



Indoor 11n WiFi Signal Booster (500mW)



WBO-2500

H/W Version: 1

Looking for a boost?

The new series of WiFi signal boosters give you a huge increase in distance when building a wireless network. Whether you're looking to deploy in AP mode, giving basic wireless connectivity to devices on the network, or if you want to deploy a long distance wireless bridge between 2 buildings, these boosters provide the extra power needed to maximize your wireless network.

Great indoor reach

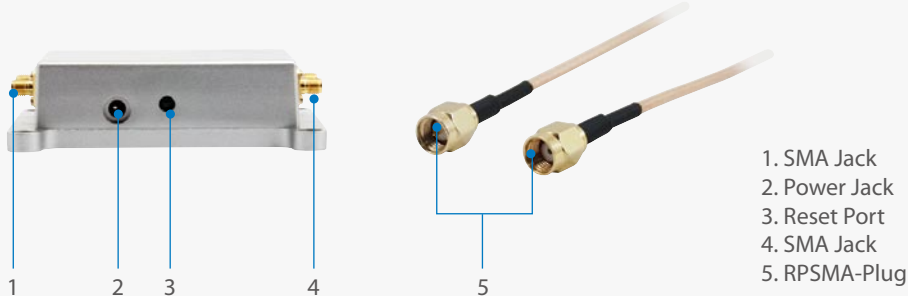
WBO-2500 provides a power boost of 500mW. When combined with high-gain antennas, you can amplify the signal of a common wireless access point to create strong wireless signals that can cover a large indoor

network. Great for shopping malls or airports that require extended distances. No need to add several access points when WiFi boosters from LevelOne can get the job done cost-effectively.

802.11n

WBO-2500 is made to work with 11n networks and comes with dual-antenna support. As more networks are being deployed using 11n devices, this is a simple and cost-effective addition to improve the performance of 11n network.

Note: The output power of these products may conflict with the wireless communication regulations in your country. Please check in advance before purchasing.



Key Features

- Complies with IEEE 802.11n, 802.11g, and 802.11b wireless LAN devices
- Stronger output power increases your wireless coverage and throughput
- Use with detachable 2.4GHz antenna equipments
- Signal activity LED
- Easy to install, just plug in and play

Works Well With



WBR-6001

N_Max Wireless Broadband Router



WBR-6600

N_Max Wireless ADSL2+ Modem Router



Technical Specification

Standard

IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

Frequency Range

2.4GHz ~ 2.5GHz

Operating Mode

2 Channel, Bi-directional, half-duplex, time division duplex

Transmit Gain

Up to 12dB

TX Output Power

Max: 500mW

Input Trigger Power

10 ~ 15dBm

Optimal Input Power

13 ~ 15dBm

Receiver Gain

≤12dBm

Adapter Output Power Consumption

9V, 2.0A

Noise Figure

3.5dB typical

Frequency Response

± 1dB over operating range

Connector Type

SMA receptacle (50 ohm)

Operating Temp

-20 to +70°C

Operating Humidity

Up to 95% relative humidity

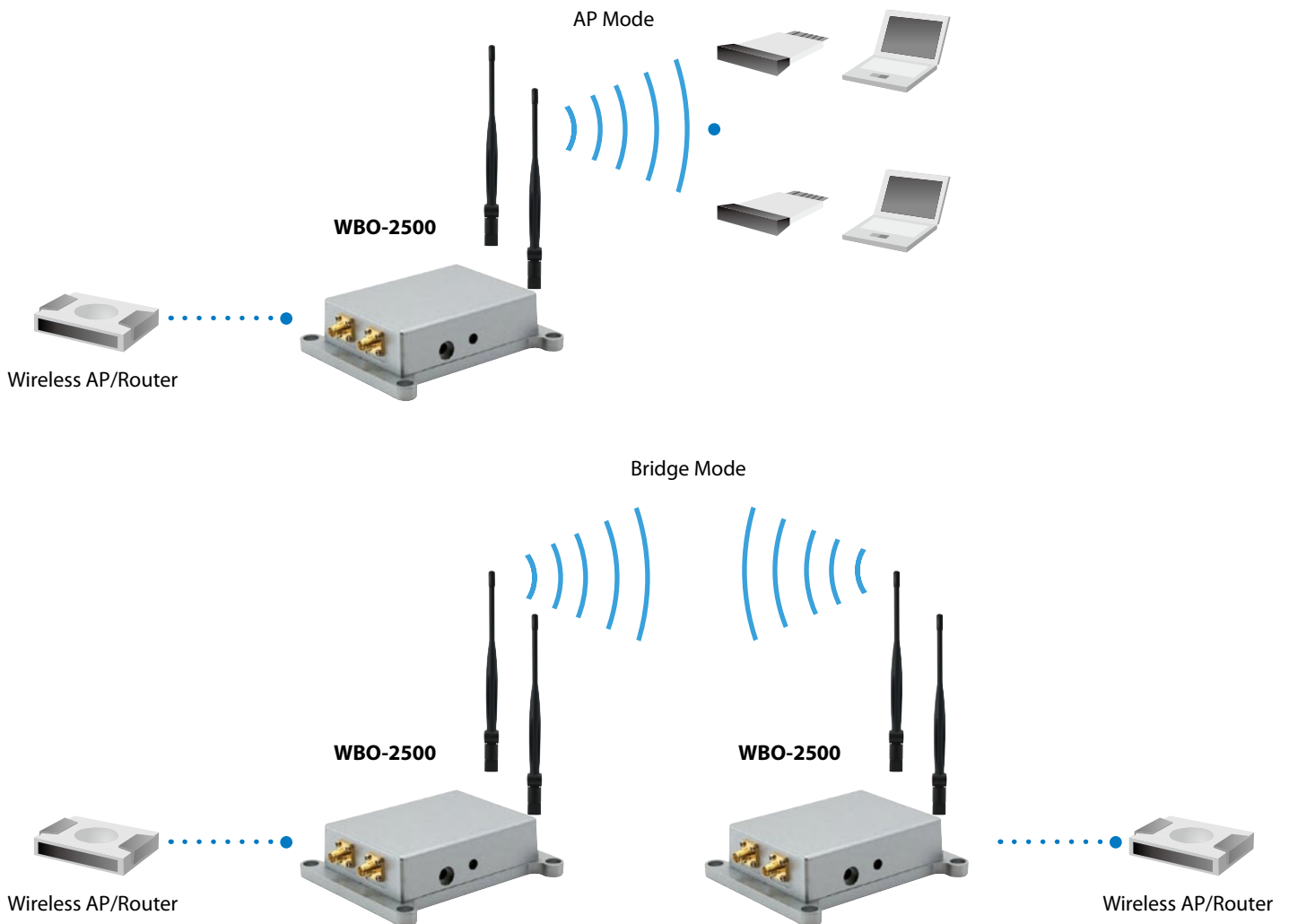
Material

Cast Aluminum

Dimensions (cm)

10.7 (L) x 5.8 (W) x 2.9 (H)

Product Diagram



Order Information

WBO-2500: Indoor 11n WiFi Signal Booster (500mW)

Package Contents

WBO-2500

30cm RP SMA female to male Cable x 2

Power Adapter

Quick Installation Guide