

CLIO

ELECTRICAL & ACOUSTICAL TESTS

MICROPHONES

MIC-01

MIC-02

MIC-03



■ PRODUCT DESCRIPTION

MIC-01, MIC-02 and MIC-03 are low cost precision condenser electret microphones perfectly suited for laboratory and on-field acoustical measurements. They have identical performances but differ for their physical size; MIC-01 is preferable for fixed laboratory installations while MIC-02 is highly manageable due to its shorter length; MIC-03 is the best where space saving is a must. Their frequency response is individually tested against specifications and the sensitivity value is supplied. MIC-01, MIC-02 and MIC-03 can be directly connected to your CLIO system's input. The microphone can be supplied with its standard accessories or in the Lite version i.e. without accessories. It is possible to obtain individual frequency calibration data.

■ TECHNICAL SPECIFICATIONS

■ MIC-01, MIC-02 & MIC-03

Type: Condenser Electret
Accuracy (direct field): ± 1 dB 20Hz÷10KHz,
 ± 2 dB 10÷20KHz
Maximum level: 130 dB SPL
Sensitivity (average): 28mV/Pa

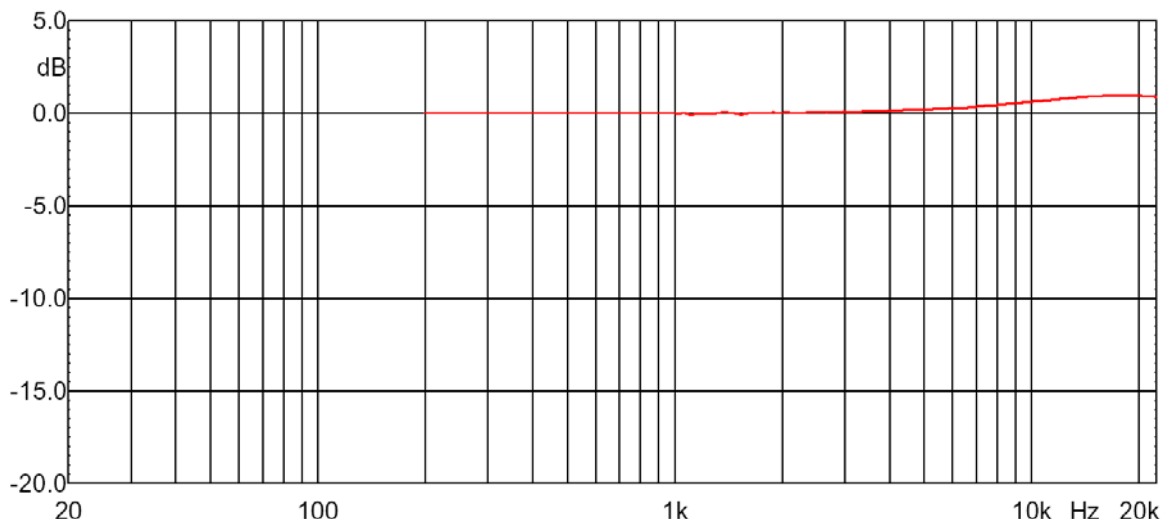
■ MIC-01
Dimensions: 8mm diameter, 25 cm long

