Product specification sheet

Product	JBL Live 680NC Wireless Headphones (Black)
SKU	cm-LIVE680NC-BK
Brand	JBL
Category	Audio & Video
Minimum order quantity	1
Unit	—
Unit price	$145.00
Available quantity	100

Description

JBL Live 680NC On-Ear Headphones The JBL Live 680NC headphones are designed for customers who want powerful JBL sound, adaptive noise cancelling, clear calls, and long battery life in a lighter on-ear design. They are ideal for commuting, studying, working, travel, calls, music, podcasts, and daily entertainment Their strongest selling point is the balance between JBL Signature Sound, Hi-Res Audio, True Adaptive Noise Cancelling 2.0, and up to 80 hours of battery life. With Spatial Sound, Bluetooth 6.0, multi-point connection, app customization, and a foldable design, the JBL Live 680NC gives users a modern listening experience that is easy to carry and comfortable for everyday use Key Features JBL Signature Sound Hi-Res Audio support in wired and wireless modes JBL Spatial Sound for immersive audio from stereo content True Adaptive Noise Cancelling 2.0 with real-time calibration 4-microphone adaptive noise cancelling system 2-mic Perfect Calls 2.0 with AI-trained algorithm Ambient Aware and TalkThru support VoiceAware support Bluetooth 6.0 Next-gen Bluetooth with LE Audio Auracast support through the JBL Headphones app Multi-point connection for two Bluetooth devices JBL Headphones app customization Personi-Fi 3.0 personalized sound Touch control Up to 80 hours music playtime with ANC off Up to 50 hours music playtime with ANC on Up to 33 hours talk time 5-minute speed charge gives up to 4 hours of playtime Fully foldable on-ear design Lightweight 231.16g body Soft ergonomic earcups Lightweight silicone headband Sturdy metal hinge Carrying pouch included Main Feature Sections JBL Signature Sound with Hi-Res Audio The JBL Live 680NC delivers JBL Signature Sound with greater clarity, detail, and range. Hi-Res Audio support in wired and wireless modes helps make playlists, videos, podcasts, and calls sound richer and more refined. True Adaptive Noise Cancelling 2.0 True Adaptive Noise Cancelling 2.0 uses four microphones to analyze your surroundings and adjust noise cancellation in real time. This helps reduce distractions while working, studying, traveling, or relaxing. JBL Spatial Sound JBL Spatial Sound creates a more immersive 3D-style listening experience from stereo content. It is useful for movies, music, videos, and casual gaming when users want a wider soundstage. Clear Calls with AI Noise Reduction The 2-mic Perfect Calls 2.0 system uses dual beamforming microphones and an AI-trained algorithm to help reduce traffic, wind, and background noise. This helps voice calls sound clearer and more natural. Bluetooth 6.0 with LE Audio With Bluetooth 6.0 and LE Audio support, the JBL Live 680NC is built for modern wireless listening with improved efficiency and future-ready audio sharing features. Auracast support can be accessed through the JBL Headphones app where supported. Multi-Point Connection Multi-point connection allows users to pair the headphones with two Bluetooth devices at the same time. This makes it easy to switch between a laptop and phone without manually disconnecting and reconnecting. JBL Headphones App Control The JBL Headphones app lets users customize sound settings, activate Spatial Sound, adjust noise control, personalize audio with Personi-Fi 3.0, and customize touch and button controls. Personi-Fi 3.0 Personalized Audio Personi-Fi 3.0 helps shape the sound based on the user’s listening profile and preferences. This gives a more personal sound experience compared to standard audio presets. Long Battery Life The JBL Live 680NC offers up to 80 hours of music playtime with ANC off and up to 50 hours with ANC on. When the battery is low, a 5-minute speed charge gives up to 4 hours of playtime. Foldable On-Ear Comfort The on-ear design is lighter and more compact than over-ear headphones, making the Live 680NC easier to carry daily. The soft earcups, silicone headband, sturdy metal hinge, and foldable structure make it practical for work, travel, and everyday use. Optional JBL Smart Tx Support The JBL Live 680NC can work with JBL Smart Tx for additional connection flexibility through 3.5mm or USB-C sources without relying on Bluetooth. JBL Smart Tx is sold separately. Technical Specifications Product Name: JBL Live 680NC Headphones Headphone Type: Wireless on-ear headphones Driver Size: 40mm Number of Microphones: 4 JBL Signature Sound: Supported Hi-Res Audio: Supported in wired and wireless modes Spatial Sound: Supported True Adaptive Noise Cancelling 2.0: Supported Ambient Aware: Supported TalkThru: Supported VoiceAware: Supported Perfect Calls 2.0: Supported Call Microphones: 2-mic call system Driver Sensitivity at 1kHz/1mW: 98dB Dynamic Frequency Response Range: 10Hz–40kHz Impedance: 32 ohms Bluetooth Version: 6.0 Bluetooth Frequency: 2.4GHz–2.4835GHz Bluetooth Profiles: A2DP V1.4.0, AVRCP V1.6.3, HFP V1.9.0 Bluetooth Transmitted Modulation: π/4-DQPSK, 8DPSK Bluetooth Transmitter Power: < 13dBm EIRP Multi-Point Connection: Supported Touch Control: Supported JBL Headphones App: Supported Wireless: Supported Audio Cable Length: 1.2m Weight: 231.16g Ear Cup External Height: 7.45cm Ear Cup External Width: 7.45cm Ear Cup Internal Height:

3.1cm Ear Cup Internal Width: 3.1cm Ear Cup Depth: 2.29cm Charging Time from Empty: 2 hours Maximum Music Playtime with ANC Off: Up to 80 hours Maximum Music Playtime with ANC On: Up to 50 hours Maximum Talk Time: Up to 33 hours Speed Charge: 5 minutes for up to 4 hours of playtime Maximum Playtime: Up to 80 hours Charging Cable: Not included based on provided specs Foldable Design: Supported Carrying Pouch: Included Battery Life Music Playtime with ANC Off: Up to 80 hours Music Playtime with ANC On: Up to 50 hours Maximum Talk Time: Up to 33 hours Charging Time from Empty: Approx. 2 hours Speed Charge: 5 minutes gives up to 4 hours of playtime Bluetooth Version Bluetooth 6.0 What's in the Box JBL Live 680NC Headphones x1 USB Type-C to Analog 3.5mm Cable x1 Carrying Pouch x1 Quick Start Guide x1