

TG-X 60

Dynamic Microphone



FEATURES

- Hypercardioid polar pattern
- High volume before feedback
- Vocal tailored frequency response
- Rugged construction to withstand touring damage
- Shock absorbing rubber ring
- Structure borne noise attenuation
- TG-X 61 switched version

APPLICATIONS

The TG-X 60/61 is designed for close miking vocals especially in Pop, Soul and Jazz. Due to the proximity effect and the strong bass accentuation the TG-X 60/61 features a powerful yet soft and transparent sound in the highs. The hypercardioid polar pattern ensures a very high gain before feedback. The TG-X 60/61 can be used as handheld or on a stand with the supplied microphone clamp.

VERSIONS

TGX 60	Dynamic microphone, hypercardioid	Order # 436.283
TGX 61	same as above, but with ON/OFF switch.	Order # 436.321

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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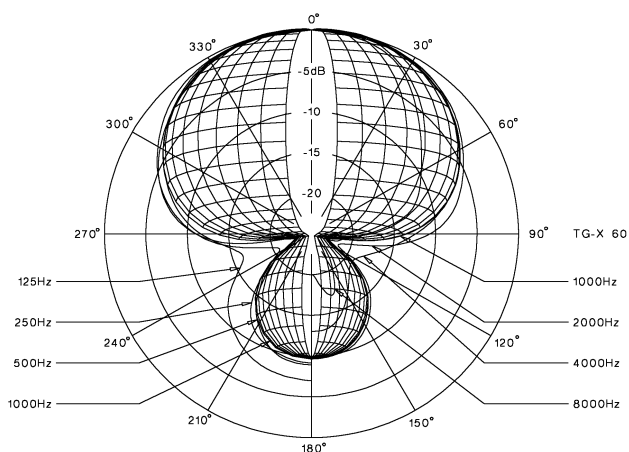
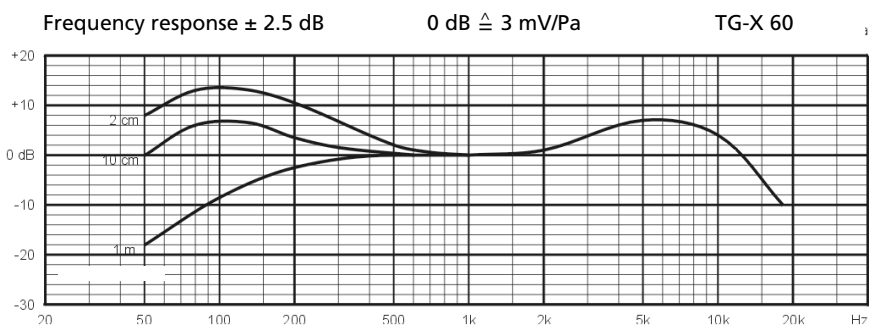
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TECHNICAL SPECIFICATIONS

Transducer type	Dynamic	
Operating principle	Pressure gradient	
Frequency response		
Close miking	25 - 18,000 Hz	
Distant miking	90 - 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)	3.0 mV/Pa \pm 1.5 dB = -50 dBV	
Magnetic field suppression	> 20 dB at 50 Hz	
Nominal output impedance	280 Ω	
Load impedance	\geq 1000 Ω	
Diaphragm	Macrolon®	
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

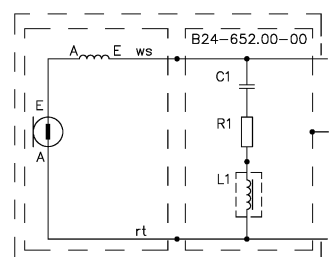
This polar pattern and frequency response curve (measuring distance \pm 2.5 dB) correspond to a typical production sample for this microphone.



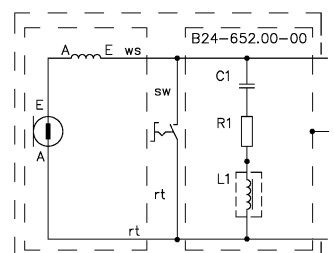
WIRING DIAGRAMS

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

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