

TG H74

Condenser Microphone



TG H74



TG H74 tan

FEATURES

- Supercardioid polar pattern
- High gain-before-feedback
- Rotatable and slidable microphone boom for optimal positioning
- Unobtrusive metal microphone arm
- Compensated close-miking effect
- High wearing comfort

APPLICATIONS

The TG H74, designed for wireless operation, offers plenty of freedom of movement. With a supercardioid polar pattern and compensated proximity effect, it is particularly suited for musical and theatre applications. Highly adjustable, exceptionally discreet, mountable on both sides and impressively small and rugged – what else could you want from a headset microphone? Available in both black and tan.

The TG H74 microphone is available in two versions: as Opus version it can be connected to the Opus series beltpack transmitters; as TG version it can be used with the wireless microphone systems of the TG series.

For wired applications with phantom power sources the TG H74 must be used with an optional power adapter.

SUPPLIED ACCESSORIES

WS 54 SW	Wind shield, black, supplied with the black microphone only	Order # 700.193
	or	
WS 54 SC	Wind shield, dark beige, supplied with the beige microphone only	Order # 700.207
Leatherette bag	Order # 609.137

TECHNICAL SPECIFICATIONS

Transducer type	Condenser (back electret)
Operating principle	Pressure gradient
Polar pattern	Supercardioid
Frequency response:	
Close miking	40 – 20,000 Hz
Distant miking (measured at 1 m)	160 – 17,000 Hz
Open circuit voltage	3.2 mV/Pa (-49.9 dBV)* ±3 dB
Nominal impedance	approx. 650 Ω
Load impedance	> 3.5 kΩ
Max. SPL at 1 kHz	144 dB*
Equivalent SPL	37 dB SPL*
Power supply	Direct current 1.5 - 9 V
Max. power consumption	780 µA
Connector	Mini-XLR, 4-pin, female
Dimensions:	
Diameter	7.7 mm
Length microphone boom	158 mm
Weight	32 g

*measured with CV 18

VERSIONS

TG H74 (Opus)	Condenser headset microphone, supercardioid, cable with 4-pin female Mini-XLR connector, black	Order # 707.090
TG H74 tan (Opus)	same as above, but beige	Order # 707.104
TG H74 (TG)	Condenser headset microphone, supercardioid, cable with 4-pin female Mini-XLR connector, black	Order # 708.364
TG H74 tan (TG)	same as above, but beige	Order # 708.372

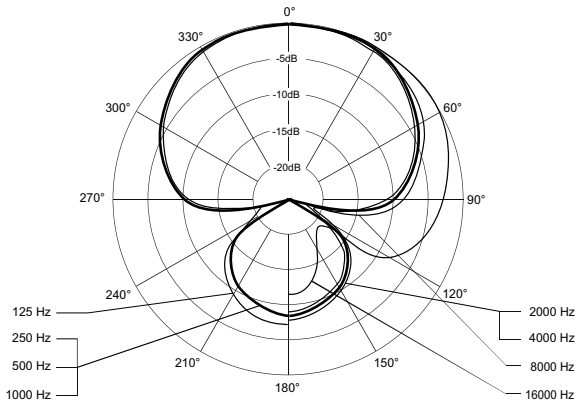
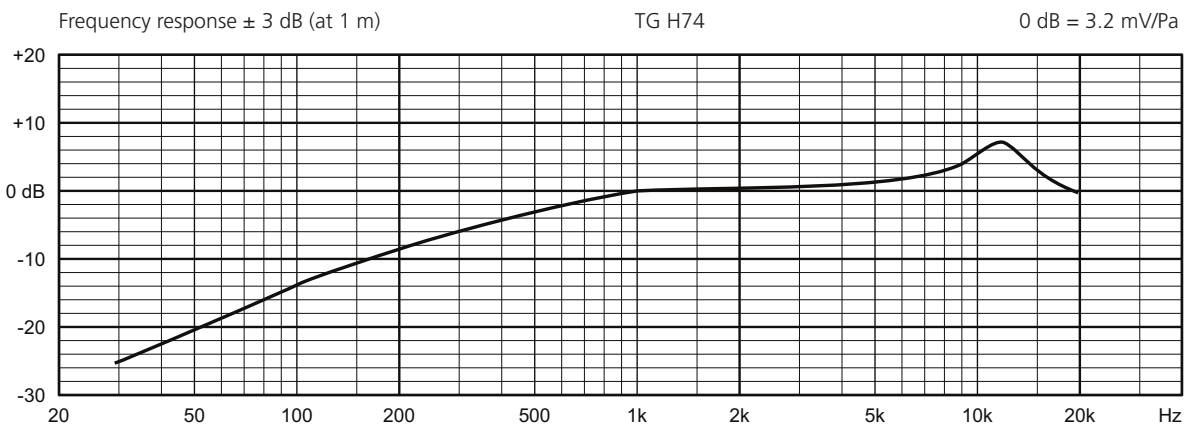
TG H74

OPTIONAL ACCESSORIES

CV 18	Power adapter to connect to phantom-powered microphone inputs, for microphones with Opus pin assignment Order # 475.378	MA-PVA	Power adapter to connect to phantom-powered microphone inputs, for microphones with TG pin assignment Order # 711.098
WS 54 SW	Wind shield, black Order # 700.193	WS 54 SC	Wind shield, dark beige Order # 700.207

FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve (measuring distance ± 3 dB) correspond to a typical production sample for this microphone.



WIRING DIAGRAMS

