L1 LAVALIER MICROPHONE

The L1 is a premium omnidirectional lavalier microphone engineered for the most demanding professional applications. Its best-in-class Sonaura™ MEMS capsule delivers an 83 dB signal-to-noise ratio and an incredibly accurate frequency response for broadcast-quality, natural speech reproduction. The interchangeable caps tailor the high-frequency range to different voices or mounting positions, and its miniature size, versatile clip design and neutral colour options make it extremely versatile. Built for the harshest environments, the L1 is waterproof and remains functional even when accidentally submerged, pairing perfectly with the DSSM for a watertight system. Using the L1 with the DSSM also allows you to switch between high- and low-sensitivity modes — making it the ideal choice for theatre, live performance, broadcast, film and studio.

Feature points:

- 83 dB Sonaura™ MEMS (Micro-Electro-Mechanical Systems) capsule technology
- Omnidirectional polar pattern
- LEMO 3-Pin connector
- Waterproof design remains functional even when accidentally submerged in water, creating a fully watertight system when paired with the DSSM
- Adjustable sensitivity (when used with DSSM), switchable between high and low
- Available in Black, White, Beige or Brown
- L1 Lavalier Kit includes: Microphone, Standard Cap, High Boost Cap, Carry Case, Clip, Pop Filter, Colour ID Rings, Number ID Rings
- L1 Lavalier includes: Microphone, Standard Cap, and High Boost Cap

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Acoustic Specifications:

Specification	High Sensitivity Mode	Low Sensitivity Mode
Capsule Polar Pattern	Omni	
Principle of Operation	Pressure	
Capsule Type	MEMS	
Frequency Response	20 Hz – 20 kHz	
Standard Cap Frequency Boost	+3 dB from 8 – 20 kHz	
High Boost Cap Frequency Boost	+9 dB from 12 – 14 kHz	
SNR Capsule (A-Weighted)	83 dB	
SNR (A-Weighted)	11 dB (A) SPL	
Equivalent Noise Level (A-Weighted)	14 dB (A) SPL	
Maximum SPL / AOP	120 dB SPL @ 10% THD	134 dB SPL @ 10% THD 137 dB SPL Peak
Dynamic Range	106 dB	120 dB
Capsule Sensitivity Range (re 1V/Pa)	-34 dBV +/ - 1 dB	-54 dBV +/ - 1 dB

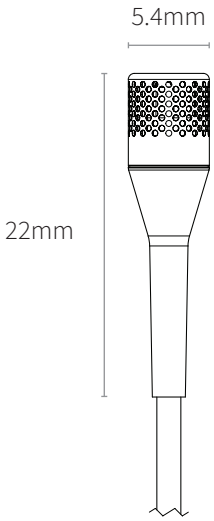
Mechanical Specifications:

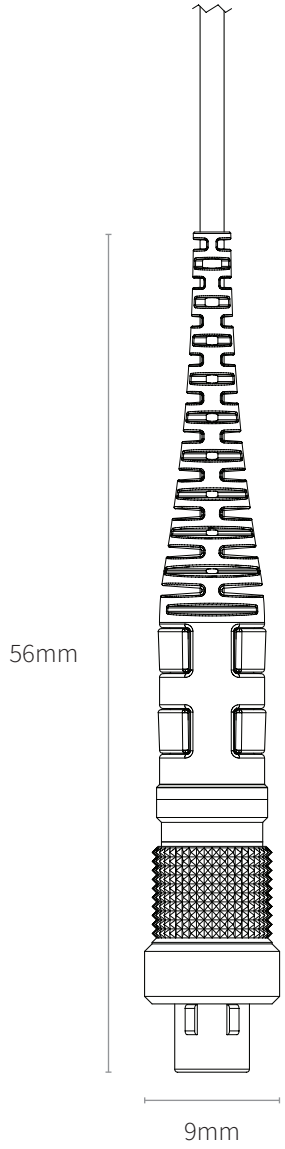
Specification	Value
Connector Type	LEMO 3-Pin Male
Colour	Black, White, Beige, Brown
Cable Length	1.8 m
Mic Dimensions	Diameter = 5.4 mm Length = 22 mm
Connector Dimensions	Diameter = 9 mm Length = 56 mm
Total Mass	14.5 g
Compatible Products	Lectrosonics DSSM
Included Accessories – Full SKU	1x Lavalier Microphone with LEMO 3-Pin Male Connector 1x Cap (Standard) 1x Cap (High Boost) 1x Carry Case 1x Clip 1x Pop Filter 9x Colour ID Rings 4x Number ID Rings
Included Accessories – Naked SKU	1x Lavalier Microphone with LEMO 3-Pin Male Connector 1x Cap (Standard) 1x Cap (High Boost)

Operating Specifications:

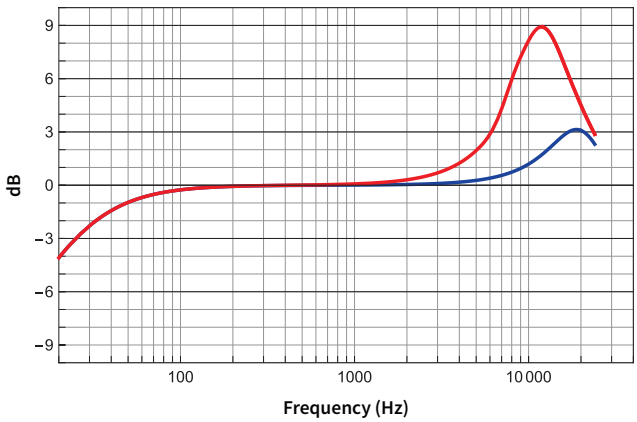
Specification	Value
Humidity Operating Range	0 – 95 %RH
Temperature Operating Range	-20˚C - +60˚C

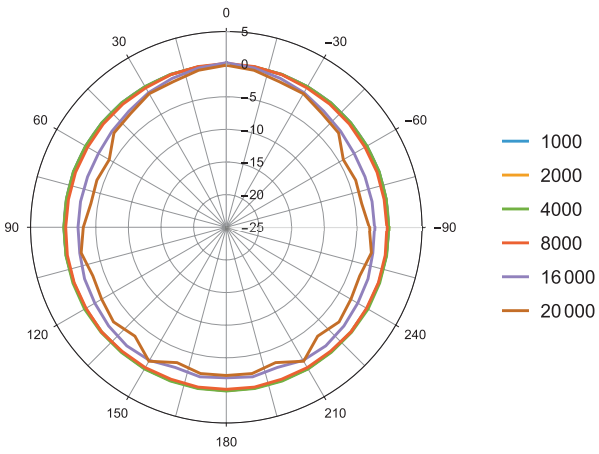
Dimensions:





Frequency Response:



■ High Boost Cap ■ High Boost Cap

Polar Pattern: