LIVE 780NC

Wireless Noise Cancelling Over-ear Headphones



All-day companion.

Slip on your JBL Live 780NC over-ear headphones and every moment of your day sounds better. Rich, captivating JBL Signature Sound and Hi-Res certified audio makes playlists, podcasts, and videos feel more engaging. Six-mic Adaptive Noise Cancelling 2.0 clears away distractions with more precision, so you can focus, relax, or just enjoy the peace and quiet. The refreshed over-ear design feels as good as it sounds, combining earcups shaped for comfort and acoustic precision with a sturdy metal hinge and a clean, modern look that fits your style. Calls sound natural and clear, thanks to the AI-trained algorithm, while the lightweight fit keeps you comfortable through long stretches of work, travel, or downtime. With simple app controls to customize your sound, earcup and button controls, a foldable design that packs up in seconds, and a battery that keeps up for days*, the Live 780NC is built to move seamlessly through your everyday world.

*80 Hours with ANC off

Features

- JBL Signature Sound with Hi-Res Audio (wired and wireless)
- True Adaptive Noise Cancelling 2.0, real time calibration
- 2-mic Perfect Calls 2.0 with AI-trained algorithm
- Next-gen Bluetooth® with LE Audio
- Power that keeps up
- Multi-point connection
- Fully foldable comfort that moves with you
- Customizable through the JBL Headphones app
- Personi-Fi 3.0
- Seamless control with JBL Smart Tx

Bluetooth®

LIVE 780NC

Wireless Noise Cancelling Over-ear Headphones



Features and Benefits

JBL Signature Sound with Hi-Res Audio (wired and wireless)
JBL Signature Sound delivers greater clarity, detail, and range, bringing your music to life with the richness and precision of true Hi-Res audio. JBL Spatial Sound immerses you in 3D sound from any stereo content. Finetune your sound experience with the JBL Headphones app whether you're in wireless or wired mode.

True Adaptive Noise Cancelling 2.0, real time calibration
The six microphones advanced technology of the JBL Live 780NC headphones allows to precisely capture and filter environmental noises. The microphones continuously analyze your surroundings, adjusting in real time to block distractions with greater accuracy. Or you can use the JBL Headphones App to adjust how much of the outside world to let in. Stay focused on your music, your work, or your peace of mind—wherever you are.

2-mic Perfect Calls 2.0 with AI-trained algorithm
Dual beamforming mics and intelligent noise cancellation cut through traffic, wind, and background hum. Every word comes through naturally clear, just like you're both in the same room.

Next-gen Bluetooth® with LE Audio
Connect with lower power, at higher quality and not only via Bluetooth. Stream your own content or tap into AuracastTM for audio sharing right from the JBL Headphones app. It's future-ready listening made simple. broadcasts right from the JBL Headphones app. It's future-ready listening made simple.

Power that keeps up
With up to 80 hours* of battery life, your music goes further than ever. And when you're running low, just a 5-minute speed charge gives you 4 more hours of playtime, so you're never without your soundtrack.
(*With ANC off. Up to 50 hours with ANC on.)

Multi-point connection
Pair with two Bluetooth devices at once and switch without missing a beat. Watch a movie on your tablet in the airport lounge, then pick up your phone instantly when it rings, interruption-free.

Fully foldable comfort that moves with you
Soft, ergonomically shaped earcups and a lightweight silicone headband keep you listening for hours without pressure. The over-ear design enhances both comfort and acoustic performance, while a sturdy metal hinge adds durability. And when you're done listening, they fold flat in a heartbeat and slip into their soft pouch, ready to go anywhere.

Customizable through the JBL Headphones app
Use the JBL Headphones App to tailor make your sound settings, activate Spatial Sound, personalize your sound with Personi-fi 3.0, customize the touch and button control features, personalize the call settings and much more. The Low Volume Dynamic EQ provides powerful sound even when listening at a lower volume. Turn on the Personal Sound Amplification feature to adjust the left and right earcups' balance and amplify the conversations volume.

Personi-Fi 3.0
Hear and feel every note of your playlist. Shape your audio to match your personal listening profile with interactive customization tools that use precise information about you and your preferences to provide the exact sound curve that suits you best.

Seamless control with JBL Smart Tx
Plug into any 3.5 mm or USB-C source and still enjoy wireless freedom—no Bluetooth needed. Smart Tx keeps your favorite features at your fingertips, so you can connect anywhere without compromise. The JBL Smart TX can be purchased separately.

Technical Specifications

General Specifications
- Driver size: 40 mm / 1.57" Dynamic Driver
- Power supply: 5 V ⎓1 A
- Maximum operation temperature: 40 °C

Audio Specifications
- Frequency response: 10 Hz - 40 kHz
- Impedance: 32 ohm
- Sensitivity: 98 dB SPL@1 kHz
- Maximum SPL: 94 dB
- Microphone sensitivity: -38 dBV/Pa@1 kHz

Control and Connection Specifications
- Bluetooth version: 6.0
- Bluetooth profile version: A2DP V1.4.0, AVRCP V1.6.3, HFP V1.9.0
- Bluetooth transmitter frequency range: 2.4 GHz - 2.4835 GHz
- Bluetooth transmitter power: < 15 dBm (EIRP)
- Bluetooth transmitter modulation: GFSK, π/4-DQPSK, 8DPSK

Dimension Specifications
- Weight: 260 g / 0.573 lbs
- Ear cushion outer length: 98.6mm
- Ear cushion outer width: 80mm
- Ear cushion height: 23mm
- Ear cushion inner length: 60.4mm
- Ear cushion inner width: 41.5mm
- Audio cable length: 120cm

Battery Specifications
- Battery type: Lithium-ion battery (870 mAh / 3.7 V)
- Charging time: 2 hrs from empty
- Music playtime with BT on and ANC off: Up to 80 hrs
- Music playtime with BT on and ANC on: Up to 50 hrs
- Talk time with ANC off: Up to 33 hrs
- Talk time with ANC on: Up to 28 hrs

What's in the Box

1 x JBL Live 780NC headphones
1 x USB Type-C to analog 3.5mm cable
1 x Carrying pouch
1 x Warranty/Warning
1 x QSG

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