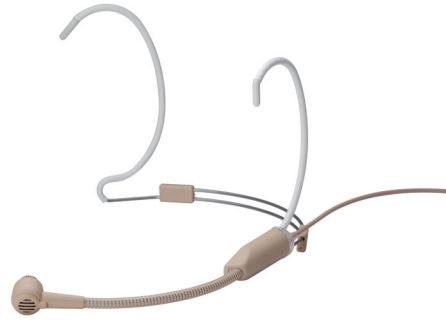


# TG H54c

Condenser Microphone



TG H54c



TG H54c tan

## FEATURES

- Cardioid polar pattern
- High gain before feedback
- Lightweight adjustable neckband
- Angled microphone head
- Slim, flexible gooseneck for optimum positioning
- Rugged “flexible” ear hooks

## APPLICATIONS

Easy handling, natural sound and a good fit – this perfectly sums up the characteristics of the TG H54c headset microphone with a cardioid polar pattern. That is why it is so popular on theatre and musical stages, especially with keyboardists and drummers who are also vocalists. But the TG H54c also cuts a fine figure off stage: like all headsets of the beyerdynamic Touring Gear series, it can be safely and compactly transported in the plastic case supplied with delivery.

The TG H54c microphone is available in two versions: as Opus version it can be connected to the beltpack transmitters of the wireless Opus 600 and Opus 910 microphone systems; as TG version it can be used with the wireless TG 1000 microphone system.

## VERSIONS

TG H54c (Opus)	Condenser headset microphone, cardioid, black, with 4-pin female mini XLR connector . . . . .	Order # 707.058
TG H54c tan (Opus)	same as above, but beige . . . . .	Order # 707.066
TG H54c (TG)	Condenser headset microphone, cardioid, black, with 4-pin female mini XLR connector . . . . .	Order # 708.313
TG H54c tan (TG)	same as above, but beige . . . . .	Order # 708.321

## TECHNICAL SPECIFICATIONS

Transducer type . . . . .	condenser (back-electret)
Operating principle . . . . .	pressure gradient
Polar pattern . . . . .	cardioid
Frequency response	
Close miking . . . . .	40 - 17,000 Hz
Distant miking (measured at 1 m) . . . . .	100 - 17,000 Hz
Open circuit voltage . . . . .	11 mV/Pa (-39.2 dBV) $\pm$ 3 dB*
Nominal impedance . . . . .	approx. 800 $\Omega$
Power supply . . . . .	1.5 - 9 V
Load impedance . . . . .	$\geq$ 4.7 k $\Omega$
Max. SPL at	
f = 1 kHz, k = 1%, R = 1 k $\Omega$ . . . . .	132 dB*
S/N ratio . . . . .	60 dB [CCIR, Q-Peak]*
Equivalent SPL . . . . .	26 dB [A, RMS]*
Connection . . . . .	4-pin mini XLR connector, female
Weight . . . . .	39 g

\*measured with CV 18

## SUPPLIED ACCESSORIES

WS 20 SW	Wind shield, black . . . . .	Order # 439.975
	<b>or</b>	
WS 20 WS	Wind shield, white . . . . .	Order # 439.983
	Black plastic case . . . . .	Order # 622.230

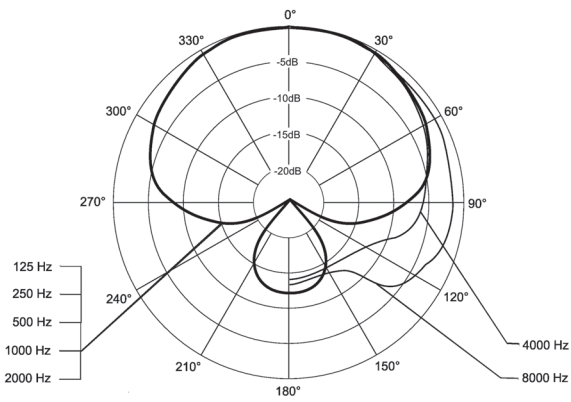
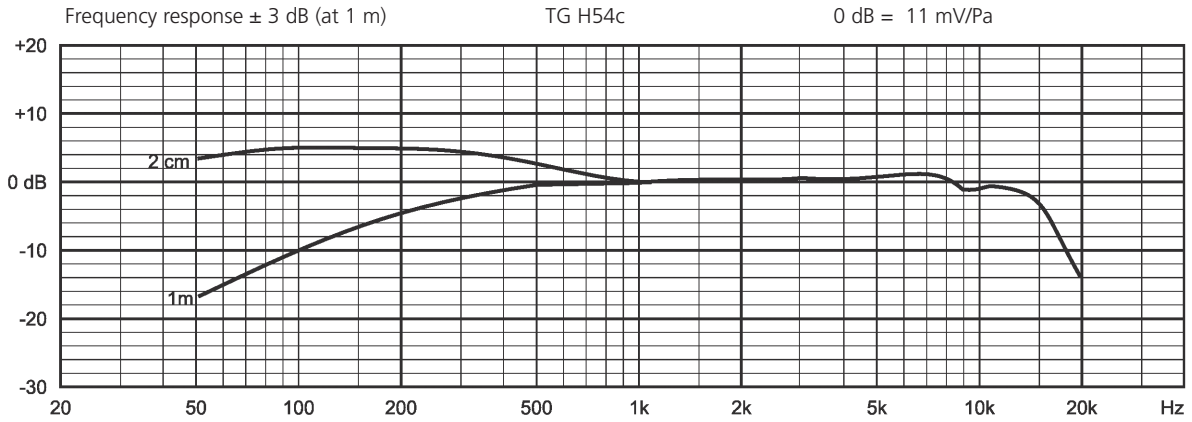
## OPTIONAL ACCESSORIES

CV 18	Phantom power adapter for Opus version to connect to phantom-powered microphone inputs . . . . .	Order # 475.378
WS 20 SW	Wind shield, black . . . . .	Order # 439.975
WS 20 WS	Wind shield, white . . . . .	Order # 439.983

# TG H54c

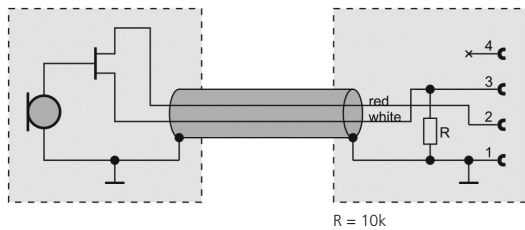
## FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve ( $\pm 3$  dB) correspond to a typical production sample for this microphone.



## WIRING DIAGRAMS

TG H54c (TG)



TG H54c (Opus)

