NetNearU
RAP-1

Wireless Made Easy

Revision 1.0

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party: NetNearU
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Quick Start Guide

Your wireless/remote access points will include the following hardware. Make sure you have everything you need before proceeding.

1. RAP1 device itself
2. AC to 5 Volt DC switching mode power supply
3. RJ45 Ethernet cable

Figure 1

1. Gently rotate the antennas such that they are pointing upward and form a "V" shape.

2. Connect the supplied power supply to the wall, and the power port to the unit itself. (Figure 1 #3)

3. Connect one end of the supplied network cable to the Internet connection device or port, and the other to the 10BaseT WAN port on the wireless device. (Figure 1 #1)

   **NOTE: DHCP service must be running on the network in order for the unit to operate in default mode. If this device is to be installed in a fixed IP address environment, please call NetNearU Customer Service at 888-412-8324 for configuration assistance.

4. Flip the power switch to the "on" position to start unit. The unit takes about 90 seconds to initialize before ready for usage. (Figure 1 #2)

Technical Specification

Processor: System on Chip Embedded Processor, Pentium Class running at 100MHz

Memory: 32MB of SDRAM as main memory, 16MB of Flash as system storage device

Wireless Standards: IEEE 802.11b

Frequency Band: 2.400GHz to 2.4835GHz (depending on local regulation)

Transmission Method: DSSS (Direct Sequence Spread Spectrum)

Data Rate: 11Mbps, 5.5Mbps, 2Mbps, 1Mbps

Modulation: 11Mbps and 5.5Mbps CCK; 2Mbps: DQPSK; 1Mbps: DBPSK

Output Power: TYP. +14dBm

Operating Range: 100 feet to 300 feet indoor

WAN Port Input: 10-Base-T Ethernet (IEEE 802.3), with DHCP or Fixed IP Addressing

LAN Output: (Future Option) to connect additional Wireless Access Point.

Operating Temperature: 0 to 45 degrees Celsius, 0-90% Relative Humidity, Non-Condensing

Unit Weight: 2.3 lbs (with 5V DC power adaptor)

Power Requirement: UL approved 5V DC power source as provided, 120V AC Input

Due to continuous improvement, specification is subject to change without notice.