn sound	T 2
T 2	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	T 1
T 3	800/1000Hz @ 7Hz Sweeping	T 2