51. Select [NDIS(PPPoE) Usermode I/O Protocol], click the [OK] button.

Select N	etwork Protocol 🛛 🛛 🗙
¥	Click the Network Protocol that you want to install, then click OK. If you have an installation disk for this device, click Have Disk.
Models:	
🕅 NDI	S(PPPoE) Usermode I/O Protocol
	Have Disk
	OK Cancel

NOTE: If the same dialog at step 47 is popped up again, cancel once and repeat from step 45.

52. Click the [OK] button.

NOTE:One of the protocols added shall be;"NDIS(PPPoE) User mode I/O Protocol -> iBurst Modem"; or"NDIS(PPPoE) User mode I/O Protocol -> iBurst Modem Type 02-01".

Network
Configuration Identification Access Control
The following network components are installed:
Client for Microsoft Networks Dial-I In Adapter
Burst Modem
Microsoft Virtual Private Networking Adapter
¥ NDIS(PPPoE) Usermode I/O Protocol -> Dial-Up Adapter ▼
Add Remove Properties
Primary Network Logon:
Client for Microsoft Networks
<u>File</u> and Print Sharing
Description
OK Cancel

NOTE: If the dialog window as shown below appears, insert [Windows 98SE CD-ROM] into the CD-ROM drive and click the [OK] button.

Insert D	isk
\odot	Please insert the disk labeled 'Windows 98 Second Edition CD-ROM', and then click OK.
	ΟΚ

NOTE: If the dialog window as shown below appears, insert [Windows 98SE CD-ROM] into your PC and enter the directory of your [Windows 98SE CD-ROM], click the [OK] button. "xxxxxxx" in the picture below is a file name that can not be found.

Copying Files	×
The file ' XXXXXXX' on Windows 98	OK
Second Edition CD-ROM cannot be found	Cancel
Insert Windows 98 Second Edition CD-RG	DM
in the selected drive, and click OK.	Skip File
DEAMINSUSE	Details

53. The dialog window shown below will appear, click the [Yes] button, and shut down your PC, then turn on your PC again.

System 9	Settings Change 🛛 🕅
?	To finish installing your hardware, you must shut down your computer, turn it off, and install the card for your hardware.
	Do you want to shut down your computer now?
	Yes <u>N</u> o

NOTE: If the PC doesn't shutdown itself, try to press Alt+Ctrl+Del keys several times.

NOTE: To connect to the Internet, refer to page 64.

Installation for Mac OS X

NOTE:

The installation software are applied to Mac OS X 10.1.5/10.2/10.3/10.4 except Mac Intel models. Make sure OS version on your PC and a corresponding installation software package for the iBurst Modem.

NOTE:

All screen copies in this section are based on Mac OS X 10.4 except in step 3.

- Make sure to remove the iBurst Modem out from your PC.
 ATTENTION:
 Don't plug the iBurst Modem into your PC until completion of installation.
- 2. Turn your PC on and login as an administrative user.
- 3. Insert the Software Utility CD provided by the network operator into your CD-ROM drive; or execute the appropriate installation software.

NOTE: If the window shown below appears, click "Click the lock to make changes".

	Authorization
Introduction License Select Destination Installation Type Installing Finish Up	You need an Administrator password to install the software.
	Click the lock to make changes.

4. In case of version 10.3 or later, the confirmation message shown below will appear. Click [Continue] button.



In case of version 10.2 or older, "Authenticate" dialog will appear.
 Enter an administrator name and password, and then click the [OK] button.



6. Click the [Continue] button.

000	🥪 Install iBurst Modem
	Welcome to the iBurst Modem Installer
Introduction License Select Destnat Installation Type Install Finish Up	Welcome to the Mac OS X Installation Program. You will be guided through the steps necessary to install this software.
Z	Go Back Continue

7. Click the [Continue] button.



8. The following dialog will appear click the [Agree] button.



9. Select a destination disk, and then click the [Continue] button.

000	📚 Install iBurst Modem
	Select a Destination
Introduction	Select a destination volume to install the iBurst Modem software.
O License O Select Destination Installation Type Install Distall	Macintosh HD 74 4GB (56.8GB Free)
o 1 nulanlaalaan alaanahaalaa	Installing this software requires 2.6MB of space. You have chosen to install this software on the volume "Macintosh HD."
2	Go Back Continue

10. Click the [Install] button after appearing dialog window as shown below.

000	📚 Install iBurst Modem
E	asy Install on "Macintosh HD"
Introduction License Select Destination Installation Type Install Finish Up	Click Install to perform a basic installation of this software package on the volume "Macintosh HD."
	Go Back Install

NOTE: In case of version 10.4, "Authenticate" dialog will appear at here.

