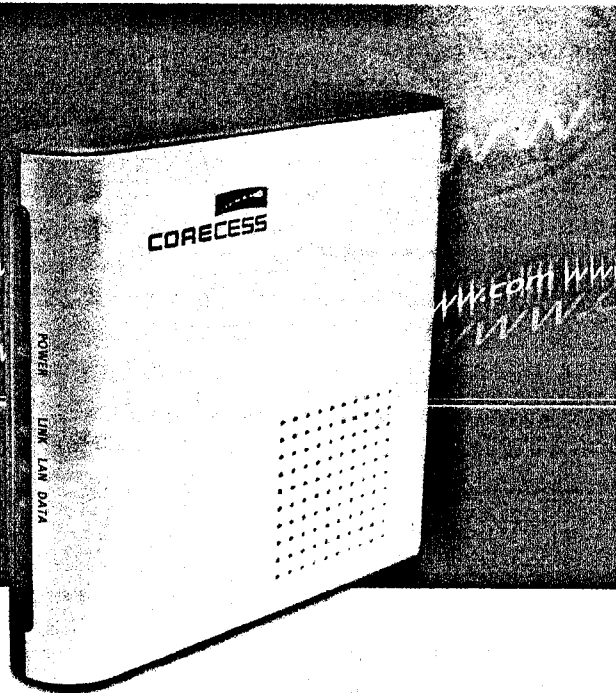




Corecess ADSt Modem

# Corecess 3113



## FCC

This device complies with 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.

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Note : 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. These 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 no 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 or relocate the receiving antenna.
- Increase the separation between the equipment and 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.

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The specifications and information regarding the products in this manual are subject to changed without notice.

### | Trademark Credit |

Corecess 3113 is registered trademark of Corecess Inc.

Windows is registered trademark of Microsoft Corp.

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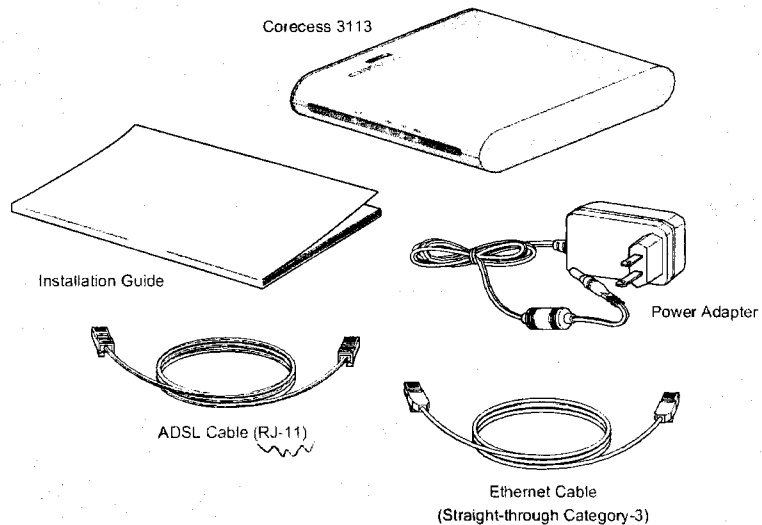
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## Introduction

The Corecess 3113 is an Asymmetric Digital Subscriber Line (ADSL) modem used for home connectivity to an ADSL service provider network over an Ethernet network connection. The Corecess 3113 ADSL modem receives adaptive data rates of up to 8Mbps downstream and transmits 1 Mbps upstream.

## Unpacking the Box

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

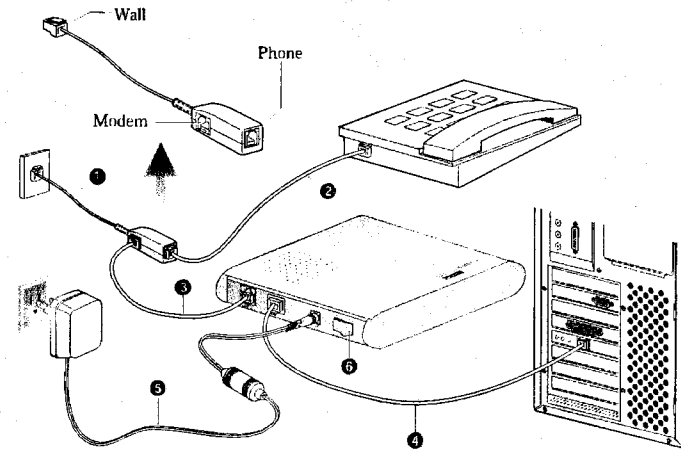


**Note :** The following hardware is not provided but necessary to install and configure the Corecess 3113. Before installing the Corecess 3113, prepare the following hardware:

