

TG I57

Condenser Microphone



FEATURES

- Flexible gooseneck
- Cardioid polar pattern ensures high gain before feedback
- Rugged construction

APPLICATIONS

To pick up sound from brass instruments such as saxophones, trumpets, trombones or horns, a microphone really has to function at a high level, a requirement where the TG I57 premium clip-on condenser microphone succeeds with flying colours. It can operate at extremely high maximum sound levels and reliably suppresses unwanted noise as a result of its cardioid polar pattern. The easy to mount clamp with gooseneck for optimal positioning protects the instrument's surface and provides a reliable hold.

The TG I57 microphone is available in two versions:

as Opus version it can be connected to the Opus series beltpack transmitters; as TG version it can be used with the wireless microphone systems of the TG series.

For wired applications with phantom power sources the TG I57 must be used with an optional power adapter.

VERSION

TG I57 (Opus)	Instrument microphone, electret condenser, cardioid, with clip and female 4-pin Mini-XLR connector	Order # 707.198
TG I57 (TG)	same as above, but TG version	Order # 708.356

TECHNICAL SPECIFICATIONS

Transducer type	Condenser (back electret)
Operating principle	Pressure gradient
Polar pattern	Cardioid
Frequency response:	
Close miking	30 - 20,000 Hz
Distant miking (measured at 1 m)	100 - 20,000 Hz
Open circuit voltage	12.4 mV/Pa (-38.1 dBV)* ±2.5 dB
Max. SPL	136 dB*
S/N ratio	60 dB [CCIR; Q-Peak]*
Equivalent SPL	25 dB [A; RMS]*
Power supply	1.5 - 9 V DC
Connection	Mini-XLR, 4-pin, female
Length	170 mm
Weight (without cable)	64 g

*measured with CV 18

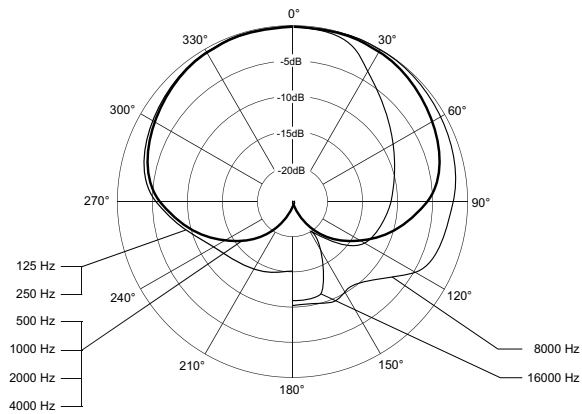
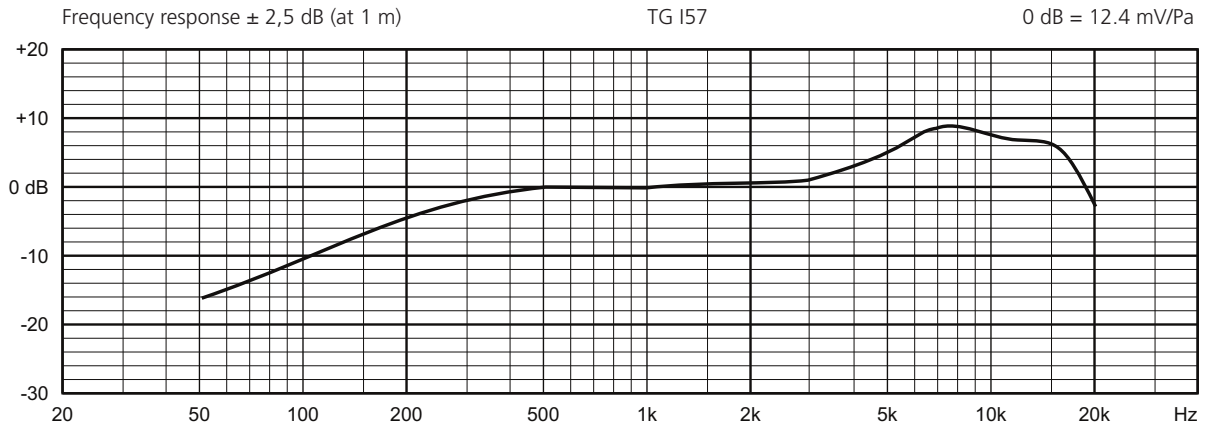
OPTIONAL ACCESSORIES

CV 18	Phantom power adapter to connect to phantom-powered microphone inputs for Opus version	Order # 475.378
MA-PVA	Phantom power adapter to connect to phantom-powered microphone inputs for TG version	Order # 711.098
WS 97	Wind shield, black	Order # 465.313

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FREQUENCY RESPONSE & POLAR PATTERN

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



WIRING DIAGRAMS

