

## 54Mbps Wireless-G Broadband Router

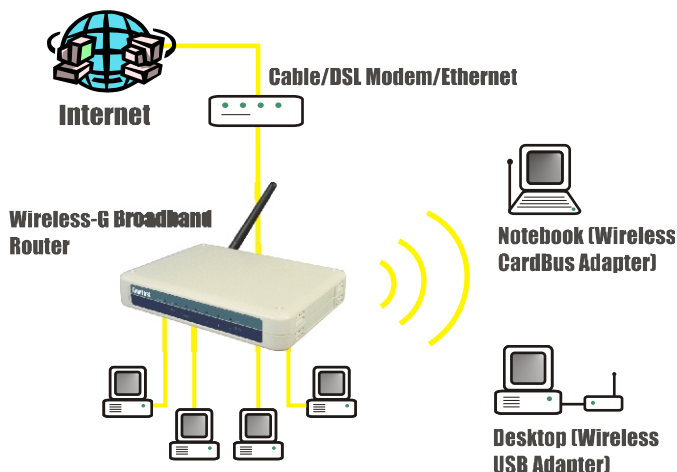
GigaFast's WF718-APR is an IEEE802.11g compliant 54Mbps Wireless-G Broadband Router used to share broadband internet connections to Ethernet and Wireless computers. The Wireless-G Broadband Router has a built-in Internet Firewall to protect your network from being hacked by outside intruders. It brings high-speed Internet Access to all the computers on your network and is also protected by 64/128-bit WEP (Wired Equivalent Privacy) encryption, preventing anyone outside of your network from accessing information on it. Operating in the 2.4GHz frequency range using OFDM (IEEE802.11g), the GigaFast Wireless-G Broadband Router is able to provide transparent bridging and roaming capabilities to any other wireless connections. The WF718-APR is complete with web-based administration, configuring requires nothing but a standard web browser. No additional software is required to operate the WF718-APR.



### Functions:



### Usage Diagram:



### Features:

- Web-based configuring
- Secure Firewall
- DHCP Server supported
- Supports 802.11b and 802.11g
- Packet Filter supported
- Support WPA-PSK and WPA
- Support VPN pass-through
- Virtual Server supported
- DMZ Host supported
- Auto-Sensing Ethernet Switch
- Dos Attack Detection supported
- URL Blocking supported
- UPNP (Universal Plug and Play) supported
- E-mail Alert supported

### Specifications:

<b>Standard</b>	IEEE802.11b, IEEE802.11g
<b>LAN Interface</b>	Four 10/100Mbps Auto-negotiation & Auto MDI/MDI-X RJ-45 Switch Port
<b>WAN Interface</b>	One 10/100Mbps Auto-negotiation & Auto MDI/MDI-X RJ-45 Switch Port
<b>Channels</b>	1-11 (US, Canada) 1-13 (Europe)
<b>Transmitted Power</b>	Max. 17 dBm @ 11Mbps CCK Max. 12 dBm @ 54Mbps OFDM
<b>Receiver Sensitivity</b>	802.11b - 8% FER @ 11Mbps <= -91 dBm - 8% FER @ 11Mbps <= -83 dBm 802.11g - 10% PER @ 6Mbps <= -88 dBm - 10% PER @ 54Mbps <= -68dBm
<b>Data Rate</b>	802.11b - 11, 5.5, 2, 1Mbps 802.11g - 54, 48, 36, 24, 18, 12, 9, 6Mbps
<b>Security</b>	WPA-PSK and WPA 802.1x, SPI Mode, DoS Detection
<b>Network Protocol</b>	TCP/IP, NetBEUI
<b>Cabling Type</b>	Cat. 5 Ethernet Cabling or better
<b>Antenna</b>	One dipole antenna
<b>Power Adapter</b>	12V DC 1A
<b>Environment</b>	Operating Temp : 0°C to 40°C Storage Temp : -20°C to 70°C Humidity: 10% to 85% non-condensing
<b>Dimensions</b>	6.0 x 5.0 x 1.2 inches
<b>Warranty</b>	3-years Limited & Free Technical Support (US Only)