| FCC Part 15 Notice |

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Class B limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is not guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separate between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's to operate the equipment.

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Windows is registered trademark of Microsoft Corp.

Corecess Inc.
997-4, Daechi-dong, Kangnam-ku, Seoul, Korea
TEL:82-2-3016-6900 FAX:82-2-3016-6622
http://www.corecess.com

Thank you for using the product of Corecess.
This manual helps users to install and configure
the Corecess SHDSL Modem Corecess 3311.

English

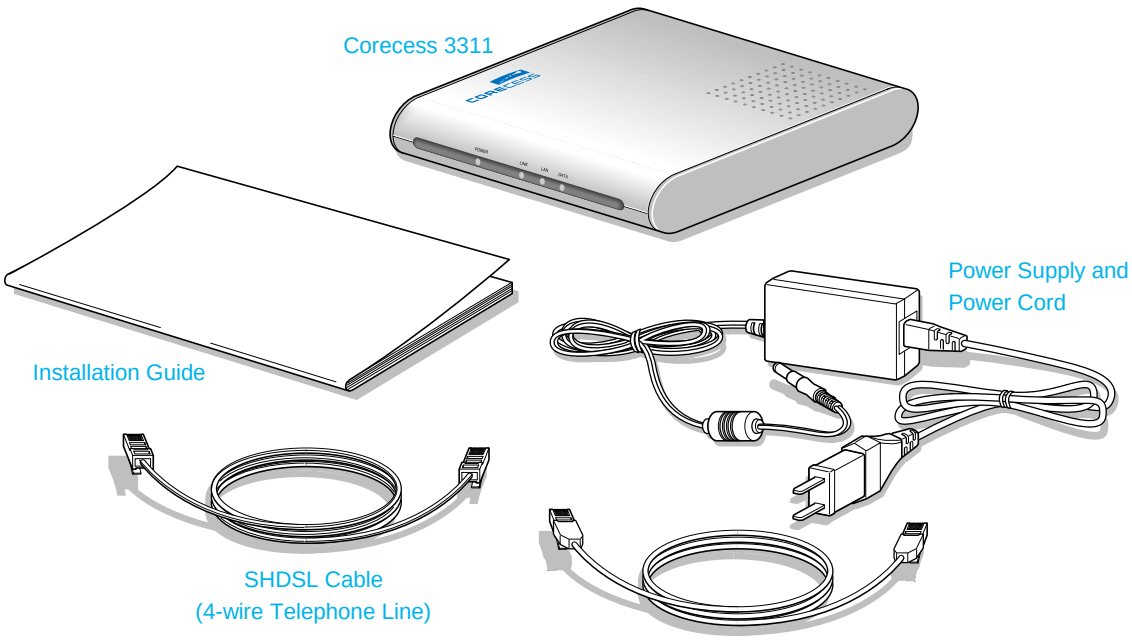
Table of Contents

Introduction

The Corecess 3311 is a Single-pair High-speed Digital Subscriber Line (SHDSL) modem used for home connectivity to an SHDSL service provider network. The Corecess 3311 modem supports speeds up to 2.3 Mbps for both upstream and downstream over ordinary telephone lines.

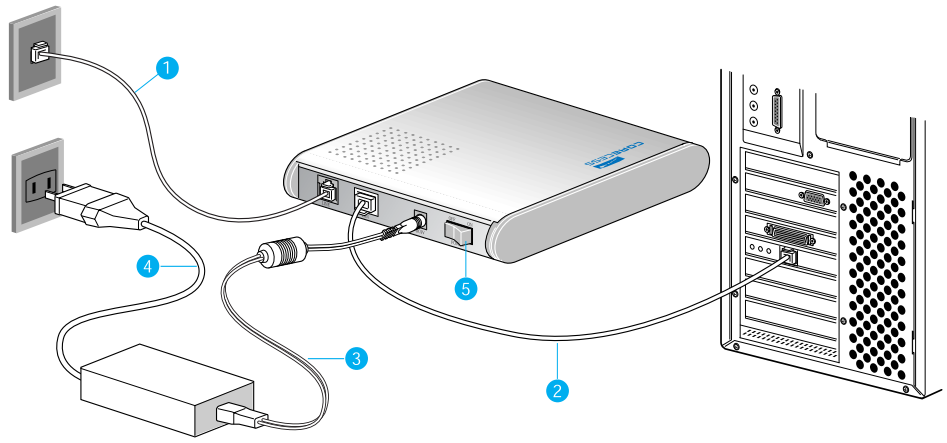
Unpacking the Box

Check the shipping carton carefully to ensure that the contents include the items you ordered.