- Micro-filter or splitter (provided separately by your service provider)
- PC with Ethernet port or adapter

## Installing the Corecess 3113

The Corecess 3113 supports both the POTS splitter and micro-filter phone configurations. Before cabling the Corecess 3113, verify your configuration with your service provider. This section describes how to install the Corecess 3113 by using micro-filter as the following figure.



- 1 Unplug the telephone line from the wall receptacle and plug the line end of the micro-filter to the wall receptacle.
  - 2 Connect the telephone cable that was unplugged from step 1 to the Phone port of the micro-filter.
  - 3 Connect the provided ADSL cable to the Modem port of the micro-filter and then connect the other end of the cable to the LINE port of the Corecess 3113.
  - 4 Connect the provided Ethernet cable to the Ethernet port of the Corecess 3113 and then connect the other end of the cable to LAN port on the NIC installed to your PC.
  - 5 Connect power to the Corecess 3113 by plugging one end of the power supply into an appropriate electrical outlet and the other end into the DC9V port of the Corecess 3113.
  - 6 Turn on the Corecess 3113 with the power switch on the rear panel of the Corecess 3113.
- 7 Power on your PC.



**Caution :** You must power on the Corecess 3113 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 10-11 or restart your PC.

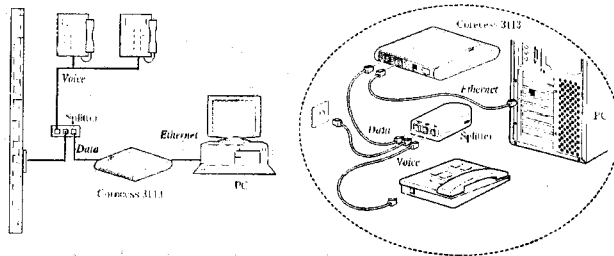
## LED Operation

When you have powered up the Corecess 3113, check the status of the four LEDs on the front panel by the following table:

POWER	Green	ON	DC power is being supplied to the Corecess 3113.
LINK		Blink ↓ ON	The system is initializing for connection to ADSL network.
		ON	The system is connecting to ADSL network.
LAN		ON	The Ethernet port is connecting with a PC
DATA	Blink	Data is being sent to or received from ADSL network.	



**Note:** The following figure shows a configuration using a POTS splitter instead of micro-filters.



## Configuring the TCP/IP

After you install the Corecess 3113, 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 Panel.

(Figure 1)

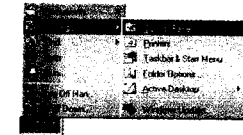


Figure 1

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.

5. Select the [DNS Configuration] tab and click the Disable DNS.

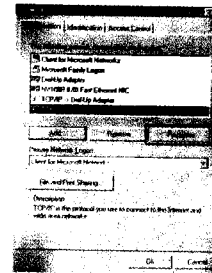


Figure 2

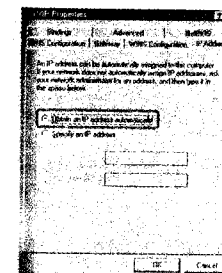


Figure 3

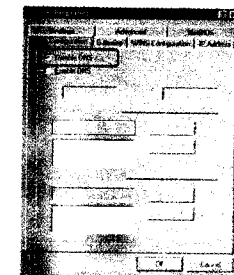


Figure 4

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)

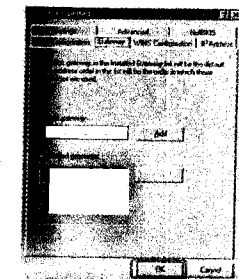


Figure 5

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

## Windows 2000/NT

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

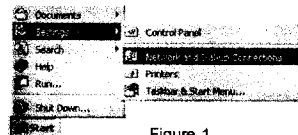


Figure 1

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 checked 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)

