

Bluetooth® Hi-Fi Sports Headphone

i-PHONO



Cordless and collapsible, stylish and versatile, the i-PHONO BT420 Bluetooth® Hi-Fi Sports Headphone certainly satisfies those users who are fastidious about modern style and fashion with its sporty and sleek design.

BLUETAKE has produced the i-PHONO BT420 Bluetooth® Hi-Fi Sports Headphone which is both simple and convenient to use. Making use of the Bluetooth® Advanced Audio Distribution Profile (A2DP), it allows you to enjoy wireless stereo music that is being played on a Bluetooth® A2DP enabled walkman, MP3 / MD / CD player, Pocket PC, Tablet PC etc.

Whilst you exercising and enjoying your favorite music with the i-PHONO BT420 Bluetooth® Hi-Fi Sports Headphone, the headphone's ergonomic design and the Bluetooth® wireless technology will make you feel comfortable and free, with no cable to bother you or get in the way. The foldable, behind-the-neck, headband allows you to reduce the whole size of headphone for carrying or storage. Additionally, the changeable color plates enable you to look both stylish and out of the ordinary.

Besides the wireless stereo audio application, the i-PHONO BT420 Bluetooth® Hi-Fi Sports Headphone can be used for mobile hands-free communication with any mobile phone which supports either the Bluetooth® Headset or Hands-free profiles. Whilst enjoying music, you can receive or make a phone calls easily through the built-in foldable microphone and the embedded innovative "auto switching" technology. Once you have an incoming or outgoing phone call, you can hear the ring tone from the headphone, so you won't miss any phone calls even if you are steeped in your music with the headphones.

General Radio

Carrier Frequency 2.4 ~ 2.483GHz

Data Rate 1 Mbps

Spread Spectrum

FHSS (Frequency Hopping Spread Spectrum)

Modulation Method

GFSK (Gaussian Frequency Shift Keying)

Radio Coverage

Bluetooth Class 2, up to 5~10 meters (in open space).

(The maximum operating range depends on the paired phone model, battery power, and environmental factors.)

Bluetooth Profile Supported

A2DP (Advanced Audio Distribution Profile), HSP (Headset Profile),

HFP (Hands-Free Profile), SPP (Serial Port Profile)

Multi-Pairing

Max. 5 different Bluetooth enabled devices

Antenna

Ceramic Antenna

Sensitivity

< 0.1% BER at -80 dBm

RF Output Power

-6dBm to 4dBm

Audio Format

SBC

Power Consumption

Tx Typical: 65mA ; Rx Typical: 45mA

Input Power

5V / 200mA / AC adapter

Battery

3.7V / 600mA / Li-Polymer / Embedded and Rechargeable

Listening Time / Talking Time

6 hours / 8 hours

(The maximum operating time depends on the usage frequency and environmental factors. A long distance wireless connection and use with a mobile phone will increase the power consumption.)

Environment

Operating Temperature: -10°C ~ +55°C

Dimensions

Folded: 100mm x 88mm x 77mm

Unfolded: 150mm x 140mm x 75mm

Max. extended ear-to-ear distance: 180mm

Weight

98g (battery included)

LED Indicators

Blue: Power on mode / Red: Low power or being charged /

Blue & Red: Pairing mode / Green: Fully charged

Advantage Functions

Wireless stereo audio application:

- Advanced audio distribution with Bluetooth® wireless technology
- Enjoy cordless stereo music
- DSP noise reduction
- Compliant with various audio devices using the BLUETAKE i-PHONO BT420 Bluetooth® Hi-Fi Audio Dongle

Mobile hands-free communication:

- Receive and make phone calls whilst listening to music
- Pick up and Hang up phone calls with one-button press
- Voice dialing function supported
- Chat via the online messenger

Exquisite industrial design and friendly user interface:

- Instant and easy one-button pairing operation
- Collapsible behind-the-neck headband design for carrying and storage
- Built-in foldable microphone for mobile communication
- Changeable color plates for personal style



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