Note: The PC with Ethernet port or adapter is neccssary to install the Corecess 3311. Before installing the Corecess 3311, prepare a PC with Ethernet port or adapter.

Installing the Corecess 3311



❶ Connect the provided SHDSL cable to the wall receptacle and connect the other end of the cable to the LINE port of the Corecess 3311.

❷ Connect the provided Ethernet cable to the LAN port of the Corecess 3311 and then connect the other end of the cable to Ethernet port on the NIC installed to your PC.

❸ Connect the provided power supply cable into the DC IN port of the Corecess 3311.

❹ Connect the provided power cord to the power supply and connect the other end of the cord to an appropriate electrical outlet.

❺ Turn on the Corecess 3311 with the power switch on the rear panel of the Corecess 3311.

❻ Power on your PC.

Caution: You should power on the Corecess 3311 before powering on your PC. If you power on your PC first, PC's IP address may not be properly assigned. In this case, assign new IP address referring to 'Troubleshooting' on page 9-10 or restart your PC.

LED Operation

When you have powered up the Corecess 3311, check the status of the four LEDs on the front panel by the following table:

LED	Color	Status	Description
POWER	Green	ON	DC power is being supplied to the Corecess 3311.
LINK		ON	The modem is connecting to SHDSL network.
LAN		ON	The LAN port is connecting to Ethernet port on your PC.
DATA		Blink	Data is being sent to or received from Ethernet network.

Configuring the TCP/IP

After you install the Corecess 3311, next is to configure the TCP/IP network protocol.

Caution: When you configure the TCP/IP, leave the default value of any other configuration that is not mentioned in the following description.

Windows 95/98/ME

1. Click the Start button and select Settings → Control Pa (Figure 1)

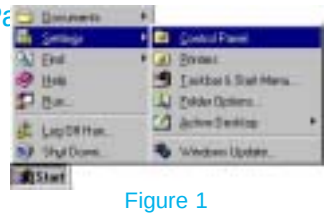


Figure 1

2. Double-click the Network icon.

3. Select TCP/IP in the 'The following network components are installed' list and click Properties. (Figure 2)

4. Select the [IP Address] tab and click the Obtain IP address automatically. (Figure 3)

5. Select the [DNS Configuration] tab and click the Disable DNS. (Figure 4)

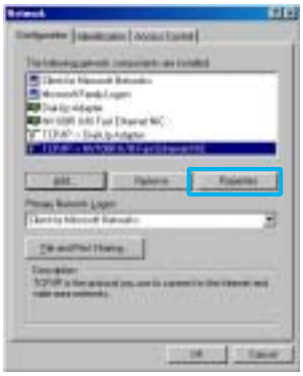


Figure 2

Figure 3

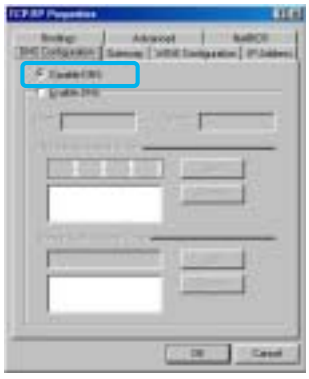


Figure 4

6. Select the [Gateway] tab and check there is no gateway installed. If there are installed gateways, delete them by clicking [Remove]. Click OK. (Figure 5)

7. At the <Network> dialog box, click OK. The system prompts you to restart. Click Yes.

Figure 5

Windows 2000/NT

1. Click the Start button and select Settings → Network and Dial-up Connections. (Figure 1)

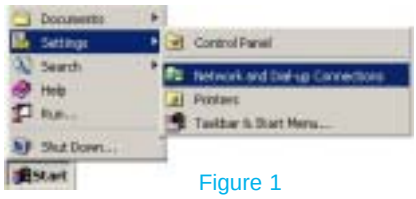


Figure 1

2. Right-click the Local Area Connection icon at the <Network and Dial-up Connections> windows and select Properties menu. (Figure 2)

