

Quick Start Guide

Step 1

Attach the antenna by screwing it onto the SMA connector. Slide the lower cover off BAD BOY Zone exposing the ethernet connector. Plug in an ethernet cable that has Power-over-Ethernet (PoE) included, either through direct connection or a Power Injector. Verify that the Power LED illuminates. See Fig 1.

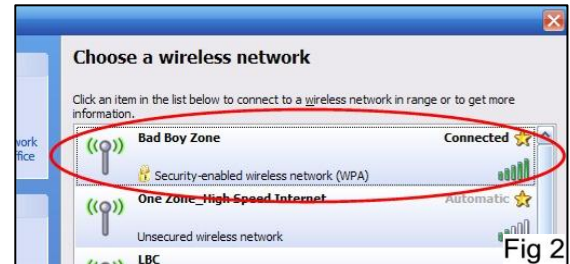


Step 2

Attach BAD BOY Zone to your internet source. This could be a router or modem. Your internet source should be set to assign an IP address via DHCP. Observe that the LAN LED illuminates. See Fig 1.

Step 3

Ensuring that the laptop's Wi-Fi device is enabled, select the 'Bad Boy Zone' hotspot access point and connect using WPA and enter the default Preshared Key 'password' (without the quotes). You should now be connected. See Fig 2. Verify that a connection exists by observing the signal strength LEDs illuminating on Zone. See Fig 1.



Step 4

Verify operation by accessing several websites. Your BAD BOY Zone is now operational.



Congratulations, you are now connected. Continue with the following steps to change the default hotspot name and security settings to something unique for your setup.

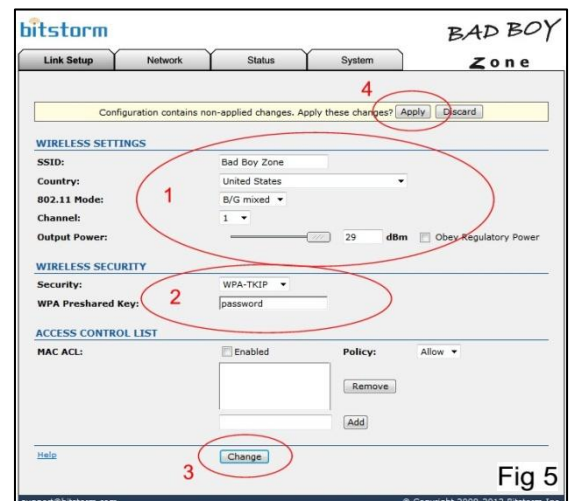
Step 5

Open a browser and enter 'zone.wifi' or 'badboy.zone' in the address bar and press Enter. You do not need to include the 'http://' at the start. Alternatively, you can enter 'http://192.168.200.1'. See Fig 3. Create a bookmark for future access. When the login screen appears, enter the default **User Name: 'badboy'** and **Password: 'badboy'** (without the quotes). See Fig 4. These can be changed to something else once logged in.



Step 6

Select the Link Setup tab. In the SSID field, enter a new name for your hotspot (i.e. 'My High Power Zone'). For channel selection use 1, 6 or 11. While included, channel interference and bandwidth overlapping prevents the efficient use of all other channels. Select a security type (i.e. WPA) and a password (i.e. 'inthezone'). Click the 'Change' button to save and the 'Apply' to activate the new settings. See Fig 5. **Note:** The current connection to the Bad Boy Zone will be lost due to the new settings that were just activated.



Step 7

Connect to your new hotspot (i.e. 'My High Power Zone') by selecting it and entering your new security credentials (i.e. 'inthezone'). You should now be connected again. Verify correct operation by accessing several websites.

Quick Start Guide

Advanced Settings

Changes can be made to the addresses that BAD BOY Zone uses and issues to wireless clients. The device comes preset for accepting IP via DHCP on the LAN connection and Router mode with wireless client DHCP.

