



BA24j - 2.4GHz Wi-Fi Signal Booster

Product Overview

The BA24j Wi-Fi Signal Booster is a highly efficient and compact unit designed to increase the performance and range of any 2.4 GHz wireless device. This includes Bluetooth, P2P, P2MP, 802.11b, 802.11b+, 802.11g, and 802.11b+g access points and wireless routers.

The BA24j extends signal range, and in certain conditions, can double the range of these wireless devices. This eliminates the use of an additional radio with its associated data line, power outlet, signal interference, and setup headaches. The BA24j from Renasis is the fast and easy way to extend your signal range in any environment.

The BA24 comes complete with the Booster unit, dipole antenna and 6.0V@1A power supply.

Ideal Solution For:

- **WIRELESS HOTSPOTS**
- **WIRELESS LOCAL AREA NETWORKS**
- **BRIDGE LINK BETWEEN NETWORKS**

Features & Benefits

- Works with Access Points & Routers*
- Increases Signal Distance
- Increases Throughput
- Quick & Easy Installation
- Immediate Results
- No Programming Required
- Power Supply Included

Applications

- WLAN 802.11b & 802.11b+
- WLAN 802.11g & 802.11b+g
- DSSS on the ISM Band
- Bluetooth

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Specifications - BA24j Signal Booster Module

Model Number	BA24j
Frequency Band	2.4 ~ 2.5 GHz
Signal Type	DSSS
TR Switch Time	< 1μsec
Weight	20 g
Size - L*W*H	155mm * 21.6mm * 18.88mm
RF Connector Type	90° RP-SMA & 90° RP-TNC
Tx Linear output Power	500 mW / +27 dBm max.
Diagnosis LED	Pwr@Green, Tx@Red, Rx@Amber
DC Supply Voltage	6.0V, 1A
Operating Temperature	-0 ~ +40 °C

Absolute Maximum Ratings

Supply Voltage	6.0V
Rx Input power	-10 dBm
Tx Input power	+20 dBm
Operating Temperature	-0 ~ +50 °C
Storage Temperature	-40 ~ +90 °C

Simple, 4-Step Installation

STEP #1

Disconnect the DC Power Supply from the wireless device.

STEP #2

Connect the assembled BA24j to the wireless device.

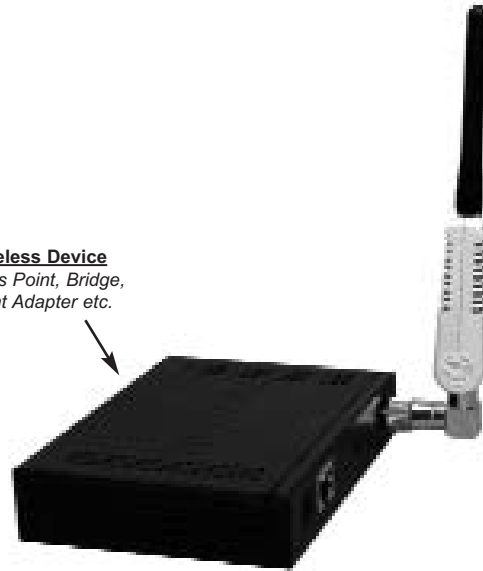
STEP #3

Reconnect the DC Power Supply to the wireless device.

STEP #4

Connect the BA24j DC Power Supply to the BA24j

Wireless Device
Access Point, Bridge,
Client Adapter etc.



* NOTE: Antenna on wireless device must be detachable. Please indicate connector type when ordering.

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