

2.4GHz Wireless Booster (500mW)

LevelOne's WBO-0500 is designed to improve wireless signal strength/quality and increase signal coverage for an existing 802.11b/g 2.4GHz wireless local network. Whether your application needs require extending wireless signal an extra distance, LevelOne's WBO-1000 is the ideal solution for covering large areas in multiple wireless applications.

The WBO-0500 can boost power output to 500mW. With our unique powerful booster, you can enlarge the range and power output of a wireless network for specific applications where you need to cover an extra area.

You can install the booster to a wireless AP or wireless adapter as simple as removing the original antenna from these wireless products to booster, connecting the signal booster to the wireless products using the included connector cable, and powering on the signal booster. There is no software required for further configuration.



WBO-0500

Related Products



WNC-0300

108Mbps Wireless PCI Adpater



WAP-0003

108Mbps Wireless AP

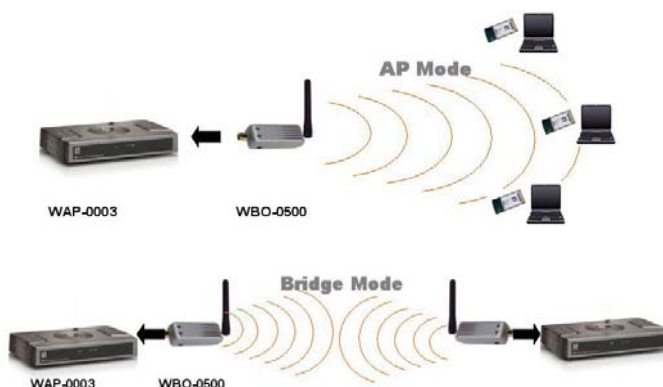
Key Features

- Works with IEEE 802.11b/g wireless LAN devices
- Stronger output power improves the link quality and coverage distance of WLAN devices significantly
- Low power consumption
- Tx Power Auto gain adjustment
- Compact size and light weight
- Tx/ Rx LEDs indication

Technical Specification

- **Standard**
IEEE 802.11b
IEEE 802.11g
- **Frequency Range**
2.4GHz ~ 2.5GHz
- **Operating Mode**
Bi-Directional TDD
- **Signal Type**
DSSS/FHSS
- **Transmit Gain**
Up to 12dB
- **TXOutput Power**
Min: 0± 2dBm
Max: +20dBm
- **Receiver Gain**
12-16dB, 15dB typical
- **RX input Power**
-10dBm(Max)
- **Noise Figure**
<3.0dB typical
- **Tx/Rx Switch Time**
<1uSec
- **Tx Power Protection**
Auto Gain Adjustment
- **LED Indication**
Transmit: Green
Receive: Red
- **RF Connector**
SMA-Male (RP)
SMA-Female (RP)
- **Power Consumption**
Tx: 600mA @6DVC
Rx: 800mA@6DVC
- **Temperature**
Operating: -20° ~+50° C
- **Dimensions (mm)**
82(L) x 22(W) x 20(H)
- **Weight**
35g

Product Diagram



WBO-0500 enlarge the range and power output of a wireless network

Ordering Information

- WBO-0500: 2.4GHz Wireless Booster (500mW)