	Authenticate
Installer re	equires that you type your password.
Name:	XXXXXXXX
Password:	
▶ Details	
?	Cancel OK

11. Click the [Continue Installation] button.



12. When finish installing, the dialog shown below will appear. Click the [Restart] button.

000	🥪 Install iBurst Modem
 Introduction License Select Destination Installation Type Install Finish Up 	Click Restart to finish installing the software.
V	Go Back Restart

NOTE: To connect to the Internet, refer to page 65.

Connection Establishment

Connection Establishment for Windows XP

- 1. Make sure to plug the iBurst Modem into a PC card slot of your PC.
- 2. Click the [Start] button, followed by selecting [Control Panel] as shown below.



3. Click [Network and Internet Connections] in the [Control Panel] display.



4. Next, click [Set up or Change your Internet connection].



5. When the [Internet Properties] dialog window appears, click the [Setup] button.

	o set up etup.	an Intern	et connec	tion, click	Setu	ip
		arr iivate	Network 3	ettillga	Add	i
					[<u>B</u> em	ove
Choose S	Settings	if you nee	ed to conf	igure a proxy	Settin	igs
O Dial y O Alway	wheneve ys dial π	er a netwo y default o	, ik connec ognnection	tion is not pres	ent	
Current	urrent. None				Set Default	
Local Are	ea Netw	ork (LAN)	settings			
LAN Sett Choose S	ings do Settings	not apply above for	to dial-up ′ dial-up s	connections. ettings.	LAN Se	ttings

 [New Connection Wizard] will begin and the dialog window as shown below will appear. Click the [Next >] button in the dialog window.

S	Welcome to the New Connection Wizard
S.	This wizard helps you:
	Connect to the Internet.
	 Connect to a private network, such as your workplace network.
	Set up a home or small office network.
	To continue, click Next.

7. Select [Connect to the Internet] and click the [Next >] button.



8. Select [Set up my connection manually] and click the [Next >] button.

The w	leady iizard is preparing to set up your Internet connection.
How o	o you want to connect to the Internet?
С	Choose from a list of Internet service providers (ISPs)
0	Set up my connection manually
	For a dial-up connection, you will need your account name, password, and a phone number for your ISP. For a broadband account, you won't need a phone number.
C	Use the <u>C</u> D I got from an ISP

9. Select [Connect using a broadband connection that requires a user name and password] and click the [Next >] button.

v Connection Wizard	
Internet Connection How do you want to connect	to the Internet?
O Connect using a <u>d</u> ial-u	up modem
This type of connection u	ses a modem and a regular or ISDN phone line.
Connect using a broad password	dband connection that requires a <u>u</u> ser name and
This is a high-speed conn refer to this type of conne	ection using either a DSL or cable modem. Your ISP may ction as PPPoE.
Connect using a broad This is a high-speed conn connection. It is always an	dband connection that is <u>a</u> lways on ection using either a cable modem. DSL or LAN ctive, and doesn't require you to sign in.
	Cance

10. Fill in [ISP Name] edit box with an ISP Name, followed by clicking the [Next >] button. Note that any ISP name is acceptable.

ISP Name is "iBurst" for example.

Connection Name What is the name of the se	ervice that provides your Internet connection?
Type the name of your ISP i	n the following box.
ISP N <u>a</u> me	
iBurst	
I he name you type here will	l be the name of the connection you are creating.
The name you type here will	be the name of the connection you are creating.

11. Enter user name and password and make sure that the [Make this the default Internet connection] check box is checked. Click the [Next >] button.

