



Description

The G2100 sound-powered handset works without power supply, only with the energy generated by the voice. In thermoformed material, it is designed for industrial applications.

Main features

- Sound-powered microphone and receiver
- Calling howler
- Coiled cord output, 2 wires
- Material: Glassfibre-reinforced PA66 polyamide (PA66 GF30)

Environmental Characteristics

- Operating temperature : -20°C to +55°C
- Drop resistance
- Vibration resistance
- RoHS compliant

Sound powered transducer

A47421

- Technology : Electromagnetic
- Insulation for 100VDC : $>20M\Omega$
- Connection : screws with nuts for eyelet lugs

Microphone

- Impedance at 1 kHz : 600 Ω
- Sensitivity at 600Hz on 600 Ω (109dB SPL / 6mm) : 17mV $\pm$ 4dB

Receiver

- Impedance at 1 kHz : 600 Ω
- Sensitivity at 1 kHz (at 1mW_{RMS}) : 130dB SPL
- Maximum power : 300mW

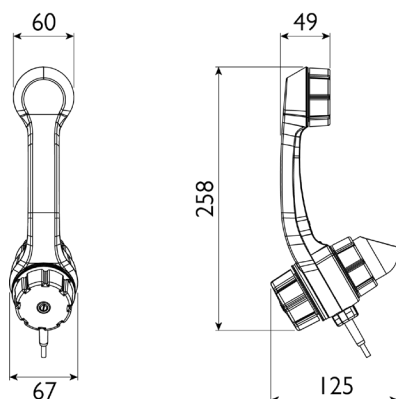
Calling howler

G629

- Power at 1 kHz: $\leq 1.12W$
- Short-circuit current: $\leq 47mA$
- Output voltage (between 1 and 3): 5.1V $\pm$ 10%

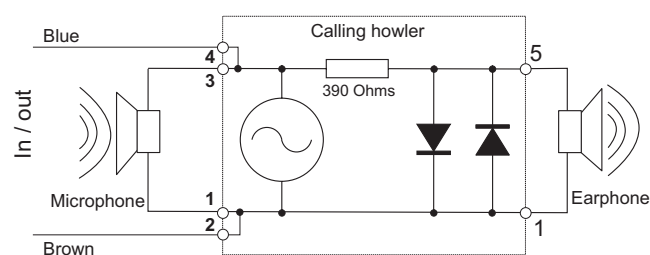
Dimensions (in mm) and weight

- Output cord : .85m to 2.80m
- Weight: .63 Kg

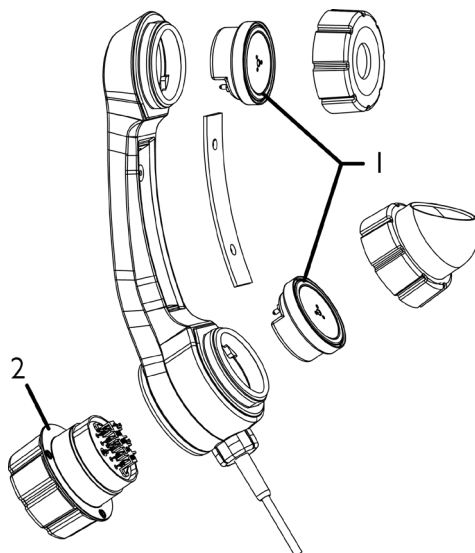


Wiring

Unpolarised wiring on two conductors (brown blue)



Spare parts



Number	Item	Reference	NSN
1	600Ω Sound-powered transducers	A47421	7329-321-14-5965
2	Calling howler	G629	5118-460-14-5805

Accessories

Item	Reference	NSN	I.A.
Suspension ring	G50613	-	-
4 contact SPI 13 Jack	SPI 13	2182-208-14-5935	FJ3A
Junction box for SPI 13	MG392-3	-	-
3 contact plug	SPI 186	-	-
Junction box for SPI 186	MG391	2555-545-14-5805	-

In the same range

Name	Item
G2100U	SPI 186 plug
G2100D	SPI 13 jack plug
G2100P	Suspension ring
G2100PU	SPI 186 plug - Suspension ring
G2100PD	SPI 13 jack plug - Suspension ring