LAN (Ethernet) Settings

Both Bridge and Router modes require LAN IP address settings. The choices are to assign a Static IP address or to use a dynamically assigned IP address via DHCP. Zone comes preconfigured to use DHCP.

DHCP (preferred): Zone will be assigned an address by an upstream Ethernet connected device. Since this address will be unknown, a method is provided to allow access to Zone in the absence of a DHCP address assignment. This is done via the DHCP Fallback IP. This address entered will be set as the Zone's LAN IP address whenever a DHCP IP is not issued to it. Access to the settings can be gained by entering this value into a browser. If a DHCP IP address has been assigned, the DHCP Fallback IP is not available.

Static: A fixed IP address can be assigned to Zone. At a minimum, an IP address, Netmask, Gateway IP and Primary DNS IP must be entered. The LAN IP address can be used at anytime to gain access to Zone's settings by entering 'http://' plus the IP address into the address bar of a browser.

Bridge Mode

Bridge mode passes traffic through from LAN to wireless clients transparently. If using DHCP for the LAN connection, determining what address has been assigned to this device can be challenging. A simple solution is to assign a Static IP address. After make setting changes, click 'Change' to save and 'Apply' to activate. Refer to Fig 6.

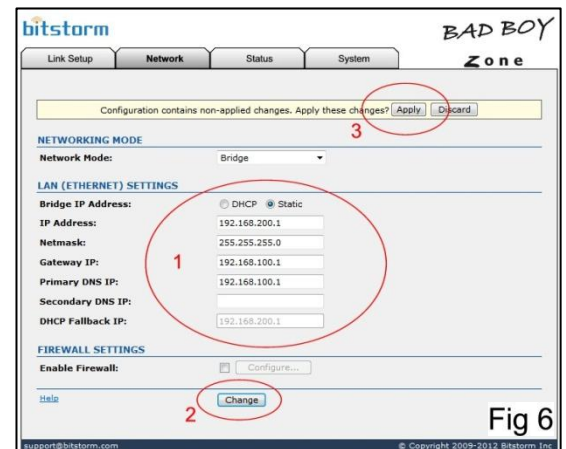


Fig 6

Router Mode (preferred)

Wireless Network Settings: This section is used to enter addresses that will be provided to wireless clients when connecting. Port forwarding is also available. Unlike Bridge mode, Zone will issue IP addresses to wireless client as they connect. Since Zone has an IP address assigned, connecting to make setting changes can be performed by browser access to that address (i.e. zone.wifi or http://192.168.200.1) via a wireless client connection. Refer to Fig 7.

Congratulations, you have now completed setup.

For more information on this BAD BOY's operation and features, please refer to the BAD BOY Zone User Guide at www.bitstorm.com under Support.

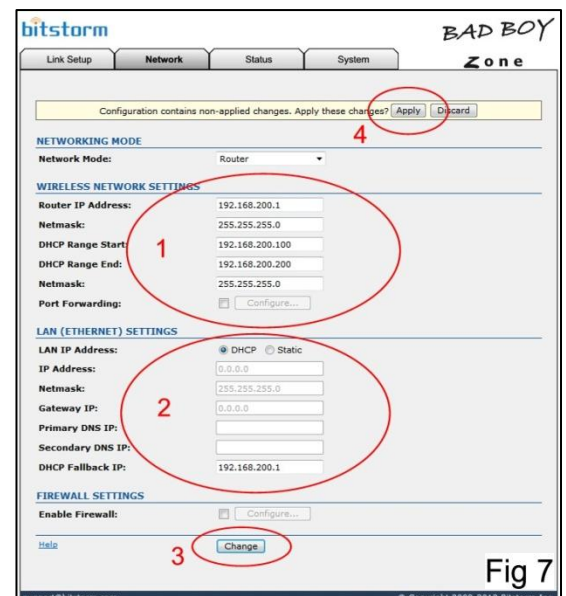


Fig 7