



ATH-M50xBT2

Wireless Over-Ear Headphones

Overview

When we brought the legendary ATH-M50x studio sound into the world of personal wireless audio, we created what are, simply, the best-sounding wireless headphones on the market. But we weren't content to stop there.

Introducing the ATH-M50xBT2, the second generation of our critically acclaimed M-Series wireless over-ear headphones, featuring a number of enhancements to improve performance and usability. But don't worry – we've changed nothing about the critically acclaimed sonic signature. The M50xBT2 delivers the same exhilarating wireless listening experience as its predecessor, offering exceptional clarity and deep, accurate bass response. There's even the option to adjust the headphone's EQ settings, if you so choose – make the changes in the A-T Connect app and save directly to the headphones.

In addition, we have greatly improved vocal pickup, incorporating beamforming microphone technology for clearer phone calls and communication with the built-in Amazon Alexa voice assistant. We've also added multipoint pairing to let you connect wirelessly to two devices at once. An updated USB-C connection, a low latency mode, and compatibility with high-quality audio codecs round out the enhancements.



Features

About Sound Quality

Exclusive 45 mm drivers deliver legendary M50x studio sound.

Proprietary 45 mm large-aperture drivers and dedicated amplifier deliver exceptional clarity throughout an extended frequency range, with deep, accurate bass response.

Low latency mode reduces delay to keep audio and video in sync.

Low latency mode improves synchronicity between audio and video for smooth streaming and gaming.

Premium audio-grade components deliver pure, natural sound.

The M50xBT2 is equipped with the finest audio components, including an AK4331 advanced audio DAC and dedicated internal headphone amp, to provide clear, high-fidelity sound.

Compatible with high-quality AAC and LDAC codecs.

In addition to SBC, the ATH-M50xBT2 is compatible with the AAC and LDAC premium wireless audio codecs.

About Communication

Dual mics and beamforming technology ensure crystal-clear call quality.

Improved vocal pickup is achieved through the incorporation of beamforming microphone technology, resulting in clearer phone calls and communication with the built-in Amazon Alexa voice assistant.

Sidetone circuitry.

The sidetone circuitry of the M50xBT2 allows you to hear your voice in the headphones when making calls on most smartphones, making it easier to carry on phone and video conversations.

Convenient mute control.

You no longer have to hunt around for a mute option while on calls. The M50xBT2 microphone can be muted with a simple press of a button.



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About Utility

Multipoint pairing

Multipoint pairing function allows you to stay connected to two Bluetooth® devices at once.

Easy operation

Control volume/mute, music, and calls, and access voice assistant (Amazon Alexa Built-in, Google Assistant, Siri) with the convenient buttons built into the left earcup.

Google Fast Pair

Fast Pair enables you to quickly pair the M50xBT2 headphones with an Android smartphone or other device. A single tap on your phone and you're good to go!

Wired connection

Includes 1.2 m (3.9") cable for optional wired connection.

About Long battery and Rapid Charge

Up to 50 hours of use on a full charge

Enjoy up to 50 hours of continuous use on a full charge and up to 3 hours of use on a 10-minute rapid charge via USB-C connection.

About App

More control with the latest A-T Connect app

Use the A-T Connect app to activate low latency mode, adjust EQ (and save settings to headphones), change L/R volume balance, select desired voice assistant, locate misplaced headphones, change codecs, and more.

Product Features

- Wireless, on-the-go design delivers the same critically acclaimed sonic performance as the original ATH-M50x professional studio headphones
- Proprietary 45 mm large-aperture drivers and dedicated amplifier deliver exceptional clarity throughout an extended frequency range, with deep, accurate bass response
- Low latency mode improves synchronicity between audio and video for smooth streaming and gaming
- Premium audio-grade components, including an AK4331 advanced audio DAC and dedicated internal headphone amp, deliver pure, natural sound
- Dual mics and beamforming technology ensure crystal-clear call quality
- Sidetone circuitry improves conversations by letting you hear your voice in the headphones when making calls on most smartphones
- Microphone can be muted with a simple press of a button
- Multipoint pairing function allows you to stay connected to two Bluetooth® devices at once
- Buttons built into the earcup provide easy control of volume/mute, music, and calls, and give you access to voice assistant (Amazon Alexa Built-in, Google Assistant, Siri)
- Google Fast Pair lets you quickly pair headphones with an Android smartphone or other device
- A-T Connect app gives you additional control: activate low latency mode, adjust and save EQ to the headphones, change L/R volume balance, select desired voice assistant, locate misplaced headphones, change codecs, and more
- Up to 50 hours of continuous use on a full charge and up to 3 hours of use on a 10-minute rapid charge (via USB-C connection)
- Compatible with high-quality LDAC and AAC codecs
- Over-ear design for excellent sound isolation in loud environments
- Professional-grade earpad and headband material for long-lasting durability and comfort
- Includes 1.2 m (3.9") cable for optional wired connection

Specifications

Headphones

Type	Closed-back dynamic
Driver Diameter	45 mm
Sensitivity	99dB/mW
Frequency Response	15 - 28,000 Hz
Impedance	38 ohms

Microphone

Type	MEMS type
Polar Pattern	Omnidirectional
Sensitivity	-38 dB (1 V/Pa, at 1kHz)
Frequency Response	85 to 15,000 Hz

Bluetooth®

Bluetooth® Version	Bluetooth® Ver.5.0
RF output	5.1mW EIRP
Operating Range	Line of sight – approx. 10 m (33')
Frequency Band	2.402 GHz to 2.480 GHz
Modulation Method	FHSS
Compatible Bluetooth® profiles	A2DP, AVRCP, HFP, HSP
Support Codec	LDAC / AAC, SBC
Supported Content Protection Method	SCMS-T
Transmission band	20 - 40,000 Hz / 20 - 20,000 Hz

Others

Battery	DC 3.7V lithium polymer battery
Charging Time	Approx. 3.5 hours*
Battery Life	Play back time: Max. approx.50 hours*
Weight	Approx. 307 g
Operating Temperature	5 - 40 °C

Accessories Included	USB charging cable (30 cm, USB Type-A / USB Type-C)
	Audio cable 1.2 m / 3.5 mm stereo mini-plug
	Pouch
Replacement Parts	Ear pad, Audio cable

*Depending on operating conditions



RRP: £179.99/199€ (inc. VAT)

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