

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
SMC 05 FJ BLK	Standard XLR-Jack microphone cable, length 5 m	Order # 434.809
SMC 10 FJ BLK	Standard XLR-Jack microphone cable, length 10 m	Order # 434.817
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

Germany
Theresienstr. 8
D-74072 Heilbronn
Tel. +49 (0)71 31 / 6 17-0
Fax +49 (0)71 31 / 617-224
E-mail: info@beyerdynamic.de
Internet: www.beyerdynamic.de

United States
56 Central Ave.
Farmingdale, NY 11735
Tel. +1 (631) 293-3200
Fax +1 (631) 293-3288
E-mail: salesUSA@beyerdynamic.com
Internet: www.beyerdynamic.com

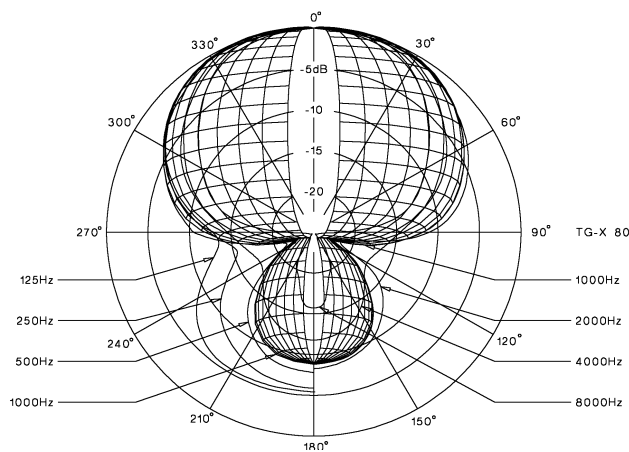
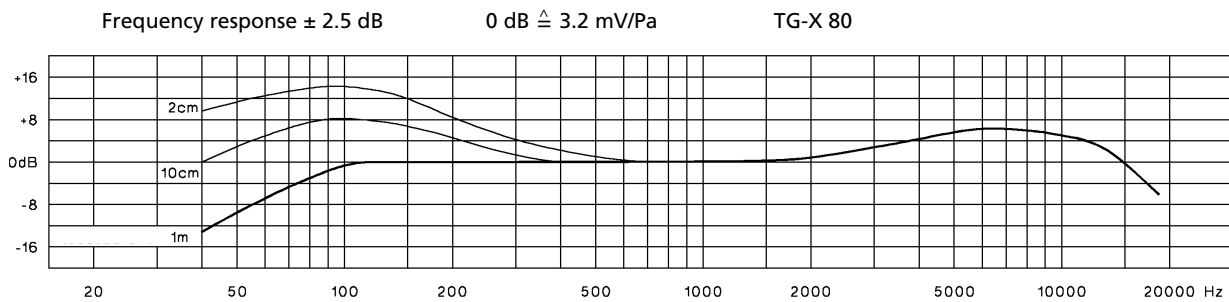
Great Britain
17 Albert Drive
Burgess Hill RH15 9TN
Tel. +44 (0)1444 / 258 258
Fax +44 (0)1444 / 258 444
E-mail: sales@beyerdynamic.co.uk
Internet: www.beyerdynamic.co.uk

TECHNICAL SPECIFICATIONS

Transducer type	Dynamic	
Operating principle	Pressure gradient	
Frequency response		
Close miking	30 - 18,000 Hz	
Distant miking	75 - 16,000 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	Aluminum, non-glare black mat	
Connection	3-pin XLR male	
Dimensions	Length:	205 mm
	Head diameter:	50 mm
Weight without cable	217 g	

FREQUENCY RESPONSE & POLAR PATTERN

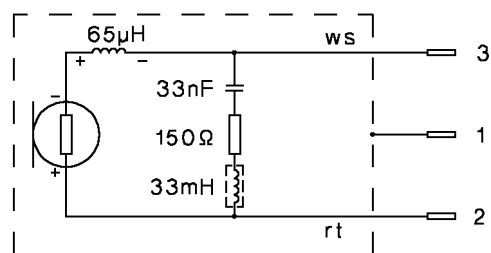
This polar pattern and frequency response curve (measuring distance ± 2.5 dB) correspond to a typical production sample for this microphone.



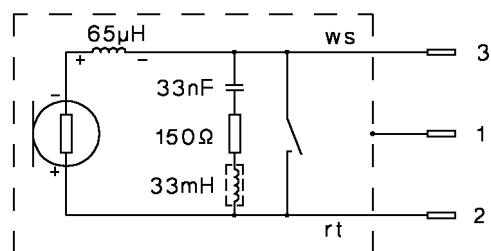
WIRING DIAGRAMS

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

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