

Bluetooth® Stereo Dongle



The i-PHONO PLUS Bluetooth® Stereo Dongle (P/N: BT430Tx) enables your music player such as a CD player, MP3 player, mini Hi-Fi system, handheld game console, portable media player, computer, etc. to transmit wirelessly the quality stereo music to the i-PHONO PLUS Bluetooth Stereo Headphone (P/N: BT420Rx) or the i-PHONO mini Bluetooth Stereo Headphone (P/N: BT450Rx).

No driver installation is needed; effortlessly, you only need to pair the i-PHONO PLUS stereo dongle with the compatible Bluetooth headphone, and then connect the stereo plug of the i-PHONO PLUS stereo dongle to the 3.5mm (1/8 in.) stereo out jack of the music player.

UNIT

Dimensions: 51x52x15 mm (Stereo Plug Excluded)
Weight: 36 g (Battery Included)
Built-in Stereo Plug: Ø 3.5 mm (1/8 in) (Diameter)

SOUND

Frequency Response: 20 Hz – 20 KHz
Sample Rate: 48 KHz, 16 Bit
Input Impedance: 30 KΩ @ 0 dB gain
Line-level Input: 1 Vrms @ 0 dBFS (Full Scale)

BLUETOOTH

Specification: Bluetooth v1.2 compliant
Bluetooth Profile Supported:
• A2DP (Advanced Audio Distribution Profile)
Fixed PIN Code: 0000 (a sequence of four zeros)
Connection: Point-to-Point
Audio Codec: SBC

RADIO

Carrier Frequency: 2.4 - 2.483 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: Embedded Patch Antenna
Sensitivity: < 0.1% BER @ -80 dBm
RF Output Power: -6 to 4 dBm

Power

Power Consumption: 190 mW
Power Input: 5 V / 200 mA
(Use only the original the USB power cable included in the retail box to charge the dongle.)
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 will increase the power consumption.)
Operating Temperature: -10°C ~ +60°C
Storage Temperature: -20°C ~ +70°C

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