Figure 2

3. At the <Local Area Connection Properties> dialog box, select the Internet Protocol (TCP/IP) in the 'Components checks are used by this connection' list and click Properties. (Figure 3)

4. At the <Internet Protocol (TCP/IP Properties)> dialog box, click the Obtain an IP address automatically and the Obtain DNS server address automatically. Then click Advanced to check the TCP/IP settings for accuracy. (Figure 4)

Figure 3

Figure 4

5. The <Advanced TCP/IP Settings> dialog box appears. At the [IP Settings] tab, check that the IP Address is set to Enable DHCP. (Figure 5)

6. Select the [DNS] tab and check that the Append primary and connection specific DNS suffix is selected. Click OK. (Figure 6)

Figure 5

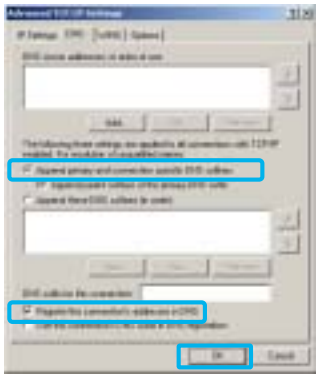


Figure 6

Windows XP

1. Click the Start button and select Settings menu. (Figure 1)


Figure 1

2. Double-click the Network icon at the <Control Panel> window.

3. Right-click the Local Area Connection icon at the <Network Connections> windows and select Properties menu. (Figure 2)

Figure 2

4. At the <Local Area Connection Properties> dialog box, select the Internet Protocol (TCP/IP) in the 'This connection uses the following items' list and click Properties. (Figure 3)

5. At the <Internet Protocol (TCP/IP) Properties)> dialog box, click the Obtain an IP address automatically and the Obtain DNS server address automatically. Then click Advanced to check the TCP/IP settings for accuracy. (Figure 4)

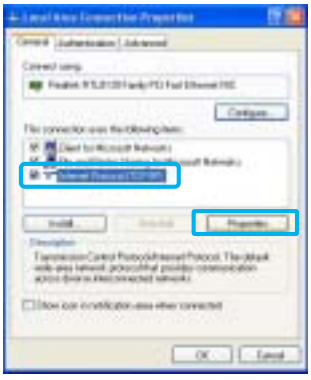


Figure 3


Figure 4

6. The <Advanced TCP/IP Settings> dialog box appears. At the [IP Settings] tab, check that the IP Address is set to Enable DHCP. (Figure 5)

7. Select the [DNS] tab and check that the Append primary and connection specific DNS suffix is selected. Click OK. (Figure 6)

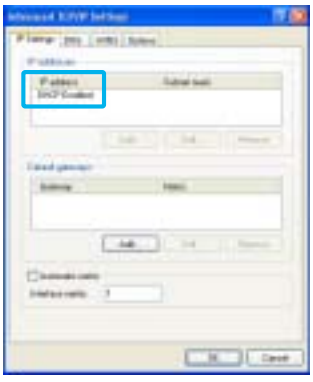


Figure 5

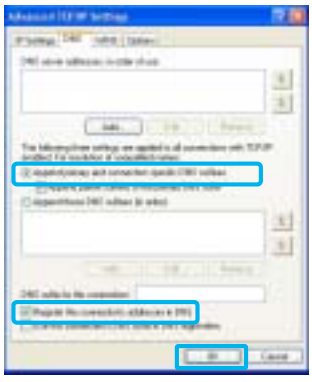


Figure 6

Troubleshooting

If you cannot connect to SHDSL network, please check the status of the LEDs on the front panel, and then ensure the following:

1. Check the LAN LED

   If the LAN LED goes off, ensure that the Ethernet cable is firmly connected both to the LAN port on the Corecess 3311 and Ethernet port on your PC.

