

# TG I56c

Condenser Microphone



## FEATURES

- Frequency response optimised for accordions
- Cardioid polar pattern
- High gain before feedback
- Gooseneck for optimum positioning
- Shock-mounted microphone capsule
- Supplied with mounting parts

## APPLICATIONS

The TG I56c condenser microphone, whose frequency response is specially designed for live performances with accordions, bandoneons and zithers, is more than just practical. The special clamp enables simple mounting and easy transport: the microphone is simply removed and the clamp remains on the instrument. The cardioid polar pattern of the TG I56c also ensures high feedback rejection and the microphone capsule is isolated from vibration on the gooseneck preventing unwanted mechanical noise.

The TG I56c microphone is available in two versions: as Opus version it can be connected to the beltpack transmitters of the wireless Opus 600 and Opus 910 microphone systems; as TG version it can be used with the wireless TG 1000 microphone system.

## VERSION

- |                |  |                 |
|----------------|--|-----------------|
| TG I56c (Opus) | Instrument microphone, electret condenser, cardioid, with a female 4-pole mini XLR and quick-change attachment . . . . . | Order # 707.171 |
| TG I56c (TG)   | same as above, but TG version . . . . .  | Order # 708.348 |

## 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 or Phantom power: 12 - 48 V* (recommended: 48 V)
Connection . . . . .	4-pin female mini XLR connector
Weight (without cable) . . . . .	approx. 40 g

\*measured with CV 18

## SUPPLIED ACCESSORIES

- 1 x mount plate
- 3 x double-sided adhesive pad

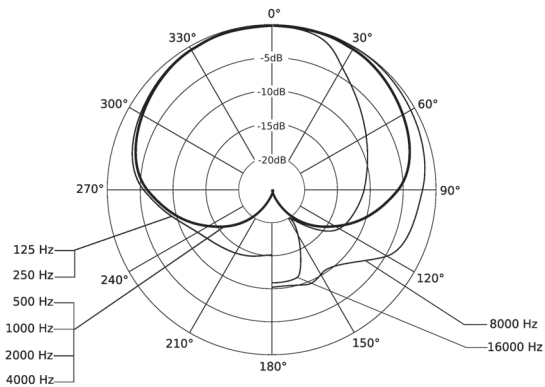
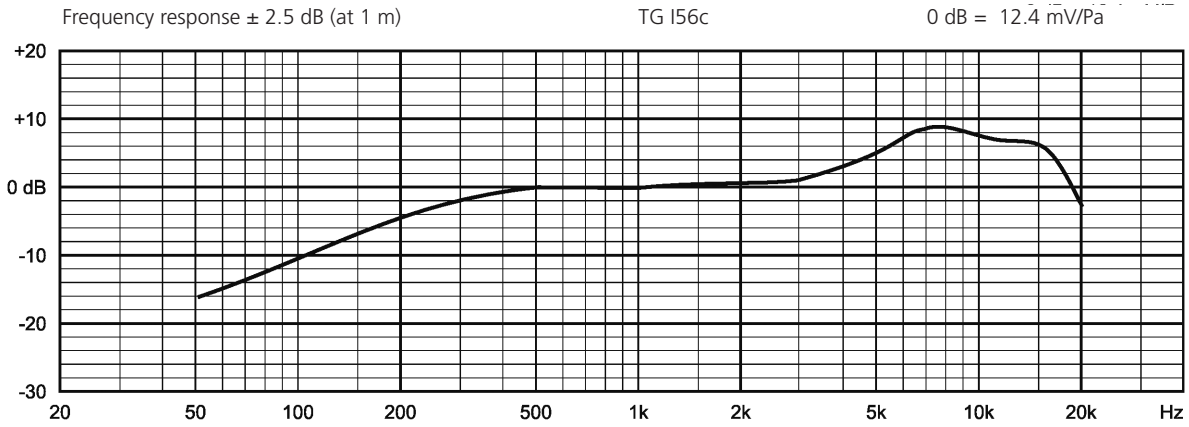
## OPTIONAL ACCESSORIES

Set	Harmonic mount plate with 10 replacement adhesive pads for TG I56c . . . . .	Order # 482.102
CV 18	Phantom power adapter to connect to phantom-powered microphone input . . . . .	Order # 475.378
Mix 31	Miniature mixer . . . . .	Order # 481.866
WS 53	Wind shield, black . . . . .	Order # 436.607

# TG I56c

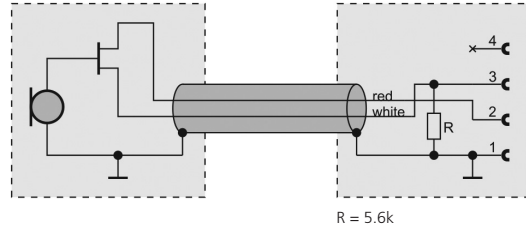
## FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring distance  $\pm 2.5$  dB) correspond to a typical production sample for this microphone.



## WIRING DIAGRAMS

TG I56c (TG)



TG I56c (Opus)

