BELKIN®

Dual-Band Wireless A+G Networking

Available January 2005

((A+G)) **108** Mbps x2
Wireless
108Mbps for each network

Dual-Band Wireless A+G Router
(F6D3230-4)

Dual-Band Wireless A+G Notebook Network Card
(F6D3010)

Dual-Band Wireless A+G Desktop Network Card
(F6D3000)

Dual-Band Wireless A+G USB Network Adapter*
(F6D3050)

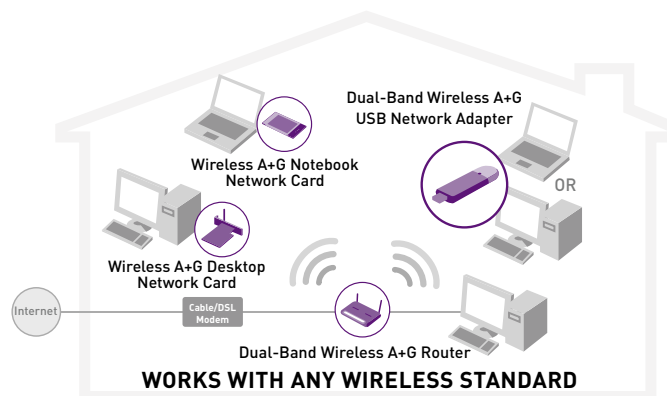## Share your broadband Internet Connection

The Belkin A+G suite of products provides simultaneous dual-band access to the 2.4GHz and 5GHz frequencies. This gives your network the versatility to support any wireless-enabled computer. The use of the 5GHz band enables reliable wireless connection** on the uncrowded frequency. You can maintain fast connection speeds to view photos, listen to music, and watch videos on the 5GHz band without interference from devices using the 2.4GHz band such as microwaves, cordless phones, and 802.11b/g networks.

Advanced eXtended Range XR™ Technology allows a Belkin A+G network to expand to twice the range of standard 802.11a and 802.11g products. With breakthrough XR and 802.11a technology, Belkin A+G products provide more stable and reliable network connections in dense wireless environments.

Belkin Dual-Band A+G products support advanced wireless security settings for the home and small office offering Wi-Fi® Protected Access (WPA), and WEP encryption. Belkin also makes setup simple with Easy Installation Wizards. Just follow the easy steps and have your network up and running in minutes.

Benefits of Belkin Dual-Band A+G

• Offers reliable network connection—free from wireless interference
• Provides compatibility with all 3 wireless networking standards—802.11a/b/g
• Provides high-bandwidth and smooth wireless connection for streaming photos, music, and video to any room in your home or office
• Supports advanced wireless security for the home and small office
• Sets up easily with Belkin Easy Installation Wizards

Dual-Band Wireless A+G USB Network Adapter

Wireless A+G Notebook Network Card

OR

Wireless A+G Desktop Network Card

Internet — Cable/DSL Modem

Dual-Band Wireless A+G Router

WORKS WITH ANY WIRELESS STANDARD

*Dual-Band Wireless A+G USB Network Adapter F6D3050 Available March 2005

**802.11 A+G card on each laptop and desktop computer required for transmission on 5GHz band on the network

Lifetime Warranty

Free 24/7 Tech Support
1-877-736-5771
Networking Questions? Call Now!

Compatible with all wireless standards
802.11 a/b/g

Easy Install Wizard
Sets up in 3 minutes

Wi-Fi® CERTIFIED abg

Network Security
with built-in Firewall

**Check out other
networking solutions
from Belkin**

Wireless G USB Print Server
(F1UP0001)

Wireless G USB Network Adapter
(F5D7050)

Wireless G Ethernet Adapter
(F5D7330)

F6D3230-4 Dual-Band Wireless A+G Router
Version 1000

Network Interface
Ethernet Ports:
1 WAN (For connection to cable or DSL modem)
4 LAN (For connection to local clients) auto-uplinking

Router Specifications

IP Sharing Method:	NAT (Network Address Translation)
Firewall:	NAT (Network Address Translation)
	SPI (Stateful Packet Inspection)
Clients:	Up to 253 total
Wireless Clients:	Up to 25 total
DHCP Server:	Supported
User Interface:	HTTP (Web Browser)
Wired Networking Standards:	WAN: IEEE 802.3, IEEE 802.3u, 10/100Base-T
	LAN: IEEE 802.3, IEEE 802.3u, 10/100Base-T
Protocols Supported:	TCP/IP, UDP, CSMA/CD, DHCP, AppleTalk®, IPX/SPX, NetBEUI
ISP Protocols Supported:	Static
	Dynamic
	PPPoE
	PPTP
VPN Support:	PPTP/IPSec Pass-Through (Single)
Power Supply:	Input: 100-240V ~ 0.4A, 50-60Hz
	Output: 5V ~ 2.8A

Radio Specifications

Wireless Standard:	802.11a/802.11b/802.11g
Radio Technology:	DSSS (Direct Sequence Spread Spectrum)
Security:	WPA with TKIP & AES, 64-bit WEP, 128-bit Encryption, 802.1x
Network Standards:	IEEE 802.3, IEEE 802.3u, 10/100Base-T
Media Access Protocol:	CSMA/CA (Collision Avoidance) with ACK
Frequency Band:	802.11b/g: ISM Band, 2.400–2.4835GHz
	802.11a: U-NII Band, 5.15–5.85GHz
Antenna Type:	Dual dipole antenna
Output Power:	+13 dBm (20mW) to +17 dBm (50mW)
Modulation Type:	QPSK, DBPSK, DQPSK, CCK & OFDM
RF Channels:	11 Channels (US)
Data Rates Supported:	802.11b: 1, 2, 5.5 & 11Mbps
	802.11g: 6, 9, 12, 18, 24, 36, 48 & 54Mbps

Max. Operating Range (Feet/Meters)

Outdoors	Max. 1500 ft. (457m)
Indoors	Max. 300 ft. (91m)

LED Indicators	Power, WLAN a, WLAN b/g, Connected, LAN 1, LAN 2, LAN 3, LAN 4
Operating System Support	N/A
Operating System Support for Easy Install Software	Windows® 98SE, Me, 2000, XP

Environmental Specifications	Temperature	Humidity
Operating:	32–131 degrees F (0-55 degrees C)	Max. 95% (non-condensing)
Storage:	-13–158 degrees F (-25–70 degrees C)	Max. 95% (non-condensing)

Regulatory	FCC, CE, ICES, C-Tick
Warranty	Lifetime
Technical Support	Free, 24 hours a day, 7 days per week
Package Contents	Dual-Band Wireless A+G Router
	Power Supply
	User Manual
	Parental Control Manual
	Quick Installation Guide
	RJ45 Networking Cable
	Installation Software CD

BELKIN

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