



**Broadband Router with CATV/ADSL support
(with 4ports Switch)**
Roadrunner BRL-04A



► **Feature**

■ **The ARM chipsets improve throughput**

ARM (32bit) chipsets are used as the product's CPU for routing. As a result, the throughput has improved almost twofold (3.8Mbps) compared with its predecessor model "BRL-04".

■ **Internet sharing among multiple PCs**

Its NAT/IP masquerading (NAPT) feature enables simultaneous Internet sharing among multiple computers.

■ **Multi-NAT enables WAN-to-LAN access**

Its Multi-NAT function "couples" multiple global IP addresses assigned by your ISP to their corresponding local IP addresses on the LAN. Services requiring fixed global IP addresses are thus supported via Multi-NAT. (Up to eight global addresses can be acquired by the BRL-04A.)

■ **On-board 4 port Switch**

The BRL-04A is equipped with four 10/100BASE Auto-Negotiation switching ports. Up to four PCs or network devices can be directly attached to the internal "Switch".

■ **Supports PPPoE (Point to Point Protocol over Ethernet)**

In addition to ordinary Ethernet connection, the BRL-04A also supports Point to Point Protocol over Ethernet (PPPoE).

-ERequires no PPPoE software

Since the BRL-04A provides PPPoE client function by itself, there is no need to install a separate PPPoE program to each client PC.

-Enables Concurrent Internet Access from Multiple Clients

Its NAT/IP masquerading (NAPT) feature allows multiple computers to access the Internet simultaneously using just one PPPoE account.

-Automatic Connection/Disconnection

Its PPPoE Service On Demand feature and Idle Access Monitoring/ Automatic Disconnection feature allow its users to access the Internet as if they were using a leased line - BRL-04A users are no longer required to manually connect to or disconnect from the Internet.

■ **Provides a simple fire-wall feature**

As the IP address of the WAN port is shared among multiple computers, outsiders cannot learn the IP address of each client attached to the LAN ports of the BRL-04A. This feature makes any unauthorized access from the Internet extremely difficult, and it serves as a robust firewall to protect the internal LAN.

■ Supports Incoming (Internet-to-LAN) Access

Usually, access from the Internet (WAN) to the LAN is disabled as long as NAT/IP masquerading is in use. The Local Server function of the BRL-04A enables incoming access without compromising NAT/IP masquerading.

■ Serves as a Gateway to Internet Games

Its Local Server and DMZ functions allow multiple clients to play network games while they are connected to the Internet.

This feature also supports network games which do not support NAT.

* Some network games may not properly operate even when Local Server mode is enabled.

■ Supports DHCP

The BRL-04A is equipped with DHCP Server/Client feature. Hence it automatically 1) obtains an IP address from the DHCP server on the WAN side and 2) allocates an IP address to each client attached to its LAN port. Manual configuration of IP is also supported.

■ Web-based configuration

The internal parameters and operation settings of the BRL-04A can be easily configured via a WWW browser. The password-protected configuration screen prevents unauthorized access from outsiders, and it also supports configuration via telnet.

■ Upgradable Firmware

All system functions of the BRL-04A are stored in the on-board flash memory in the form of firmware (software). By downloading the latest firmware from our web site, you can always keep the functions of the bRoad Lanner up-to-date.

NOTE: Some ISP's place restrictions on the use of routers like BRL-04A and/or Internet sharing among multiple PC's. Please be sure to check the service contract with your ISP before purchasing this product.

***NOTE: This product is NOT a dial-up router.**

► Specification

Model Number	BRL-04A
Standards Compliance	LAN Side:IEEE802.3 10BASE-T 、IEEE802.3u 100BASE-TX WAN Side:IEEE802.3 10BASE-T
Data Transfer Rate	LAN Side: 10/100Mbps (Auto-Negotiation) WAN Side: 10Mbps
Ports	LAN Side: 10BASE-T/100BASE-TX RJ-45 Port x 4 WAN Side: 10BASE-T RJ-45 Port x 1
Supported WAN Lines	ADSL, SDSL, CATV, Leased Line
Supported Media	10BASE-T Category 3 (or greater) twisted-pair cable (100m max.) 100BASE-TX Category 5 (or greater) twisted-pair cable (100m max.)
Supported Protocol	TCP/IP
Address Translation	NAT/IP Masquerading (NAPT)
Multi NAT	Supports up to eight global IP addresses
DHCP Server	Supports up to 253 addresses (LAN ports only, can be disabled)
DHCP Client	Obtains an IP from an ISP (WAN port only, can be disabled)
PPPoE	Supports 1 session PPPoE, Service-on-Demand, Idle Connection Monitoring, Automatic Disconnection
Local Server	Forwards packets to a specific PC on the LAN per TCP/ UDP port
DMZ	Forwards packets on the WAN port to a specific host (PC) on one of the LAN ports
Filtering	MAC address/ IP address/ IP port filter (outgoing direction)
Configuration Interfaces	Web browser, telnet
Firmware Upgrade	Rewrites on-board flash ROM
LED	POWER ,STATUS ,WAN ,LAN
Power Input	DC 12V ,1A
Power Consumption	12W max.
Dimensions	224.4(W) x 34(H) x 144.6(D)mm
Weight (main body)	402g
Operating Temperatures	0 - 40 degrees Celsius

Operating Humidities	35 - 85%
Supported OSes	Windows 95/98/Me/NT/2000: requires a PC equipped with one Ethernet (RJ-45) port OSes supporting TCP/IP (ex. MacOS, UNIX OSes): requires a PC equipped with one Ethernet (RJ-45) port
Required Network Equipment	The following network devices are required: -LAN cables
Supported ADSL/Cable Modem	External ADSL modem with an RJ-45 (LAN) port External cable modem with an RJ-45 (LAN) port
EMI	FCC Class A ,CE Mark
Accessories	BRL-04A, AC Adapter, Straight-through LAN cable (1m) x 1, Short Cable x 1, User's Manual

▼ Product view

