

# 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