

OL1 Technical specifications

Sensors

Number of microphones	24 digital MEMS microphones
Frequency	15 kHz to 42 kHz
Sensitivity	Contact Prosaris for sensitivity charts.
Operating distance	0.3m to 10 m (1ft to 33ft)
Field of view	150°

Acoustic measurement

Measurement range	Contact Prosaris for detailed measurement performance range
dB gain	Automatic
Frequency selection	User-defined lower-bound adjustment
Sensitivity	User-defined
Charging method	USB-C

Connectivity

Connection type	Cable-connected (USB-C)
Compatible with	Prosaris Leak Management app (available on Google Play)

Battery

Type	Rechargeable Li-Pol
Rating	Rated 3.7Vdc, 1.5 Ah, Maximum Specified Charge and Discharge Temperature, 45°C
Life	8+ hours
Charging time	6 hours
Charging method	USB-C

General

Dimensions (H x W x L)	22mm x 95mm x 95mm
Weight (including battery)	300 g (0.7 pounds)
Operating temperature	-20°C to +50°C (-4°F to +122°F)
Storage temperature	-20°C to +50°C (-4°F to +122°F)
Charging temperature	+4°C to +45°C (+39°F to +113°F)
Pollution degree	2
Operating environment	Wet location
Relative humidity	10% to 95% non-condensing
Ingress protection	Designed to IP54
Warranty	1 year
Supported languages	English

Safety

General safety	UL61010-1, 3rd Ed. 2019-07-19 CAN/CSA No. 61010-1-12, 3rd Ed. 2019-07-19 IEC 61010-1:2010, 3rd Ed. + AMD1: 2016
Electromagnetic Compatibility (EMC) International	IEC 61326-1: Portable Electromagnetic Environment CAN ICES-3(A)/NMB-3(A)
FCC	FCC 47 CFR Part 15, Subpart B –Verification ICES-003 Issue 6 January 2016
Battery	Battery tested according to IEC 62133: 2012