

Bluetooth® Stereo Headphone



Neck-Back

**i-PHONO
PLUS**



Designed for the sports style, the i-PHONO PLUS Bluetooth® Stereo Headphone (P/N: BT420Rx) certainly satisfies those users who are fastidious about ergonomic considerations with its sporty and sleek design. The foldable neck-back band of the i-PHONO PLUS headphone makes the headphones very comfortable to wear, and it allows you to reduce the whole unit size for carrying or storage.

With Bluetooth® wireless technology, the i-PHONO PLUS headphone gives you the convenient wireless way to enjoy the streaming stereo music transmitted from the Bluetooth A2DP*1. Source device such as a MP3 player, PC or PDA in the available range. Moreover, you can use the i-PHONO PLUS headphone to remote control the music played by the Bluetooth device which supports AVRCP*2 in addition.

Switching between music and phone calls, the i-PHONO PLUS headphone also allows you answer or make calls with the Bluetooth-enabled mobile phone*3 while you are listening to music. After you ended the call, the music will follow to be streamed quickly*4. Besides the wireless stereo and mobile hands-free applications, you can apply the i-PHONO PLUS headphone to the Bluetooth-enabled PC*5 with the Internet messenger program such as Skype™, MSN® Messenger or Yahoo!® Messenger. Thanks to the built-in retractable microphone, of the i-PHONO PLUS headphone, you can enjoy true hands-free freedom and talk with clear voice transmission.

*1- The playback or its plug-in Bluetooth adapter/transmitter needs to support Bluetooth A2DP (Advanced Audio Distribution Profile).

*2- The playback or its plug-in Bluetooth adapter/transmitter needs to support Bluetooth AVRCP (Audio Video Remote Control Profile).
The remote control functions of the i-PHONO PLUS headphone cannot be used with the i-PHONO mini transmitter (P/N:BT450Tx)

UNIT

Dimensions:

Folded: 100 x 88 x 77 mm (3.94 x 3.46 x 3.03 in.)

Extended: 150 x 140 x 75 mm (5.91 x 5.51 x 2.95 in.)
(Neck-back Band Included)

Weight: 98 g (3.46 oz.) (Battery Included)

Built-in Speaker: Ø 30 mm (1.18 in.) (Diameter)

SOUND

Frequency Response: 20 Hz – 20 KHz

Sample Rate: 48 KHz, 16 Bit

SPL (Sound Pressure Level): 100 dB @ 1 KHz

THD (Total Harmonic Distortion): 0.1 %

SNR (Signal to Noise Ratio): 80 dB

BLUETOOTH

Specification: Bluetooth v1.2 compliant

Bluetooth Profile Supported:

- A2DP (Advanced Audio Distribution Profile)
- AVRCP (Audio Video Remote Control Profile)
- HSP (Headset Profile)
- HFP (Hands-free Profile)

Fixed PIN Code: 0000 (a sequence of four zeros)

Connection Switching: Between 1 Player and 1 Phone

(The playback must be installed a BLUETAKE BT430Tx Bluetooth Stereo Dongle or the A2DP/AVRCP compatible Bluetooth USB Adapter.)

Audio Codec: SBC

RADIO

Carrier Frequency: 2.4 - 2.484 GHz

Spread Spectrum: FHSS (Frequency Hopping Spread Spectrum)

Modulation Method: GFSK (Gaussian Frequency Shift Keying)

Radio Coverage:

Class 2, up to 5–10 m (15–30 ft.) in open field

(The actual range depends on the paired Bluetooth device, battery power, and environmental factors: orientation of devices relative to each other, obstructions, enclosures, radio frequency noise, and interference.)

Antenna: Chip Antenna

Sensitivity: ≤0.1% BER @ -80 dBm

RF Output Power: -6 dBm to 4 dBm

Power

Power Consumption: 240 mW

Power Input: 5 V / 250 mA

(Use only the original USB power cable included in the BT420Rx-L Light Pack or the Y-splitter power cable with the AC power adapter included in the BT420Rx-C Combo Pack to charge the headphone.)

Built-in Battery: 3.7 V / 550 mAh / Li-Polymer / Rechargeable

OPERATION

Operating Time: approx. 7 hours

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

Operating Temperature: -10°C ~ +60°C (+14°F ~ +140°F)

Storage Temperature: -20°C ~ +70°C (-4°F ~ +158°F)

*3- The mobile phone needs to support Bluetooth HSP (Headset Profile) or HFP (Hands-free Profile).

*4- Some mobile phones do not release the Bluetooth connection automatically will cause the headphone to fail to switch connection.

*5- The computer or its plug-in Bluetooth adapter needs to support Bluetooth HSP (Headset Profile).