■ MIC-02
Dimensions: 8mm diameter, 12 cm long

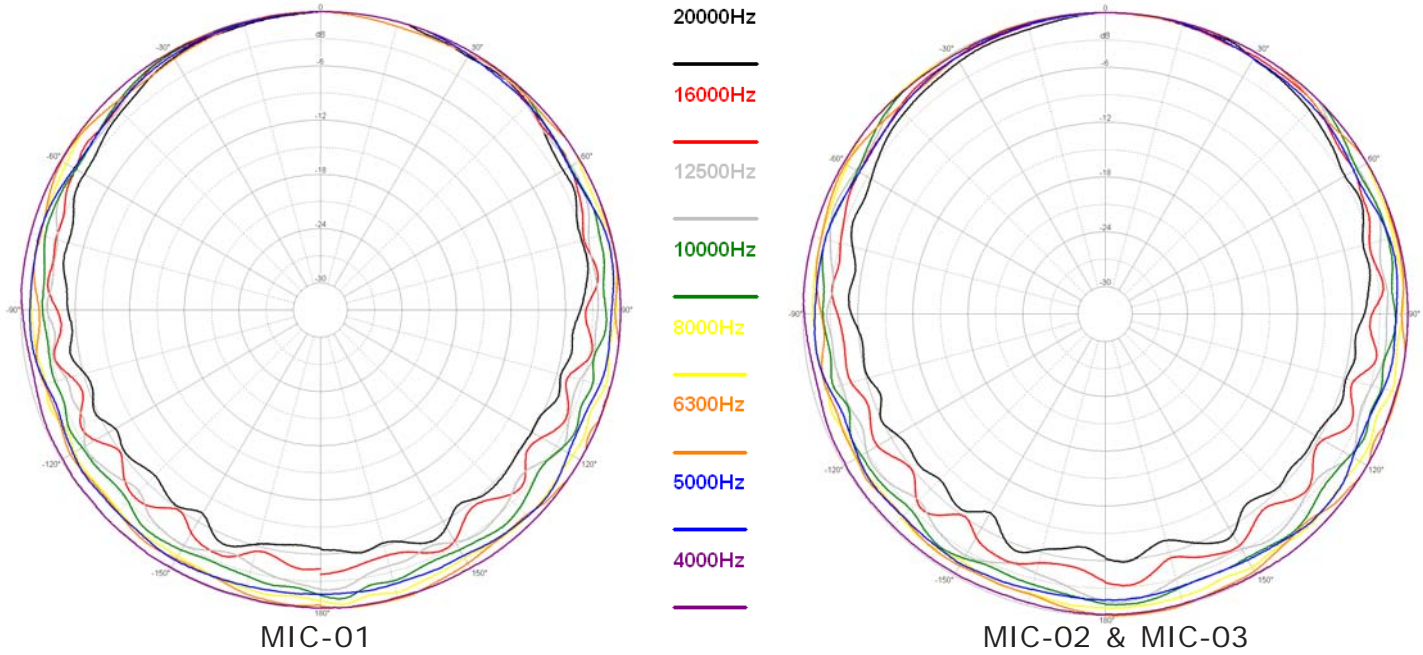
■ MIC-03
Dimensions: 8mm diameter, 7 cm long

■ POWER SUPPLY
Voltage: 8.2V
Impedance: 5.6kOhm

■ TYPICAL FREQUENCY RESPONSE



■ POLAR RESPONSE



■ STANDARD ACCESSORIES

The microphone comes with the following accessories:
 Cable (2.7m)
 Stand adaptor
 Wooden case



■ MICROPHONE VERSION LITE

The version Lite of the microphone is without the standard accessories



■ FREQUENCY CALIBRATION CHART AND DATA

Calibration data (on disk) and chart are available upon request.



Serial No:
Sensitivity:

**Free-field Microphone
Type MIC 01**

Calibration Chart

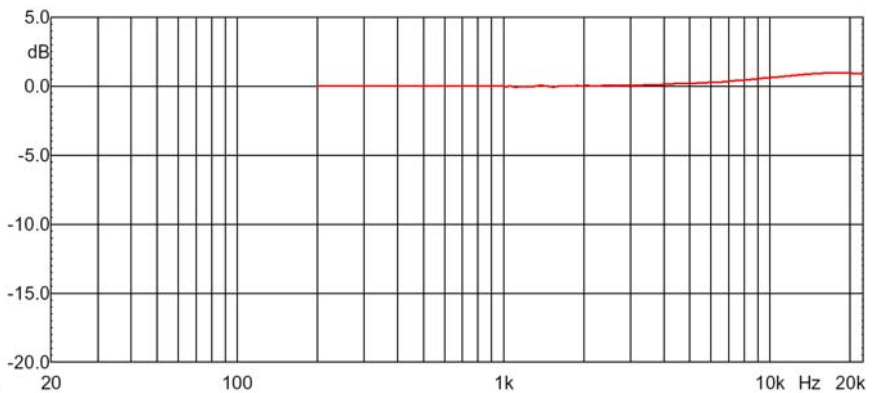
AU0201086
-34.6 dB re 1V/Pa
18.58 mV/Pa

Valid at:
 Temperature: 25 °C
 Ambient Static Pressure: 101.0 kPa
 Relative Humidity: 50 %
 Frequency: 1000 Hz
 Polarization Conditions: 8.2-5.6 V-KOhm

Reference Instruments:

MANUF.	MODEL	SERIAL NO	CALIB. DATE
HP	3468A	2137A09681	20-06-2002
LARSON DAVIS	812	416	10-05-2002
B&K	4231	1759543	10-05-2002
B&K	4939	2345912	05-03-2002

Date: 06/07/02 Certificate NO: 9206 Signature : M.J.



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