

Technical specifications

EPOS

IMPACT 500 Series

- EPOS AI™ and expertly tuned microphones remove unwanted noise, making remote conversations feel as real as being there in person
- Certified for Microsoft Teams, it enables easy connectivity, so you can stay seamlessly connected throughout your workday.
- Reduce background noise during calls or when you need to focus — helping you stay productive across diverse working environments
- Communicate with confidence all day with over 36 hours of talk time, talk-through mode and intuitive boom arm call control
- Boost focus and productivity with EPOS BrainAdapt™ technology, designed to protect your brain from fatigue caused by poor audio and noise

Design

Wearing style	Headband, stereo
Ear coupling	On-ear
Ear pad material	Leatherette
Color	Black

Smart features

LED features and functions	Call control on headset, single-sided busy light, mute LED on boom arm
Boom arm features	Flexible, 270 degrees rotation for left and right wearing. Lift to mute, answer calls

Connectivity

Connectivity	Bluetooth®, USB-C to USB-C cable, BTD 900c dongle and BTD C to A adapter, USB-C to A adapter (variant dependent)
Bluetooth® version	5.3
Bluetooth® profiles	HSP 1.2, HFP 1.8, A2DP 1.3.2, AVRCP 1.6.2
Native Bluetooth	Yes, Microsoft Teams, Zoom Workplace
Paired devices	Up to 8 Bluetooth® devices
Simultaneous Bluetooth® connections	2

Battery

Battery type	Rechargeable lithium-ion battery
Battery capacity	680 mAh
Music time ANC off	Up to 89 hours
Music time ANC on	Up to 51 hours
Talk time ANC off	Up to 36 hours (busylight on)
Corded charging	USB-C
Power via USB cable	5V max 670mA
Charging time	1.5 hours
Fast charge	10 minutes gives up to 5 hours

Microphone

Microphone noise-cancelling	Ultra noise-cancelling
Environmental noise cancellation (ENC)	AI based noise reduction
Number of microphones	6
Microphones for voice pick-up	3
Microphone technology	Digital MEMS
Microphone pick-up pattern	Adaptive beamforming
Frequency response	100 Hz – 8 kHz Wideband
Sensitivity	-17 dBFS/Pa @1kHz

Speaker

Acoustical principle	Dynamic closed
Active noise cancellation (ANC)	Hybrid
Passive damping (ANC off)	-13 dB (50-10kHz)

Speaker

Bandwidth (speak mode)	100 Hz – 8 kHz Wideband
Bandwidth (music mode)	20 Hz – 20 KHz Music quality
Sensitivity	113 ± 3 dB @ 1 kHz, 1 mW
Max sound pressure	118 dB SPL @ 1 kHz
Total harmonic distortion	< 0.5% @ 1 kHz
Impedance	16 ohm
Size	30 mm
User hearing protection	EPOS ActiveGard®, EU Noise at Work limiter, Australia G616 Acoustic Safety
Talk through	Yes

Weight

Headset weight	139 g | 4.9 oz

Dimensions

Double-sided Headset (DxWxH)	65 x 168 x 173 mm | 2.2 x 6.6 x 6.8 in
Earcups (D)	65 mm | 2.56 in
Length boom arm	136 mm | 5.35
USB-C cable length	120 cm | 47.24 in

Software & Apps

EPOS devices can be managed with following software solutions:	
EPOS Connect desktop app	EPOS Connect freeware for Windows and Mac. Conduct firmware updates and configure headsets for personal audio preferences: eposaudio.com/software-epos-connect
EPOS Connect mobile app	Compatible with most iOS and Android systems and available in 7 languages including English, French, German, Spanish, Japanese, Korean and Simplified Chinese.
EPOS Connect for thin clients	Conduct firmware updates, supported by DellWyse, Linux, IGEL, eLux
EPOS Connect for web	A web-based solution to conduct firmware updates and configure headsets for personal audio preferences
EPOS Manager	Manage, update and configure EPOS audio devices from any location. For both cloud and on-premises solutions: eposaudio.com/software-epos-manager

Extended info

Warranty	2 years
Max operating temperature	-10°C to 45°C | 14°F to 113°F
Storage temperature	-10°C to 60°C | 14°F to 140°F
Packaging weight	408.5 g | 14.4 oz
Master carton weight	4880 g | 172.13 oz
Packaging dimensions (LxWxH)	220 x 203 x 57 mm | 8.6 x 7.99 x 2.24 in
Master carton dimensions (LxWxH)	432 x 313 x 257 mm | 17 x 12.32 x 10.11 in
Units per master carton	10

Product information

Product	What's in the box	Certifications and compliance	EAN code	UPC code
IMPACT 500 MS UC ANC WL USB-C+A Art. no. 1001490	Stereo headset, Sustainable carry pouch, Bluetooth® USB dongle BTD 900c, BTD C to A adapter, USB-C to USB-C cable (1.2m), Safety & Compliance sheet, Quick guide	Microsoft Teams, Zoom Workplace Google Meet, Webex by Cisco. Compliant with any softphone supporting standard USB HID protocol or any softphone with dedicated implementation to EPOS SDK. Please refer to EPOS Compatibility guide for further details link	57 14708 01311 2	8 40064 41290 2
IMPACT 500 MS UC ANC WL Art. no. 1001375	Stereo headset, Sustainable carry pouch, USB C to A Adapter, USB-C to USB-C Cable (1.2m), Safety & Compliance sheet, Quick guide	Microsoft Teams, Zoom Workplace. Compliant with any softphone supporting standard Bluetooth HFP protocol. Please refer to EPOS Compatibility guide for further details link	57 14708 01205 4	8 40064 41185 1

Accessories

Product	Short Description	EAN code	UPC code
BTD 900c Art. no. 1001149	USB-C Bluetooth® adapter	57 14708 00975 7	8 40064 40975 9
Headset Pouch 01 Art. no. 1001239	Headset pouch in grey sustainable RPET felt material	57 14708 01046 3	8 40064 41046 5
Replacement USB-C to USB-A Adapter Art. no. 1001474	Converts USB-C cables to connect to USB-A ports	57 14708 01295 5	8 40064 41274 2
Replacement BTD USB-C to USB-A Adapter Art. no. 1001589	Replacement BTD USB-C to USB-A Adapter that allows USB-C dongles to be used in USB-A ports.	57 14708 01416 4	8 40064 41390 9
Replacement Cable USB-C to USB-C 1.2m Art. no. 1001489	Replacement cable	57 14708 01310 5	8 40064 41289 6
Spare battery 07 Art. no. 1001546	Spare battery IMPACT 500	57 14708 01371 6	8 40064 41347 3