

TG-X 80

Dynamic Microphone



FEATURES

- Hypercardioid polar pattern
- Full range frequency response
- Studio quality accuracy
- Excellent off-axis rejection
- Basket designed for optimum performance
- Shock absorbing rubber ring
- Structure borne noise attenuation
- TG-X 81 switched version

APPLICATIONS

The TG-X 80 is an extremely high quality dynamic vocal microphone designed to give studio performance in live applications where high SPL vocals are generated and maximum volume before feedback is required. Also, its ability to withstand high sound pressure levels makes it suitable for close miking of musical instruments or speaker cabinets in live or studio environments.

VERSIONS

TG-X 80	Dynamic microphone, hypercardioid	Order # 436.291
TG-X 81	same as above, but with ON/OFF switch	Order # 436.348

SUPPLIED ACCESSORIES

MKV 8	Microphone clamp with 3/8" internal thread, for shaft diameters of 22 - 32 mm	Order # 407.216
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OPTIONAL ACCESSORIES

BMC 05 FM BK	Standard XLR-XLR microphone cable, length 5 m	Order # 434.787
BMC 10 FM BK	Standard XLR-XLR microphone cable, length 10 m	Order # 434.795
GST 500	Microphone stand, 3/8", height 0.85 - 1.60 m, with telescopic G 500 boom	Order # 406.252
PS 60/80	Popscreen, charcoal-grey	Order # 437.980

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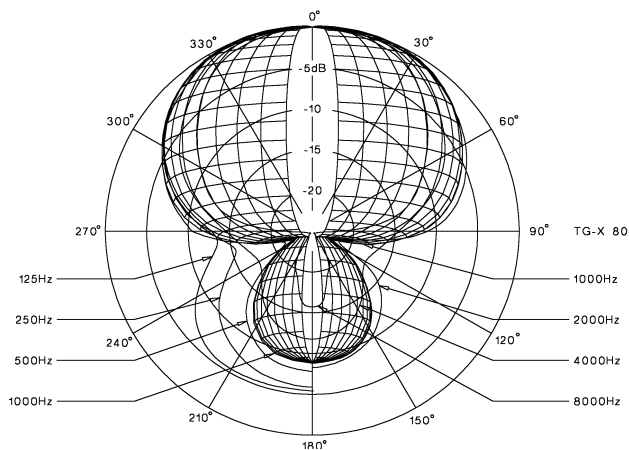
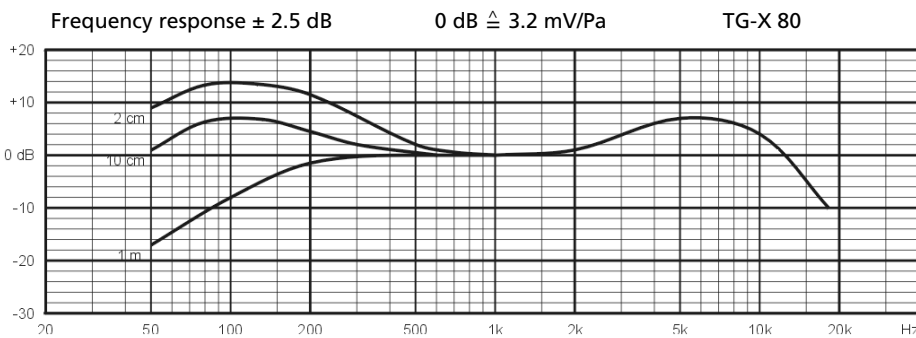
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TECHNICAL SPECIFICATIONS

Transducer type	Dynamic
Operating principle	Pressure gradient
Frequency response	
Close miking	20 - 18,000 Hz
Distant miking	85 - 18,000 Hz (measured at 1 metre)
Polar pattern	Hypercardioid
Rear attenuation at 1 kHz	> 25 dB at 110°
Open circuit voltage	
at 1 kHz (0 dB = 1V/Pa)	3.2 mV/Pa ± 1.5 dB = -50 dBV
Magnetic field suppression	> 20 dB at 50 Hz
Nominal impedance	280 Ω
Load impedance	≥ 1000 Ω
Diaphragm	Hostaphan®
Case/finish	Die casting, non-glare black mat
Connection	3-pin XLR male
Dimensions	Length: 205 mm
	Head diameter: 50 mm
Weight without cable	345 g

FREQUENCY RESPONSE & POLAR PATTERN

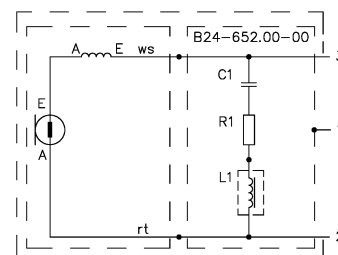
This polar pattern and frequency response curve (measuring distance ± 2.5 dB) correspond to a typical production sample for this microphone.



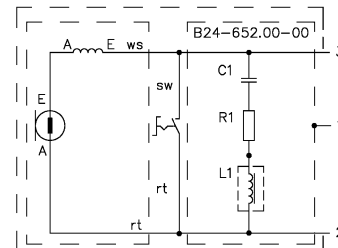
WIRING DIAGRAMS

Positive pressure produces positive voltage on red lead (+).

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