B-FOCuS™ Bridge 270PR

ADSL Bridge

USER MANUAL

Compact
& Simple
the ADSL Bridge
to the Internet

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Table of Contents

1. INTRODUCTION 1

1.1. SAFETY CONSIDERATIONS 1

1.1.1. Installation Environment 1

1.1.2. Maintenance 1

2. B-FOCUS BRIDGE 270PR PACKAGE CONTENTS 2

3. INSTALLATION PROCEDURE 3

4. LED INDICATORS 5

5. TROUBLESHOOTING 6

6. B-FOCUS BRIDGE 270PR SPECIFICATIONS 7

1. Introduction

With your purchase of the B-FOCuS Bridge 270PR ADSL modem from Inovia/ECI Telecom, you have joined the world of fast Internet. This powerful compact-sized modem will enable you to connect to an ADSL line and enjoy the benefits of a high-speed connection to the Internet.

The B-FOCuS Bridge 270PR ADSL modem is compatible with Windows, Macintosh, and Linux operating systems. The modem does not require installation of drivers. The B-FOCuS Bridge 270PR can be connected to a single computer (see Figure 3-1), or to several computers using an Ethernet hub (see Figure 3-2).

Note: Your computer must be equipped with an Ethernet card in order to connect the B-FOCuS Bridge 270PR modem to your computer.

1.1. Safety Considerations

1.1.1. Installation Environment

The B-FOCuS Bridge 270PR is designed for in-house desktop use only.

- Do not expose to direct sunlight.
- Do not expose to temperatures exceeding 40°C.
- Do not immerse in water, dampen, or install in wet conditions.

Please follow the instructions in order to install your modem correctly.

1.1.2. Maintenance

- Use a dry or damp cloth for cleaning.
- Do not use any commercial cleaning product.

2. B-FOCuS Bridge 270PR Package Contents

Please check that your package contains the following items:

Item	Equipment	Description	Quantity
1		B-FOCuS Bridge 270PR Modem	1
2		AC Power Adaptor	1
3		RJ45 cable for connecting your modem to the computer	1
4		RJ11 cable for connecting your modem to the ADSL line	1

3. Installation Procedure

1. Turn off your computer and all peripheral devices (printer, monitor, etc.).
2. Connect one end of the power cable to the connector on the back of the modem labeled “Power”, and plug the other end of the cable into a standard 220v power outlet.
3. Connect one end of the RJ11 telephone cable to the ADSL port on the back of the ADSL modem, and connect the other end to your ADSL port on the splitter.
4. Connect one end of the RJ45 Ethernet cable to the LAN port on the back of the ADSL modem, and the other end to your LAN port, on the back-side of your computer.

   Note: If using a hub for connection with multiple computers, connect one end of the Ethernet RJ45 cable to the LAN port on the modem and the other end to the hub. Then connect all the computers sharing the ADSL line to the hub. (See Figure 3-2.)

5. Power on your PC and the B-FOCuS Bridge 270PR modem.
6. After the modem is powered on, the Power LED will be on and the ADSL Sync will blink, indicating that the modem is trying to synchronize with the telephone exchange equipment. Once synchronization is complete, the ADSL Sync will remain on continuously (not blinking).

   The B-FOCuS Bridge 270PR installation is complete. The modem is ready for Internet use.

