

# TG V96

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 V96 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 V96 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 V96 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 V96 is rugged enough for the stage and is supplied with an individual frequency response curve print out. Handcrafted in Germany.

## VERSION

TG V96 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) $\pm$ 2 dB
Nominal impedance	60 $\Omega$
Load impedance	$\geq$ 1 k $\Omega$
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	$\geq$ 60 dB
Power supply	Phantom power: 24 - 48 V (recommended: 48 V)
Current consumption	4.3 mA
Connection	XLR, 3-pin, male
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 500	Microphone stand 3/8", height 0.85-1.60 m, with telescopic boom . . . . .	Order # 406.252
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.

