



Broadband Router with CATV/ADSL support  
(with 4Ports Switch)  
**RoadRunner BRL-04**



▶ Feature

The BRL-04 comes standard with four 10/100BASE Auto-Negotiation ports, and it can directly connect to multiple PC's without using any hubs or switches.

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

PPPoE is a protocol defined in RFC2516 which is designed to enable PPP (Point to Point Protocol) on Ethernet. PPP is generally used to establish dial-up connections through modems and ISDN TAs. When establishing a connection, PPPoE assigns an IP to each client after authenticating the user with a unique user name as well as password.

■ **Allows Multiple PCs to Share a Single IP Address**

Ordinary CATV/ADSL Internet services allow access to only one PC per customer. With the BRL-04, you can share a single IP address with four or more PCs via its NAT/IP masquerade feature.\* Now, multiple users can access the Internet simultaneously through your CATV/ADSL account

■ **Serves as a Firewall**

Since the IP address on the WAN port is shared by multiple PCs, it is impossible for anyone outside to learn the IP address of any of the clients attached to the LAN port. Furthermore, protocols other than TCP/IP are blocked within the BRL-04 itself. This feature makes unauthorized access from the Internet extremely difficult, allowing the BRL-04 to function as a robust and reliable firewall.

■ **Allows Access from the Internet**

Normally, access from the Internet/WAN to the LAN side is disabled whenever NAT/IP Masquerading is in use. The BRL-04 removes this limitation by utilizing its Local Server as well as Virtual Computer features while leaving NAT/IP Masquerading fully functional.

■ **Routing Function**

The user can add new static routes to the on-board routing table.

■ **Plug & Play Installation**

Fully equipped with DHCP Server/Client functions, the BRL-04 automatically 1)obtains an IP address from the DHCP server on the WAN side and 2)assigns IP addresses to its clients attached to the LAN port (manual IP configuration is also supported). Simply attach a network cable to the BRL-04, and you are ready to access the Internet!

### ■ Web-Based Configuration

Each configuration task can be easily performed via an ordinary Web browser, and the password-protected configuration page always provides secured access to the BRL-04.

### ■ Upgradable Firmware

The firmware which contains core bRoad Lanner functions is stored in a rewritable flash memory. The user can always keep the BRL-04 up to date by simply downloading an upgrade program each time its latest version is released on our web site.

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

## ► Specification

<b>Model Name</b>		<b>BRL-04</b>
<b>Supported Standards</b>		IEEE802.3 10BASE- T ,IEEE802.3u 100BASE- TX
<b>Network Ports</b>	<b>WAN Side</b>	10BASE-T RJ-45 Port x 1
	<b>LAN Side</b>	10BASE-T/100BASE-TX RJ-45 Switch Port x 4
<b>Supported WAN Lines/Services</b>		CATV, ADSL, Leased Line services
<b>Address Translation</b>		NAT/IP Masquerading (253 units max.)
<b>DHCP Server Support</b>		Automatically assigns an IP address to each client attached to the LAN port
<b>DHCP Client Support</b>		Automatically obtains an IP address for the BRL-04 from the DHCP server on the WAN port side
<b>Supported Protocol</b>		IP
<b>Routing Protocol</b>		Static, RIP
<b>PPP over Ethernet (PPPoE)</b>		Supported
<b>System Requirements</b>		-PC equipped with an Ethernet (RJ-45) port and running Windows 95/98, Windows Me, Windows NT, Windows 2000 -Computer equipped with an Ethernet (RJ-45) port and running an OS with TCP/IP support (MacOS, UNIX OSes)
<b>Required Network Equipment</b>		The following network devices are required: -UTP or STP Twisted-Pair Cable for each client
<b>Supported xDSL/Cable</b>		-External xDSL modem with an RJ-45(LAN) Port

<b>Modems</b>	-External cable modem with an RJ-45(LAN) Port
<b>LED</b>	Power ,Status ,WAN Link ,LAN Link/Act
<b>Power Input</b>	DC 9V ,1000mA
<b>Power Consumption</b>	9W Max.
<b>Dimensions</b>	185(W) x 32(H) x 99(D)mm
<b>Weight</b>	250g (Excluding the AC adapter)
<b>Operating Temperatures</b>	0 - 40 degrees Celsius
<b>Operating Humidities</b>	35 - 85%
<b>EMI</b>	CE ,FCC Class A
<b>Package Contents</b>	BRL-04, AC Adapter, UTP Straight-Through Cable (1m) x 1, Short Cable x 1, Manual CD-ROM, Warranty Card

▼ Product view

