

NUROUM OW20B Open-Ear Bluetooth Headphones



Dual Microphone System



Superior Sound Quality



Long Battery Life



Bluetooth V5.4



AI Noise Suppression



Comfort Wearable

With NUROUM OW20B Open-Ear Bluetooth Headphones, you can enjoy exceptional audio quality, supreme comfort, and reliable connectivity anywhere you go. Whether you're working out, commuting, or simply relaxing, these headphones elevate your listening experience to new heights. Equipped with a powerful battery, our headphones provide an impressive playtime of up to 15 hours, ensuring uninterrupted music and entertainment throughout the day. Immerse yourself in premium sound while staying connected to the world around you. Elevate your audio experience with our innovative OW20B Open-Ear Bluetooth headphones.

Product features

Dual Microphone System

The ECM microphone provides targeted capturing of the user's voice for clear and focused audio transmission during phone calls or voice commands. Meanwhile, the MEMS microphone offers ambient sound pick-up, allowing for noise cancellation during audio playback.

Superior Sound Quality

With a unique design and innovative technology, NUROUM OW20B provides high-quality audio reproduction, enabling users to enjoy their favorite music with outstanding clarity and detail.

Long Battery Life

With an impressive battery life of up to 15 hours, immerse yourself in non-stop music, podcasts, or audiobooks throughout your day.

Bluetooth V5.4

With Bluetooth V5.4 connectivity, seamless pairing and stable wireless connections are just a touch away. Enjoy consistent audio streaming within a generous range.

AI Noise Cancellation

Experience crystal-clear conversations and immersive sound quality. Our advanced AI Noise Suppression technology filters out background noise, delivering exceptional call clarity and audio performance.

Comfort Wearable

Our ergonomic design ensures a comfortable and secure fit, allowing you to wear the headphones for extended periods without any discomfort or fatigue.

•Dual Microphone System

•Superior Sound Quality

•Long Battery Life

•Bluetooth V5.4

•AI Noise Suppression

•Comfort Wearable

NUROUM OW20B Datasheet

Contents	Technical Specifications	
Features	Waterproof level	IPX6
	Magnetic charging	Support
	Wearing method	Ear-mounted; air conduction
	Battery specification	Lithium polymer battery, 3.7V/180mAh
	Charging Specifications	5V-500mA
	Charging time	2h
	Standby battery life	180h
	Work time	Music 15h / Call 12h
Bluetooth specification	Specification	V5.4
	Protocol	HFP, A2DP, AVRCP
	Working frequency	2400~2483.5MHz
	Scope of use	>=10m (open space)
Audio performance	AI noise reduction	Support
	Echo cancellation	Support
	Noise reduction	Dual microphone ENC noise reduction
Microphone	Microphone type	ECM directional microphone*2
	Sensitivity	-38dBV/Pa 94dB SPL@1kHz
	SNR	60dBV/Pa 94dB SPL@1kHz, A-weighted
	Frequency response	100Hz-10kHz
Speaker	Rated output power	16Ω/40mW
	Effective frequency range	20Hz-20kHz
	Sensitivity	129±3dB@1mW, 10MM@100Hz
	THD Total Harmonic Distortion	<=3%@1000Hz, 1mW
Dimensions	Product Size	124*110*45mm
	Package Size	108*58*155mm
	Net weight	31g
Others	Support system	Android/iOS/WIN/MAC
	Installation method	Neck-hanging
	Color	Black
	Operating temperature	-10~55°C
	Package list	OW20B*1 User manual*1 Warranty card*1 USB cable*1

*All tech specs are subject to change without notice.