

WX-5545

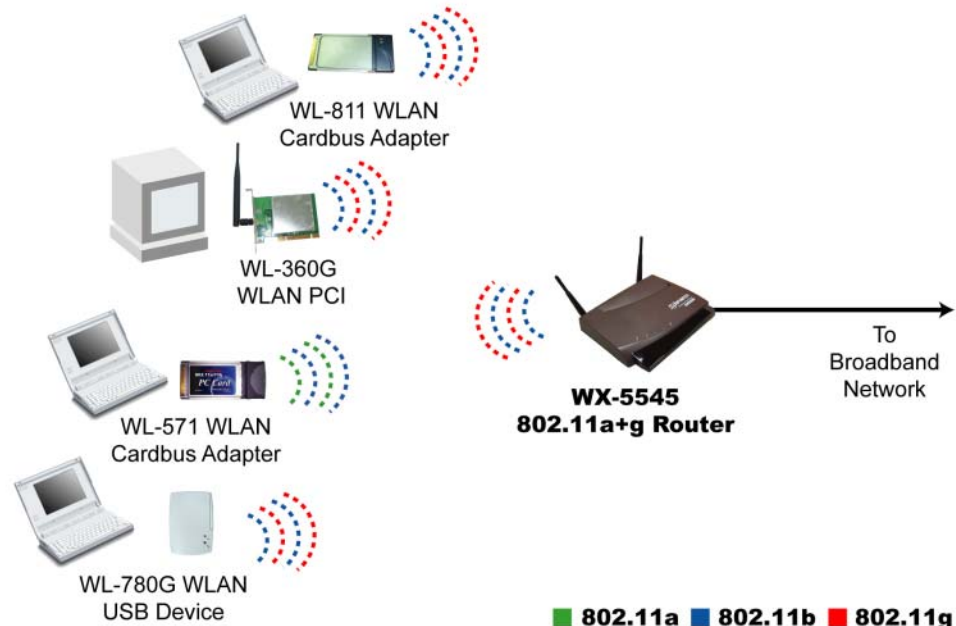
Dual-Band A+G Router



Dual-Band Wireless Router is a special design for local network users to share networking resource. It allows you either connecting to DSL/Cable modem to share the single account of Internet Access. With built-in NAT, this Router allows up to 253 users on the Ethernet LAN simultaneously, up to 16 users on the 802.11g Wireless LAN simultaneously and up to 16 users on the 802.11a Wireless LAN simultaneously.

- **Configurable through Setup Wizard**
- **Supports dynamic routing (RIP1/2) and static routing**
- **Supports Fixed IP, DHCP client, PPTP client or PPPoE to access remote server**

With a web-based UI (User Interface), the Dual-Band Wireless Router is easy to setup and maintain. All functions can be configured with this exclusive, easy and friendly User Interface via web browsers. The Dual-Band Wireless Router also has Setup Wizard which could be easily configured by users under Windows system step by step.



General Specifications

Product Name Dual Band A+G Router	Network Management Web-based U/I management Setup Wizard
Model Number WX-5545	Security 64/128-bit WEP (802.11b & g) 64/128/152-bit WEP (802.11a) MAC address filtering
Spreading OFDM	Standards IEEE 802.11a,b and g for Wireless LAN IEEE 802.3 for Wired LAN
Frequency Range 2.4GHz~2.4835GHz (<i>subject to local regulations</i>) 5.15GHz~5.35GHz	Network Protocol NetBEUI, TCP/IP, IPX
Number of Channels For 802.11a : 8 802.11b, 802.11g USA, Canada – 11 Most European Countries – 13 Japan – 14	Antenna 802.11a: 5.2 G => 4.0dBi 802.11g: 2.4 G => 1.3dBi
Data Rate 802.11a: 54, 48, 36,24,18,12, 9, 6 Mbps per channel 802.11b: 11Mbps, 5.5Mbps, 2Mbps and 1Mbps 802.11g: 54, 48, 36,24,18,12, 9, 6 Mbps per channel	LED Indicators Power; Diag LAN: Link/Act; Full/Col; 100 WLAN: 802.11a:Link/Act 802.11g:Link/Act
Transmit Power 802.11a: Max. 16dBm @ 16QAM R3/4 802.11g: Typ. 14dBm @ Normal Temp Range 802.11b: Typ: 16dBm @ Normal Temp Range	Ports 10/100 Mbps RJ-45 connector for wired LAN And Wan port
Receive Sensitivity 802.11a: Nominal Temp Range: - 6Mbps 10-5 BER @ -88dBm, typical - 9Mbps 10-5 BER @ -86dBm, typical - 12Mbps 10-5 BER @ -85dBm, typical - 18Mbps 10-5 BER @ -83dBm, typical - 24Mbps 10-5 BER @ -80dBm, typical - 36Mbps 10-5 BER @ -76dBm, typical - 48Mbps 10-5 BER @ -71dBm, typical - 54Mbps 10-5 BER @ -67dBm, typical 802.11g: @8% PER <= -80 dBm @ 11Mbps <= -66 dBm Typical, -65dBm Minimum @ 54Mbps	Temperature Range 0~40°C(operating), -20~70°C (storing)
	Humidity Operating Humidity: 10% to 85% Non-Condensing Storage Humidity: 5% to 90% Non-Condensing
	Power Adapter Input: AC85~132V, 0.35A Output DC 5V , 2.5A