

News_Bluetooth Solution



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LevelOne's Bluetooth Solution

LevelOne is proud to release its Bluetooth solution including Bluetooth headset and Bluetooth USB dongle adapter both of which feature the latest cutting-edge technology. With its compact and portable design, this package eliminates the need for extra cables and physical connections between headset and adapter.

Our Bluetooth solution provides personal wireless connections within a range of 10m/ 33feet to deliver an integrated voice communications solution while also providing mobility. The stylish BLH-1000 Bluetooth headset is long on talk and standby time. With its compact size design, you can wear it while enjoying high sound quality giving you the freedom to move around and talk naturally

Our Bluetooth solution also ensures the security and privacy of communications. Installation is as simple as plugging the USB adapter into the USB port-enabled device thus preparing your headset for pairing. You can search for it with your software, and enjoy the mobility and flexibility of Bluetooth communications.



BLH-1000



MDU-0001

Applications

Application 1

LevelOne's Bluetooth solution is able to cooperate with P2P (peer-to-peer) applications such as Skype and MSN that offer worldwide voice communications. The innovative P2P technology connects you with other PC or Pocket PC users using the free and simple software that will enable you to make free calls anywhere in the world in minutes. You can participate in free conference calling through Bluetooth communications and also perform other tasks that require you to step away from your computer momentarily.





Application 2

LevelOne's BLH-1000 is a Bluetooth headset developed with the latest Bluetooth technology, which can connect to other Bluetooth devices such as mobile phone, desktop or notebook computer, PDA wirelessly within a range of 10 m/33 feet. The stylish BLH-1000 is long on talk and standby time. With the compact size design, you can wear it to talk in high sound quality and give you the freedom to move around and talk naturally.

Application 3

LevelOne's MDU-0001 Bluetooth USB Adapter offers the capability for short-distance wireless connections between your computer and Bluetooth enabled devices such as PDA, Cellular Phone, and Computer. With the compact and portable design, eliminating the extra cables need and physical connections between network devices. The Bluetooth USB Adapter transmission ensures the security and privacy of data transfers. Installation is as simple as plug the USB Adapter into the USB port and enjoys the mobility and flexibility of Bluetooth connection



Technical Specification

BLH-1000

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| <ul style="list-style-type: none"> ▪ Standard:
Bluetooth v1.1 Handset/ Handsfree Profile ▪ Frequency Band
2.400GHz~2.483GHz unlicensed ISM band ▪ Spread Spectrum
FHSS (Frequency Hopping Spread Spectrum) ▪ Modulation Method
GFSK (Gaussian Frequency Shift Keying) ▪ RF Output Power
Class II, 0dBm ▪ Antenna
PCB antenna; 1dBi Gain ▪ Working Distance
Max. 10m/33 feet in open space ▪ Talking Time
Up to 6 hours ▪ Standby time
Up to 100 hours | <ul style="list-style-type: none"> ▪ Sensitivity
-70dBm 0.1%< BER ▪ Audio Codec
15 bits resolution, S/N > 60dB ▪ Security
128 bits encryption ▪ Power Consumption
30mA, Tx and Rx respectively ▪ LED Indicator
Blue/Red LEDs ▪ Control
Call/Pairing/Volume/Power ▪ Dimension
55mm(L) x 25mm(W) x 24mm(H) ▪ Weight
12 g ▪ Certification
FCC, CE, BQB |
|---|---|

MDU-0001

<ul style="list-style-type: none">▪ Host Interface USB ver 2.0▪ Power Input DC5V/150mA▪ Power Consumption Standby mode: 30mA Transmission mode: 120mA▪ Data Transfer Rate 1Mbps (Max)▪ Antenna Integrated Printed Type▪ Frequency Range 2.402 GHz ~ 2.480 GHz	<ul style="list-style-type: none">▪ Channel Spacing 1MHz▪ Power Class Class 2▪ Tx Power 0 dBm▪ Rx Sensitivity 0.1% BER/Pin: -88dBm▪ Antenna Load 50 Ohm▪ Operating System Windows™ 95/98SE, ME and Windows™ 2000, XP▪ Certification FCC
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Ordering Information

Bluetooth Solution

- BLH-1000: Bluetooth Headset
- MDU-0001: Bluetooth USB Adapter