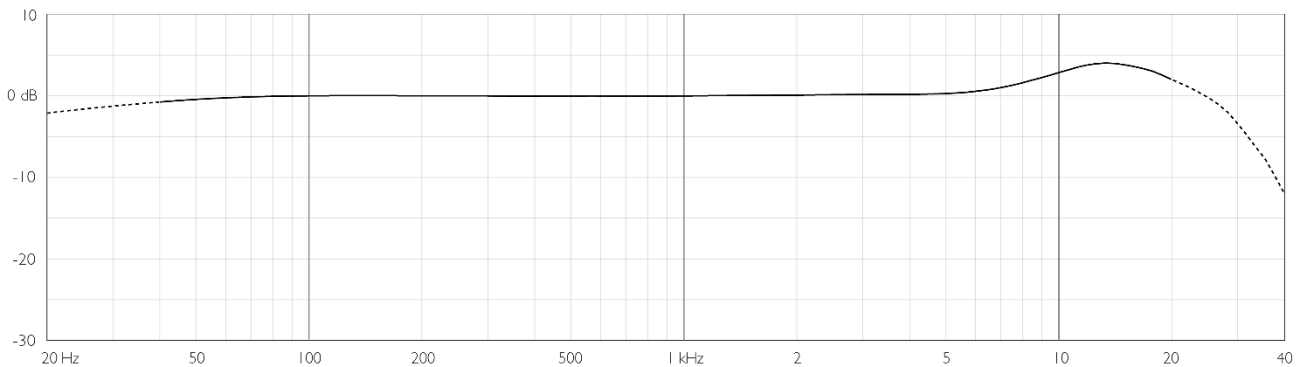


Q: What are the specifications of the 6061 lavaliers?

A: Please see the table below:

	6061 Lavalier
Directional pattern	Omnidirectional
Principle of operation	Pressure
Cartridge type	Pre-polarized condenser
Frequency range	20 Hz - 20 kHz
Frequency range, ± 2 dB	40 Hz - 20 kHz with 4 dB soft boost at 8 - 20 kHz
Sensitivity, nominal, ± 3 dB at 1 kHz	6 mV/Pa; -44 dB re. 1 V/Pa
Equivalent noise level, A-weighted	Typ. 26 dB(A) re. 20 μ Pa (max. 28 dB(A))
S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL)	Typ. 68 dB(A)
Total Harmonic Distortion (THD)	< 1% up to 128 dB SPL peak
Dynamic range	Typ. 102 dB
Max. SPL, peak before clipping	144 dB
Output impedance	From MicroDot: 30 - 40 Ω . From DAD6001-BC: 100 Ω
Cable drive capability	Up to 300 m (984 ft) with DAD6001-BC XLR adapter
Power supply (for full performance)	Min. 5 V to max. 10 V through DPA adapter for wireless systems With DAD6001-BC: 48 V phantom power ± 4 V for full performance. Works from 12V
Connector	MicroDot, TA4F Mini-XLR, 3-pin LEMO, Mini-Jack
Color	Black or beige
Weight	8 g (0.29 oz) incl. Cable and MicroDot connector
Microphone head size (diameter / length)	3.4 / 14.4 mm (0.13 / 0.57 in)
Capsule diameter	3 mm (0.12 in)
Cable length	1.8 m (5.9 ft)
Polarity	Positively increasing sound pressure produces positive going voltage on MicroDot pin
Temperature range	-40°C to 45°C (-40°F to 113°F)
Relative Humidity (RH)	Up to 90%

6061 Frequency response



Typical on-axis response