

# TG V90r

Dynamic Ribbon Microphone



## FEATURES

- High-quality ribbon microphone
- Cardioid polar pattern
- High gain before feedback

## APPLICATIONS

As the only vocal microphone with ribbon system in the world that can stand out even with live vocals on loud stages, the TG V90r is a highlight of the Touring Gear series. This new interpretation of the legendary M 500 combines the incomparably clear and always unobtrusive sound of a ribbon microphone with the high feedback rejection and ruggedness required for use on tour today. This is made possible by a new system design that achieves a cardioid polar pattern, which is exceptional for a ribbon microphone, combining high output levels with a construction suitable for the stage. The clear, natural sound from this ribbon microphone with a cardioid polar pattern is due to the ultra-light, approx. 2 micrometres thin pure aluminium ribbon that provides exceptional impulse fidelity and outstanding transient behaviour. No other microphone highlights the individuality of a voice like the TG V90r – one reason why it is so loved by vocalists who want something special. In addition to the high-quality craftsmanship, the TG V90r is also impressive with its elegant design and special surface treatment.

## VERSION

TG V90r Ribbon vocal microphone,  
cardioid incl. microphone clamp . . Order # 707.317

## TECHNICAL SPECIFICATIONS

Transducer type . . . . . Dynamic (ribbon)  
Operating principle . . . . . Pressure gradient  
Polar pattern . . . . . Cardioid  
Frequency response  
Close miking . . . . . 50 - 14,000 Hz  
Distant miking (measured at 1 m) . . . . . 90 - 14,000 Hz  
Open circuit voltage . . . . . 0.9 mV/Pa (-61 dBV)  $\pm$ 3 dB  
Nominal impedance . . . . . 330  $\Omega$   
Load impedance . . . . .  $\geq$  1 k $\Omega$   
Diaphragm . . . . . Pure aluminium  
Connection . . . . . 3-pin XLR, male  
Dimensions:  
Length . . . . . 184 mm  
Shaft diameter . . . . . 26/35 mm  
Head diameter . . . . . 57 mm

## OPTIONAL ACCESSORIES

BMC 05 FM Standard microphone cable  
XLR-XLR, length 5 m . . . . . Order # 434.78  
BMC 10 FM Standard microphone cable  
XLR-XLR, length 10 m . . . . . Order # 434.795  
GST 400 Microphone stand, 3/8",  
height 0.90 - 1.65 m,  
with removable G 400 boom. . . . . Order # 421.294  
GST 500 Microphone stand, 3/8",  
height 0.85 - 1.60 m,  
with removable, telescopic  
G 500 boom . . . . . Order #406.252  
ST 600 Stand, 3/8",  
height 0.87 - 1.57 m. . . . . Order # 421.316  
MKV 8 Microphone clamp,  
3/8" and 5/8" . . . . . Order # 407.216

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## FREQUENCY RESPONSE & POLAR PATTERN

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

