

TG I58c Helix

Condenser Microphone

Order # 708.437



FEATURES

- High performance condenser microphone (omnidirectional)
- Versatile possibilities to attach the helix holder
- Natural reproduction
- Absolute studio quality
- Unobtrusive design
- Light weight, the balance of the instrument is maintained
- 4-pin female mini XLR connector

APPLICATIONS

The versatile TG L58c Helix is a high-quality condenser microphone for the use with violin, viola, recorder, dulcimer, fretted stringed instruments or zither, cello, double bass and many other instruments. It delivers an extremely natural, true sound reproduction without colouration due to the missing of the proximity effect. The omnidirectional polar pattern ensures even sound – regardless of how the capsule is positioned. A further advantage is the unique, innovative clamp that enables quick and easy mounting – without drilling holes and without scratching the instrument.

The TG L58c Helix can be used with belt-pack transmitters of the wireless beyerdynamic TG 1000 and TG 100 series.

For the wired operation the microphone is used with an optional power adapter connected to phantom power sources.

SUPPLIED ACCESSORIES

Mounting clip
Wind shield

TECHNICAL SPECIFICATIONS

Transducer type	Condenser (electret)
Operating principle	Pressure
Polar pattern	Omnidirectional
Frequency response	20 - 20,000 Hz*
Open circuit voltage	40 mV/Pa (-28 dBV) ±2.5 dB*
Max. SPL at 1 kHz	126 dB SPL*
S/N ratio	51 dB [CCIR; Q-Peak]*
Equivalent SPL	32 dB [A, RMS]*
Type of power supply	DC
Max. power consumption	0.5 mA
Supply voltage	2 V to 10 V
Connector	4-pin mini XLR
Dimensions	
Capsule diameter	7.0 mm
Length	15.8 mm
Cable length	1.2 m
Weight without clip	13 g

*measured with MA-PVA

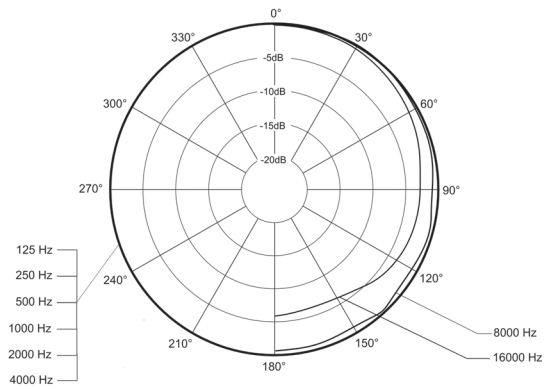
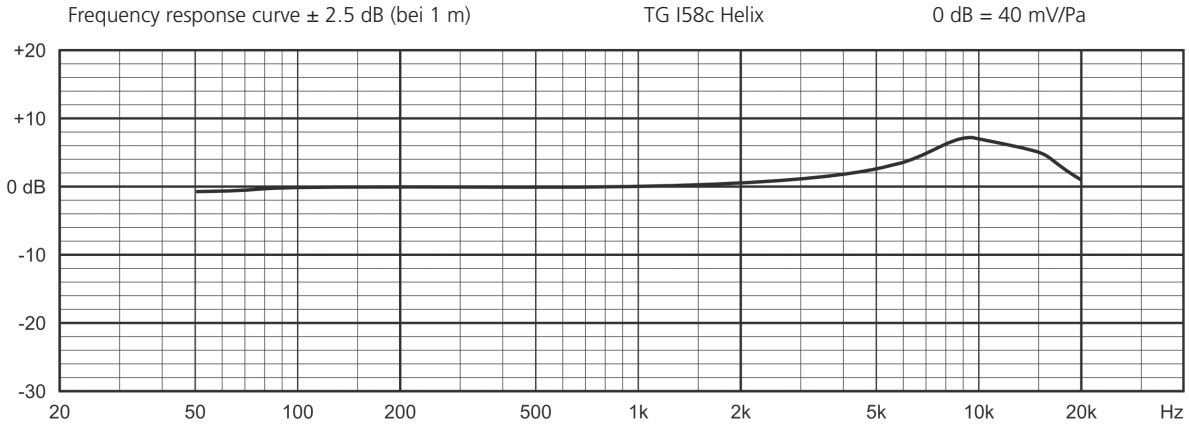
OPTIONAL ACCESSORIES

MA-PVA	Phantom power adapter to connect to phantom-powered microphone inputs . . . Order # 711.098
WA-TGOP	Adapter cable to connect microphones with TG pin assignment to Opus belt-pack transmitters. 4-pin mini XLR (M) – 4-pin mini XLR (F). Order # 711.136
WS 55 SW	Wind shield, black Order # 904.236

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FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring tolerance ± 2.5 dB) correspond to a typical production sample for this microphone.



WIRING DIAGRAM

