



DPA 4080 Lavalier Microphone

Directional pattern:	Cardioid
Principle of operation:	Pressure gradient
Cartridge type:	Pre-polarized condenser
Frequency response:	20 Hz - 20 kHz
Effective frequency range, ±2 dB, at 25 cm (9.8 in):	250 Hz - 17 kHz with typ. 4 dB soft boost at 4 - 6 kHz (-5 dB at 100 Hz)
Sensitivity, nominal, ±3 dB at 1 kHz:	20 mV/Pa; -34 dB re. 1 V/Pa
Equivalent noise level, A-weighted:	Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))
Distortion, THD < 1%	
Legacy:	120 dB SPL RMS, 123 dB SPL peak
Distortion, THD < 1% - CORE:	126 dB SPL RMS, 129 dB SPL peak
Dynamic range:	Typ. 106 dB
Max. SPL, THD 10%:	134 dB SPL peak
Rated output impedance:	30 - 40 Ω
Cable drive capability:	Up to 300 m (984 ft) with DAD6001-BC XLR Adapter
Power supply (for full performance):	For wireless systems: Min. 5 V - max. 10 V through DPA adapter With DAD6001-BC: P48 (Phantom Power). Will work from 12 V
Current consumption:	Typ. 1.5 mA (microphone). 3.5 mA with DAD6001-BC XLR Adapter
Connector:	MicroDot, TA4F Mini-XLR, 3-pin LEMO, Mini-Jack
Color:	Black
Weight:	15 g (0.5 oz) incl. Cable and MicroDot connector
Microphone diameter:	5.7 mm (0.22 in)
Microphone length:	30 mm (1.2 in)
Cable length:	1.2 m (3.9 ft)
Cable diameter:	1.6 mm (0.06 in)
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%