

# MMX 2

Digital Multimedia / Gaming Headset

Order # 717.223



## FEATURES

- Closed headphone
- Excellent ambient noise attenuation
- Flexible headband for optimum fit
- Cardioid condenser microphone (back electret)
- Noise-cancelling microphone
- Single-sided cable

## DESCRIPTION

The MMX 2 headset is ideal for gaming, multimedia applications as well as Voice over IP and provides a unique sound. The noise-cancelling microphone ensures a clear and precise voice transmission even in noisy surroundings.

## SPARE PARTS

EDT 231 V Ear pads, velours, supraaural,  
black. . . . . Order # 954.249

## TECHNICAL SPECIFICATIONS

### Headphone

Transducer type . . . . . Dynamic  
Operating principle . . . . . Closed  
Frequency response . . . . . 18 - 22,000 Hz  
Nominal SPL . . . . . 110 dB  
T.H.D. . . . . < 0.2%  
Sound coupling to the ear . . . . . Supraaural

Nominal impedance . . . . . 32  $\Omega$  per system  
Nominal headband pressure . . . . . 2 N  
Weight incl. microphone . . . . . 155 g  
Cable length and type . . . . . 2.5 m, straight cable  
Connection . . . . . Mini stereo jack plug (3.5 mm)

### Microphone

Transducer type . . . . . Condenser (back electret) Operating principle . . . . . Pressure gradient  
Polar pattern . . . . . Cardioid  
Power supply . . . . . AB powering  
Supply voltage . . . . . 1.5 - 9 V  
Current consumption . . . . . < 0.5 mA

Nominal impedance . . . . . approx. 1.5 k $\Omega$  Open  
circuit voltage at f = 1 kHz . . . 15 mV / Pa

Frequency response . . . . . 50 - 18,000 Hz  
T.H.D. . . . . 0.2% at f = 1 kHz  
Max. SPL . . . . . 120 dB  
Microphone output . . . . . unbalanced  
Dimensions  
Length mic boom . . . . . approx. 150 mm  
Capsule diameter . . . . . 12.5 mm

Connection. . . . . Mini stereo jack plug (3.5 mm)  
 Ring and tip: AF, shaft: ground

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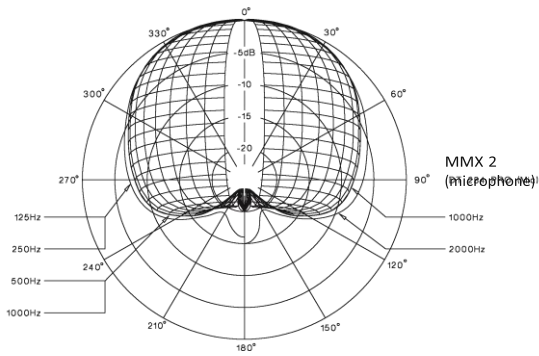
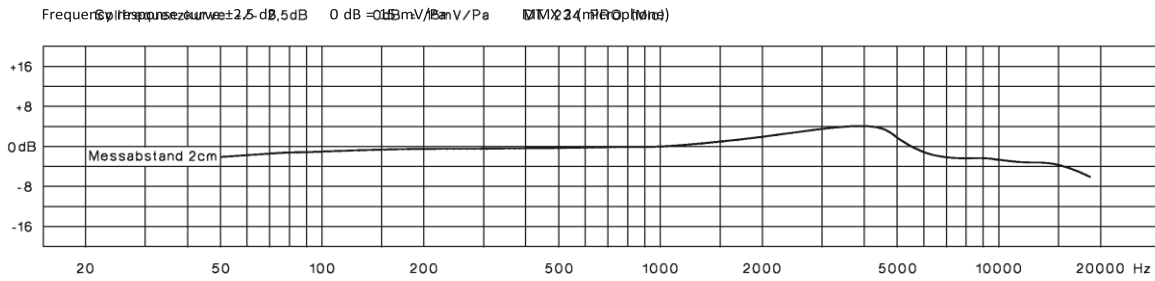


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## FREQUENCY RESPONSE & POLAR PATTERN

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



## WIRING DIAGRAM

Positive pressure produces positive voltage on the ring and top of the jack plug.

