

# 500DM SERIES

Intelligent Microphones  
Ensure a clear and  
high-privacy call anytime,  
anywhere



Luxurious Comfort | High Reliability | Great Stereo Sound

# PERFECT HEADSET FOR MS TEAMS



- Great Stereo Sound
- Microsoft Optimized
- All Day Comfort
- Protein Leather Cushions

## AENC TECHNOLOGY

**AENC Voice algorithms,** integrating 10 + acoustic patents technology achievements, including 6 invention patents



**CPU&DSP dual-core audio processing chip A9219:**

- high-performance ARM Cortex-M4F core
- the highest frequency is 192MHz

## SPECIFICATIONS

<b>Audio Technologies</b>	Noise Reduction Method:	Ai mic noise-cancelling technology	
	Noise Reduction Depth:	up to 54dB(A)	
	Acoustic Echo Cancellation:	yes	
	Voice Activity Detection:	yes	
	Comfort Noise Generator:	yes	
	Automatic Gain Control:	yes	
	Microphone Array:	3-mic array	
<b>Audio Quality</b>	Audio Quality:	up to 96k/24bit/s	
	Signal to Noise Ratio:	105dB	
	Dynamic Range:	0~105dB	
	Dual Channel Output:	Stereo	
<b>Main Microphone</b>	Microphone Type:	uni-directional ECM	
	Microphone Frequency Response Range:	100 Hz-14 kHz	
	Microphone Bandwidth:	Wideband	
	Microphone Sensitivity:	-44.0±1dB re. 1 V/Pa	
<b>Speaker</b>	Speaker Size:	27.0 mm	
	Speaker Sensitivity:	101±1dB SPL @ 1 kHz	
	Speaker Frequency Response Range:	20 Hz-20 kHz	
	Speaker Impedance:	32 Ω, @ 1.0 kHz	
	Speaker Input Power:	max 10mW	
	Speaker Bandwidth:	Wideband	
	<b>Integrated Busylight</b>	Status Indicator:	red light LED/no light
Busy Status Display Function:		automatically light up/ turn off the red light on end a call	
Incoming call Alarm:		the red light flashes (Please check the attachment for the compatibility list)	
Manual mode:		Support (Press the answer/ end calls button)	
<b>Package Features</b>	Package Contents:	Headset, Carrying case and Quick start guide	
	Qty/ctn:	20 pcs	
	N.w/ctn:	2.6kg	
	G.w/ctn:	5.1kg	
	Giftbox:	180mm*200mm*50mm	
	Carton:	424mm*386mm*275mm	
<b>General</b>	Material:	ABS/TPE	
	Headset Cable Length:	0.8m (from Headset to In-line Control Unit)	
	USB Cable Length:	1.2m (from In-line Controls unit to USB-A Plug)	
	Color:	Black/Silver	
	Product Size:	180mm(H)*145mm(W)	
	Weight (Headset & In-Line Controls):	136g	
	Storage Temperature:	-5 °C to +70°C	
	Operating Temperatures:	0°C to +45°C	
	<b>In-line Controls</b>	Answer/End a Call Button (Please check the attachment for the compatibility list)	Volume Up/Down Button



Fully optimized for Microsoft Teams



Busylight

