

MWA-505 Wireless 802.11a/b/g 5 Port Dual Band Access Point

The **MWA-505** wireless access point comes with 5 Ethernet ports and high-speed wireless connection to link all types of networking device together.



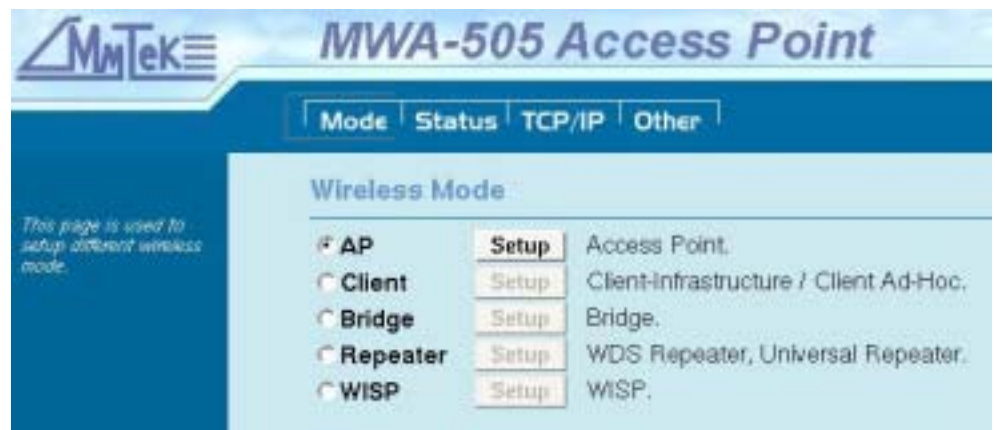
To ensure the highest level security, the **MWA-505** provides 64/128 bit WEP, WPA, WPA2 encryption, IEEE 802.1x and MAC Address Filter to prevent unauthorized PCs from accessing your wireless network.

With a WEB-based management interface, setting up and maintaining your network is easy and can be done from any computer on the network.

Features

- Complies with IEEE 802.11a/b/g standard for 2.4GHz and 5GHz Wireless LAN
- Supports AP, AP Client, Bridge, Universal or WDS Repeater, WISP mode (wireless WAN port)
- Static, DHCP Client, PPPoE, PPTP, L2TP connections in WISP mode
- Supports 64-bit and 128 bit WEP, WPA, WPA2, 802.1x and 802.11i
- NAT (Network Address Translation)
- MAC Address Clone

- Dual Band Detachable Dipole Antenna (RP-SMA 2dBi)
- Adjustable ACK timeout
- Adjustable TX Power Level
- Input/Output Bandwidth Control for Ethernet ports
- Coverage Area: Indoor up to 100m, outdoor up to 300m
- Transmit Power: 11a OFDM 11-13dBm; 11g OFDM 13-15dBm; 11b CCK 16-18dBm
- Receiver Sensibility: -65dBm at 54Mbps, 10 % PER; -80dBm at 11Mbps, 8 % PER
- Power Requirement: 12 V 800mA
- FCC, CE Certification



Technical Specification

Standard	IEEE 802.11a/b/g standards compliant
Data Transfer Rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Frequency Band	2.412GHz – 2.483GHz ISM Band, 5.15-5.35GHz, 5.725-5.825GHz
Channels	802.11b/g: 14 channels 802.11a: 19 channels
RF Output Power	802.11b CCK: 16-18dBm 802.11g OFDM: 13-15dBm 802.11a OFDM: 11-13dBm
Receiver Sensitivity	-65dBm at 54Mbps, 10% PER -80dBm at 11Mbps 8% PER
Operation Range	Indoor: up to 100m Outdoor: up to 300m (depend on surrounding)
Antenna	Dual Band Detachable Antenna (RP-SMA 2dBi)
LED	Power, 4x LAN, WLAN
Security	64 bit/ 128 bit WEP, WPA, WPA2
CPU	Realtek RTL8651B (Lexra 5280 32-bit RISC)
RF	Ralink RT2561 miniPCI
LAN interface	5 x 10/100BaseT with RJ45 connectors (LAN)
Power Consumption	12V 800mA Power Adapter
Operating Temperature	0 ~ 50°C ambient temperature
Storage Temperature	-20 ~ 70°C ambient temperature
Humidity	5 to 90 % maximum (non-condensing)
Dimension	158 x 107 x 26 mm
Warranty	1 year