3384

Technical Specification

of Measuring Microphone 3384
updated Mar 2001

Microphone type	prepolarized condenser, free field transducer
Nominal diameter	1/2“
Polar pattern	omni-directional
Sensitivity typical	-26 dBV/Pa, 50 mV/Pa @1kHz
Flatness	100 Hz - 4 kHz ±1 dB 20 Hz - 20 kHz ±3 dB in accordance with IEC60651, Type 1
Measurement range (A-weighted)	25-130 dB_{SPL}
Distortion limit (3%)	130 dB_{SPL} @ 1 kHz
Equivalent Noise level (SPL_A@1kHz)	< 24 dB_A
Temperature coefficient (-10° to + 60°)	0.017 dB / °C
Long term stability	>250 years /dB
Electrostatic capacitance (cartridge only)	18 pF
Output impedance	200 Ω (balanced)
Power supply	48 VDC phantom power
Power consumption	< 4.5 mA
Overall shell length	50 mm (1.9”) without connector < 80 mm (3.1”) with cable connected
Diameter	12.7 mm (0.5”) bare 13.2 mm (0.52”) with protective cap
Connectors	3 pole XLR (NEUTRIK®) 3 pole NanoCon® (NEUTRIK®)
Cable length	1.5 m (5 ft)