

# TG MM1w

Measurement Microphone Head

Order # 712.043



## FEATURES

- Diffuse field equalised frequency response
- Omnidirectional polar pattern
- Calibrated open circuit voltage
- Narrow tubular metal construction
- Supplied with individual frequency response curve (also available as download or as file on request)

## APPLICATIONS

In combination with the TG 1000 handheld transmitter the TG MM1w interchangeable capsule is used for wireless measuring of sound reinforcement systems. In addition to level measurements it can be used for determining frequency responses by using appropriate analysers. The remote narrow tubular microphone capsule makes sure that the influence on the sound field can be neglected so that an increase in sound pressure is avoided with high frequencies.

## OPTIONAL ACCESSORIES

WS 10 Wind shield, charcoal-grey . . . . . Order # 403.008  
TG 1000 Handheld transmitter for Region A,  
470 - 789 MHz. . . . . Order # 711.039

## TECHNICAL SPECIFICATIONS

Transducer type . . . . . Condenser (back electret)  
Operating principle . . . . . Pressure  
Frequency response . . . . . 30 - 20,000 Hz  
Polar pattern . . . . . Omnidirectional,  
diffuse field equalised

Open circuit voltage  
at  $f = 1 \text{ kHz}$  . . . . . 15 mV/Pa (= -36.5 dBV)  $\pm 1 \text{ dB}^*$   
Sound pressure level . . . . . 120 dB\*  
S/N ratio rel. to 1 Pa. . . . . 56 dB\*  
A-weighted equivalent SPL . . . . . 27 dB  
Dimensions:  
Head diameter . . . . . 9 mm  
Shaft diameter . . . . . 36 mm  
Length . . . . . 94 mm  
Weight . . . . . 96 g

\*measured with the capsule only, but without radio link

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## FREQUENCY RESPONSE & POLAR PATTERN

This polar pattern and frequency response curve correspond to a typical production sample for this microphone. Each microphone is supplied with a printout of an individually measured 0° frequency response curve. Measured data can be requested via the following link: [www.beyerdynamic.com/mm1-register](http://www.beyerdynamic.com/mm1-register)

