

MMX 1



Headset with Condenser Microphone

Order # 482.129

Features

- Closed headphone
- Excellent ambient noise attenuation
- Transparent blue ear caps
- Cardioid condenser microphone (back electret)
- High noise cancellation
- Top-quality speech reproduction
- Single-sided cable
- Automatic configuration due to USB 2.0



Description

The MMX 1 headset is ideal for multimedia applications such as voice recognition, Voice over IP, internet games, voice chat, video conferencing and other voice applications. The microphone provides a very good noise cancellation and high-quality speech reproduction. Furthermore, the microphone features a switchable gain of 20 dB which can be activated or deactivated via the PC. There are no special drivers required and the MMX 1 can be operated with any standard sound card. The headset has a USB plug and can be connected to each PC via the USB port and operated with one of the operating systems listed below.

PC: Windows® 98 SE (Second Edition), ME, 2000 or XP

Apple: MAC OS 9 and OS X

Spare Parts

EDT 231 V Ear pads, velours, circumaural, black Order # 954.249

Technical Specifications

Headphone

Transducer type	Dynamic
Operating principle	Closed
Frequency response	20 - 18,000 Hz
Max. SPL	110 dB
T.H.D.	< 0.2%
Sound coupling to ear	Circumaural
Nominal headband pressure	2 N
Weight (incl. microphone)	155 g
Cable length	2.5 m, straight cable
Connection	USB Standard 1.1 and 2.0

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Technical Specifications

Microphone

Transducer type	Condenser (back electret)
Operating principle	Pressure gradient
Polar pattern	Cardioid
Frequency response	50 - 18,000 Hz
Circuit voltage at $f = 1$ kHz	-24 dBFS/Pa -4 dBFS/Pa, switchable
THD	0.2% at $f = 1$ kHz
Max. SPL	125 dB
Dimensions	
Length mic boom:	approx. 150 mm
Capsule diameter:	12.5 mm

Frequency Response & Polar Pattern

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

