

BRL-04AX 4Ports Broadband Router



► Feature

The BRL-04AX provides a vertical stand for holding the unit in upright position.

The BRL-04AX achieves a high-speed WAN to LAN throughput that approaches 100Mbps.

The product supports UPnP (Universal Plug and Play) and Dynamic DNS, URL Filtering, VPN Pass Through.

■ High-speed throughput

A throughput of about 70Mbps(FTP) has been achieved in the following measurement environment

*The throughput above is based on the values measured at our testing environment.

■ Internet Sharing Among Multiple PC's

Its on-board NAT/IP Masquerading (NAPT) feature converts a single global IP address into multiple local IP addresses, enabling concurrent access to the Internet from multiple computers.

■ Supports DHCP Functions

Since the BRL-04AX supports DHCP Server/Client features, it automatically 1)obtains an IP address from a DHCP server on the WAN side and 2)assigns a separate IP to a client attached to itself. The BRL-04AX also supports manual IP assignment/configuration.

■ VPN Packet Pass-Through

The product can pass through packets that are encoded between LAN and WAN via a VPN gateway device. The BRL-04AX supports three VPN protocols (PPTP) and it enables the construction of a router-based VPN network.

■ Supports network games, enables the establishment of servers on the net

Its Local Server (port forwarding) function as well as Virtual Computer (DMZ Host) function which provides static IP masquerading allow the user to play NAT noncompliant network games. The two functions also enable the user to set up globally accessible servers

■ Supports Dynamic DNS services

The BRL-04AX supports Dynamic DNS Network Services provided by LLC. Simply enter the user name, password and domain name registered at dyndns.org to this product, and it will automatically update the registered information by itself.

■ Packet Filtering with various parameters

The access control parameters can be configured, and the LAN users' connection to the Internet (WAN side) can be fully

controlled.

■ URL Filtering Function

A part of character sequence contained in URL or URL can be assigned, and access to the corresponding site can be restricted.

■ On-board 4-port Switch automatically detects the two cable types

An internal 4-port 10/100BASE Auto-Negotiation Switch provides connection to network devices on the LAN side. Since its Auto-MDI/MDX function automatically detects the straight and crossover cable types, the user can connect up to four PCs directly to the switch without worrying about the cable type differences.

■ Display in both upright or flatbed position

Its compact body with dimensions of 90(W) x 134(H) x 29(D)mm takes any little space.

Furthermore it provides a vertical stand for holding the unit in upright position.

■ Configuration via a WEB browser

The BRL-04AX is easily configurable through a web browser. The setting screen is protected by a password ensuring the full security.

Note: ISP's may place limitations on the use of routers like this product or on access to the Internet from multiple users. Please be sure to verify the service agreement provided by your ISP.

*bRoadLanner series products are not dial-up routers.

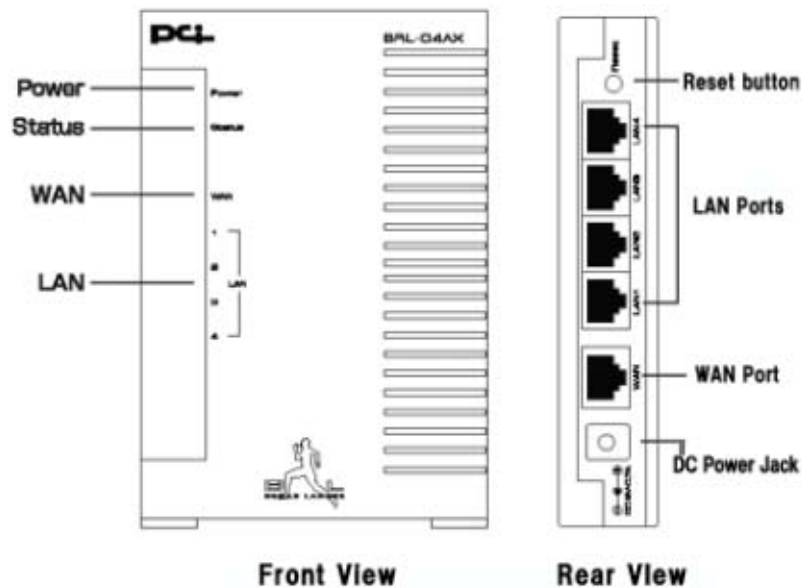
► Specification

Model Number		BRL-04AX
Standards Conformance		LAN:IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX,IEEE802.3x Flow Control WAN:IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX,IEEE802.3x Flow Control
Data Transfer Speed		10/100Mbps (Auto-Negotiation)
Network Port Configuration	WAN Port	10/100BASE-TX Auto-Negotiation Port x 1 (RJ-45 connector) *AutoMDI/MDI Supported
	LAN Port	10/100BASE-TX Auto-Negotiation Port x 4 (RJ-45 connectors) *AutoMDI/MDI support on all ports
Supported WAN Lines		ADSL/CATV/FTTH/leased lines, etc.
Supported Network Cables		10BASE-T Category 3 (or greater) twisted-pair cable

	(100m) 100BASE-TX Category 5 (or greater) twisted-pair cable (100m)
Supported Protocol	IP
Address Translation	NAPT. NAT/IP masquerading .
DHCP Server	Supports up to 253 addresses (LAN ports only, can be disabled)
DHCP Client	Acquires an IP address from ISP (WAN port only)
PPPoE	Supports 1 session Monitoring/Automatic Connection, Keep Alive, Monitoring/Automatic Disconnection
Routing Protocols	Static Routing
Local Server	Forwards packets to a specific PC on the LAN per TCP/ UDP port
Virtual Computer (DMZ)	Forwards packets from WAN port to a specific PC on the LAN
Dynamic DNS	Support(DynDNS.org)
Packet Filtering	Direction OUT(LAN-to-WAN), MACAddress,IPAddress,TCP/UDP port number
URL Filtering	Support
VPN Pass Through	PPTP
Configuration Interface	Web browser
Upgrade	Upgrade Flash ROM (upgraded via a Web browser)
LED	POWER Status WAN LAN
Power Input	DC 9V, 700mA
Power Consumption	2.25W Max
Dimensions(W x H x D)	90(W) x 134(H) x 29(D)mm
Weight	160g
Operating Temperature	0 to 40 degrees Celsius
Operating Humidity	35 to 70%(non-condensing)
Supported OSes	-Windows 95/98/Me/2000/XP PC equipped with an LAN (RJ-45) port -Computer equipped with an LAN (RJ-45)

	port that runs a TCP/IP compliant OS (Mac OS , UNIX OSes, etc.)
Required Network Cables	The product supports the following Network Cables -Twisted-pair cable (Required quantity: the number of PCs attached to the product)
ADSL/Cable Modem	-External ADSL modem with an RJ-45(LAN) port -Exenal cable modem with an RJ-45(LAN) port
EMI	CE,FCC Class B,VCCI Class B
Warranty	1 Year
Package Contents	BRL-04AX,AC adapter (supplied with a short cord), UTPstraight LAN cable(1m),User's manual, Starter Guide

▶ **Product View**



▶ Connection Sample

 **BRL-04AX Network Layout Sample**
The BRL-04AX enable multiple computers to access Internet simultaneously