2. Check the LINK LED

   If the LINK LED blinks continuously and never stays solid on, ensure that the SHDSL cable is firmly connected to the LINE port on the Corecess 3311. If the LINK LED still blinks, contact your SHDSL service provider.

   If the LINK LED goes off, turn off the power of the Corecess 3311 by pressing the power switch and turn on the power again. If LINK LED still goes off, contact your vendor.

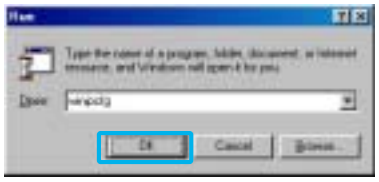
3. Check your PC's IP address

   If all LEDs operate normally and cables are firmly connected to the ports, ensure that your PC's IP address is properly assigned. Otherwise assign a new IP address according to your operating system.

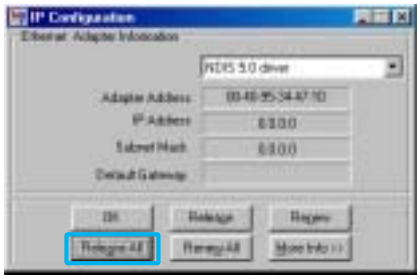
Windows 95/98/ME

❶ Click the Start button and select Run.

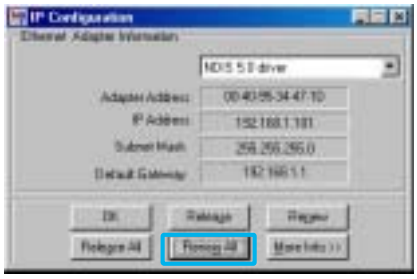
❷ Input Winipcfg and press the [Enter] key.



❸ Select Ethernet adapter connected with the Corecess 3311 and click Release All.

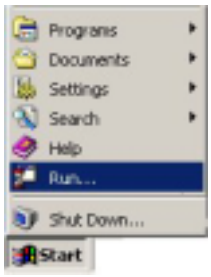


❹ Click Renew All.



Windows 2000 / NT / XP

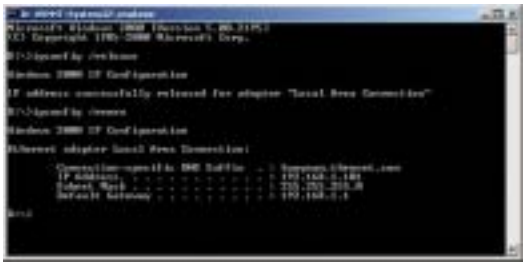
❶ Click the Start button and select Run.



❷ Input cmd and press the [Enter] key.

❸ The DOS-prompt appears. Input ipconfig /release and press [Enter] key.

❹ Input ipconfig /renew and press [Enter] key.



4. Restart your PC

If new IP address is not assigned properly or you cannot solve the problem, ensure that the Corecess 3311 turns on and then restart your PC.

Technical Specifications

Description	Specification
Standard	SHDSL Standard
	• ITU-T G.991.2 Standard
	IEEE Standard
	• IEEE 802.3 10Base-T
Interface	Ethernet
	• 10Base-T (IEEE 802.3) • Connector: RJ-45
	SHDSL Line
	• ITU-T G.991.2 (G.SHDSL) • Line Code: TC-PAM • Up/Downstream: Up to 2.3Mbps • Distance: 3Km, up to 8Km @ 26AWG • Connector: RJ-11
Connectors	• 1 RJ-11 connectors (LINE) • 1 RJ-45 connector (LAN) • 1 Power socket (DC IN)
LEDs	• POWER: Indicates DC power status • LINK: Indicates the connection status with SHDSL network • LAN: Indicates the connection status with Ethernet network • DATA : Indicates data transmit/receive status via Ethernet network
Environmental Conditions	• Temperature: 0°C ~ 50°C • Humidity: 5% ~ 90%
Physical Conditions	• Dimension: 140(W) x 150(D) x 30(H) mm • Weight: 250g
Power Requirements	• Free Voltage SMPS Adaptor • Power Input: 100-240 VAC, 50-60Hz, DC 5V/2A • Power consumption: Max. 4 Watt


CORECESS