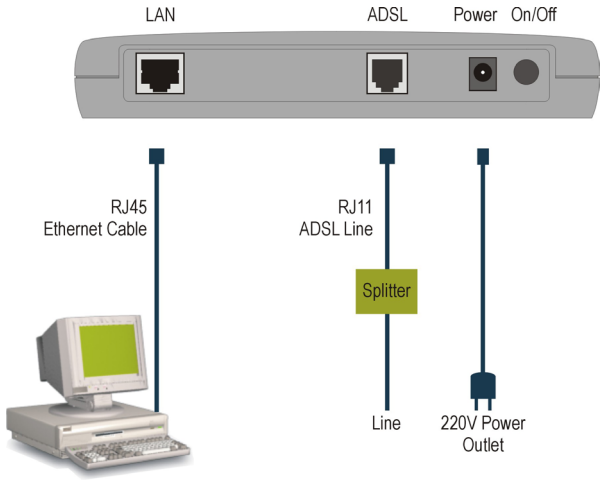

Figure 3-1. B-FOCuS Bridge 270PR Connected to a Single Computer

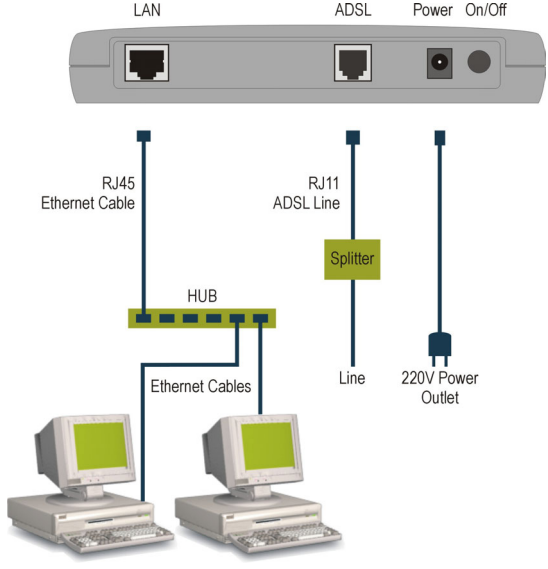

Figure 3-2. B-FOCuS Bridge 270PR Connected to Several Computers via a Hub

4. LED Indicators

LED	Condition	Status
Power	Off	Power is off.
	On	Power is on.
Alarm	Off	The modem is operating properly.
	On	The modem has a problem. Please call your service provider.
LAN 10 Link	Off	The modem's 10Base-T port is not connected to the computer.
	On	The modem's 10Base-T port is connected to the computer and operating properly.
	Blinking	Indicates data transfer between the computer and the modem, using a 10Base-T connection.
LAN 100 Link	Off	The modem's 100Base-T port is not connected to the computer.
	On	The modem's 100Base-T port is connected to the computer and operating properly.
	Blinking	Indicates data transfer between the computer and the modem using a 100Base-T connection.
Network Activity	Off	Data is not being transferred between the modem and the ADSL line.
	Blinking	Data transfer is occurring between the ADSL line and the modem.
ADSL Sync	Blinking	The modem is trying to synchronize with the telephone exchange equipment.
	On	The modem is synchronized and ready for operation.

5. Troubleshooting

Symptom	Possible Cause	Action
Power LED is off.	No power supply.	Check the power wiring connection. Insure there is AC power at the AC socket.
The ADSL Sync LED is blinking constantly.	The modem cannot synchronize with the Telephone provider's equipment.	Check the ADSL RJ11 cable connection between the modem and the ADSL line. Confirm that your splitter is connected properly to the Telephone port.
Alarm LED is on.	The modem has a problem.	Press the Reset button on the back of the modem. Wait a few seconds until the modem resets itself to the default values. If the Alarm LED is still lit, call for support.

6. B-FOCuS Bridge 270PR Specifications

Physical Interface

- Dimensions: 175mm x 152mm x 31mm
- One RJ-11 port for ADSL connection
- One RJ-45 port for 10 / 100 Base-T Ethernet LAN
- One Power Jack for AC power adapter
- Reset to default switch

Environment

- Ambient Temperature: -5°C to 45 °C
- Relative Humidity: 5% to 95%
- Transportation Temperature: -40 °C to 70 °C (packaged)
- Transportation Humidity: 95% (packaged)

Power

- 220V AC ±10%, 50 to 60Hz, 9V 800mA
- Power consumption ≤ 6W

Compliance

- FCC Part 15, Subpart B, Part 68
- UL 1950
- CE EN60950
- ITU-T K.21
- EN 55022 Class B, EN50082-1