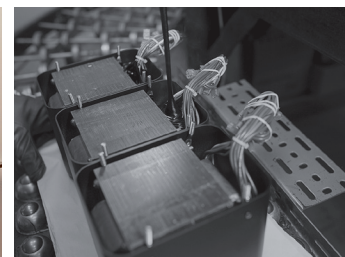


# MHA50 portable decoding amplifier

- Listen to your music with McIntosh sound quality no matter where you go. Your headphones will thank you.
- The handheld MHA50 Portable Decoding Amplifier can make your music sound its best – and likely better than you’ve ever heard it before – through your headphones.
- Includes wired inputs for Apple® iOS and Android OTG<sup>1</sup> devices plus Mac® and Windows® computers; it can also wirelessly connect to these devices via Bluetooth® with aptX™ technology that ensures you receive the highest possible sound quality from your source device.
- Supports 32-bit/192kHz hi-res audio, DSD64, DSD128, DSD256, DXD352.8, DXD384 files and asynchronous USB audio via its high-performance 32-bit digital-to-analog converter (DAC).
- Touch sensitive volume control knob inspired by the classic knobs found on countless McIntosh products.
- Headphone Crossfeed Director (HXD®) brings added dimension to your music in a natural sounding way.
- Drives headphones with impedances ranging from 8-600 ohms.
- Up to 6 hours of playback on a single charge (when connected to source device via Bluetooth); playback can last even longer when using the wired connections.

1) Devices must be compatible with USB On-The-Go technology in order to use a wired connection to the MHA50.



McIntosh Sound Quality No Matter Where You Go

McIntosh®

LEGENDARY PERFORMANCE™

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## Headphone Power Output:

200mW

## Headphone Output Impedance:

8-600 Ohms

## Total Harmonic Distortion:

0.005%

## Inputs:

1 USB Type A

1 USB micro B

Bluetooth 4.1 A2DP with aptX

## Outputs:

1 headphone (3.5mm)

## Digital-to-Analog Convertor (DAC):

High performance 32-bit; supports 32-bit/192kHz hi-res audio, DSD64, DSD128, DSD256, DXD352.8, DXD384 files and asynchronous USB audio

## Compatible iPhone & iPad Models:

iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5, iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad mini 2, iPad mini

## Included in the box:

1 leather carrying case

1 Lightning to USB-A cable

1 USB micro-B to USB-A cable

1 USB micro-B to USB micro-B cable

1 wall mount charger with USA plug and adapter for Europe and Japan



## Overall Dimensions (W x H x D):

2.7" (7cm) x 6.1" (15.5cm) x 0.6" (1.4cm)

## Weight:

0.5 lbs (0.2 kg)

## For the Consumer's Protection:

In order to ensure the highest level of customer satisfaction, new McIntosh products may only be purchased from an Authorized McIntosh Dealer; and, with certain limited exceptions may only be purchased over-the-counter or delivered and installed by the Authorized McIntosh Dealer. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized McIntosh Dealer, or that have had their serial numbers altered or defaced.

## Companion Products

The MHP1000 Headphones are logical companions for the MHA50 Portable Decoding Amplifier. Your Authorized Dealer can provide additional information on other McIntosh product combinations.

To learn more, please call us at 1.800.538.6576.

Made for

iPhone iPad

"Made for iPhone" and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPhone or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone or iPad may affect wireless performance. iPhone and iPad are trademarks of Apple Inc., registered in the U.S. and other countries. Individual users are permitted to use iPhone and iPad for private copy and playback of non-copyrighted contents and contents whose copy and playback is permitted by law. Copyright infringement is prohibited by law.

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