

# TG V96c

Condenser Microphone



## FEATURES

- High-quality vocal microphone
- Frequency-independent cardioid polar pattern
- Compensated proximity effect
- Wire mesh basket without foam
- Shock mounted microphone transducer and electronics

## APPLICATIONS

The strength of the TG V96c lies in its absolutely faithful reproduction - even of the finest nuances and on stage every detail counts. The microphone's exterior stands out for its sophisticated design, with a special coated surface that is pleasant to the touch. But it is what's inside that makes the TG V96c into a topclass microphone and makes it stand out with vocalists, professional rental companies and sound technicians: this true condenser microphone shines with a captivatingly natural sound. The subtle treble boost provides an open, finely detailed and unobtrusive sound pattern. Further advantage: the TG V96c can be operated with 24 volt phantom powering without affecting the performance. The 5-layer pop protection made from metal gauze of differing mesh sizes and a sintered plate optimally suppresses plosives while significantly improving the rear-attenuation. The TG V96c is rugged enough for the stage and is supplied with an individual frequency response curve print out. Handcrafted in Germany.

## VERSION

TG V96c Condenser vocal microphone, cardioid incl. microphone clamp . . Order # 707.325

## TECHNICAL SPECIFICATIONS

Transducer type . . . . .	Condenser
Operating principle . . . . .	Pressure gradient
Polar pattern . . . . .	Cardioid
Frequency response	
Close miking . . . . .	20 - 20,000 Hz
Distant miking (measured at 1 m) . . . . .	55 - 20,000 Hz
Open circuit voltage . . . . .	4 mV/Pa (-48 dBV) ±2 dB
Nominal impedance . . . . .	60 Ω
Load impedance . . . . .	≥ 1 kΩ
Max. SPL at 1 kHz . . . . .	150 dB
Signal-to-noise ratio . . . . .	64 dB [CCIR, Q-Peak]
Equivalent SPL . . . . .	20 dB [A, RMS]
In-phase rejection 50 - 20,000 Hz . . . . .	≥ 60 dB
Power supply . . . . .	Phantom power: 24 - 48 V (recommended: 48 V)
Current consumption . . . . .	4.3 mA
Connection . . . . .	3-pin male XLR, 1 = ground 2 = + 3 = -

### Dimensions

Length . . . . .	185 mm
Shaft diameter . . . . .	26 mm
Head diameter . . . . .	48 mm
Weight . . . . .	330 g

## OPTIONAL ACCESSORIES

BMC 05 FM	Standard microphone cable XLR-XLR, length 5 m . . . . .	Order # 434.78
BMC 10 FM	Standard microphone cable XLR-XLR, length 10 m . . . . .	Order # 434.795
GST 400	Microphone stand, 3/8", height 0.90 - 1.65 m, with removable G 400 boom. . . . .	Order # 421.294
GST 500	Microphone stand, 3/8", height 0.85 - 1.60 m, with removable, telescopic G 500 boom . . . . .	Order #406.252
ST 600	Stand, 3/8", height 0.87 - 1.57 m. . . . .	Order # 421.316
MKV 8	Microphone clamp, 3/8" and 5/8" . . . . .	Order # 407.216

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## FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve ( $\pm 2$  dB) correspond to a typical production sample for this microphone.