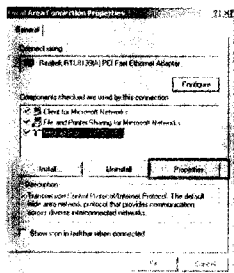


Figure 3

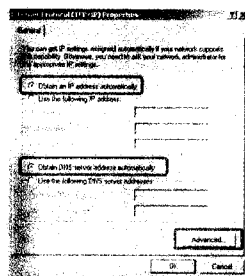


Figure 4

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)

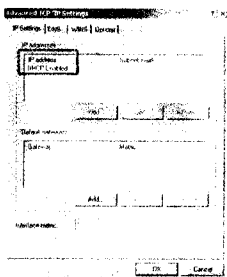


Figure 5

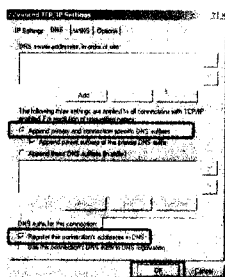


Figure 6

## Windows XP

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

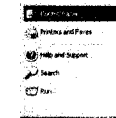


Figure 1

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)

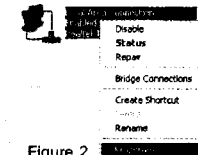


Figure 2

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)

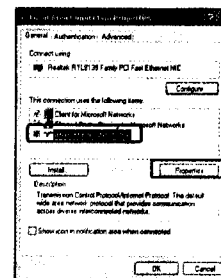


Figure 3

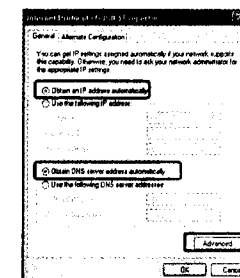


Figure 4

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)

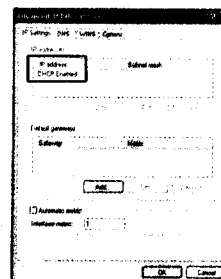


Figure 5

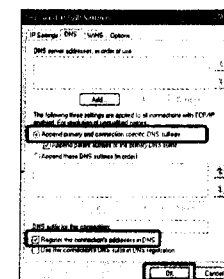


Figure 6

## Troubleshooting

If you cannot connect to ADSL 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 Ethernet port on the Corecess 3113 and LAN port on your PC.

2. Check the LINK LED

If the LINK LED blinks continuously and never stays solid on, ensure that the ADSL cable is firmly connected to the LINE port on the Corecess 3113. If the LINK LED still blinks, contact your ADSL service provider.

If the LINK LED goes off, turn off the power of the Corecess 3113 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

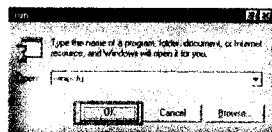
If all LEDs operate normally and cables are firmly connected to the ports, ensure that your PC's IP address is properly assigned. Otherwise assign a new IP address according to your operating system.

### Windows 95/98/ME

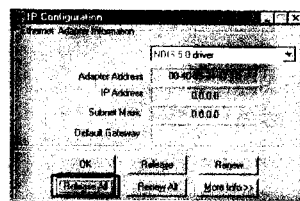
1. Click the Start button and select Run.



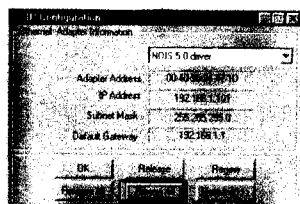
2. Input Winipcfg and press the [Enter] key.



3. Select Ethernet adapter connected with the Corecess 3113 and click Release All.

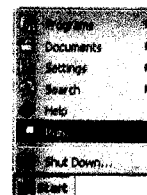


4. Click Renew All.

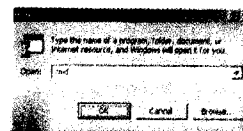


### Windows 2000/NT/XP

1. Click the Start button and select Run



2. Input cmd and press the [Enter] key.



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



4. 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 3113 turns on and then restart your PC.