	New Connection Wizard	1
	Internet Account Infor You will need an acco	mation unit name and password to sign in to your Internet account.
	Type an ISP account safe place. (If you hav	name and password, then write down this information and store it in a e forgotten an existing account name or password, contact your ISP.)
	<u>U</u> ser name:	xxxxx
Check it if you want.	Password:	••••
	Confirm password:	•••••
	Use this account this computer	name and password when anyone connects to the Internet from
Nothing in case SP2 of Windows XP.	<u>Make this the defa</u> <u>Ium on Internet C</u>	ault Internet connection
		<back next=""> Cancel</back>

12. Click the [Finish] button.



13. When the [Network and Internet Connection] window pane appears again, click [Set up change your Internet Connection].



14. When the [Internet Properties] dialog window appears and the [Connections] pane is displayed, confirm the connection name and make sure that the [Always dial my default connection] radio button is checked, followed by clicking the [Apply] button. Then, click the [OK] button to close the dialog window



15. At this point, the connection configuration is completed. When you open Internet Explorer, the [Dial-up Connection] dialog window as shown below will appear. Click the [Connect] button to connect to the network.

NOTE:

If you don't choose "Always dial my default connection" at step 14 above, you have to open this dial-up connection dialog manually every when you want to connect to the Internet.



16. When the connection establishment process is complete, a message indicating completion of the connection will appear at the task tray as shown below.



Connection Establishment for Windows 2000/Me/98SE

- **NOTE:** You have to execute the procedure in this section every when you want to connect to the Internet.
- 1. Make sure to plug the iBurst Modem into a PC card slot of your PC.
- 2. Double click the shortcut icon on the PC desktop; or click [Start] -> [Programs] -> [iBurst] -> [iBurst_Modeml Connect UTL]
- 3. Enter user name and password and click the [Connect] button.

	📶 Welcome to iBurst	X
	Welcome to iBurst ! Please enter your username and password to begin using iBurst. Username: xxxxx	
Check it if you want.	Password: ************	
i	Connect Cancel	

NOTE: 'Cancel' to close the dialog. 'Property' to open properties of the dial-up connection for iBurst Modem.

4. While connecting to network, the following connection status window is displayed.

iBurst_Modem Connect UTL	×
Verifying username and password	
[Cancel]	

5. When logging on successfully, a network connection icon will be displayed at the task tray.



Connection Establishment for Mac OS X

- 1. Make sure to plug the iBurst Modem into a PC card slot of your PC.
- 2. Select [System Preferences...] on the Apple menu.



3. Click [Network] in the [System Preferences] window.

000		S	ystem Prefere	nces		e
Show All	Displays Sound	Network	Startup Disk			
Personal						
9		Elle New	3	6	1	C
Desktop	Dock	General	International	Login Items	My Account	Screen Effects
Hardware						
6	(0	<u> </u>	0	۵
CDs & DVDs	ColorSync	Displays	Energy Saver	Keyboard	Mouse	Sound
Internet &	Network					
		Ø	1			
Internet	Network	QuickTime	Sharing			
System						
11	9	(A)	(0)	8	2	\bigcirc
Accounts	Classic	Date & Time	Software Update	Speech	Startup Disk	Universal Access

4. After the 1st insertion of the iBurst Modem, you will find the pop-up shown below. Take note the name of the new port. Click [OK].



5. Click on the drop down menu of the [Show]; and

Select [Ethernet Adaptor (en X)] indicated in the previous step.

NOTE: The 'X' in the "en X" is the port number and it shall be the biggest one among them when 1st connection.

Additionally, set as follows.

- Select the [PPPoE] tab.
- Check [Connect using PPPoE].
- Enter [Account Name] provided by the network operator.
- Enter [Password] provided by the network operator.
- Check [Save password] If you require the computer to remember your password.
- Check [Show PPPoE status in menu bar].

NOTE: If uncheck this option, you cannot see the icon described in the step 9.

• And then, click [PPPoE Options...]

Displays Sound Networ	k Startup Disk	
Locatio	n: Automatic	•
Ethernet Adaptor (enX)		
TCP/IP	PPPOE AppleTalk Prov	ries
	Connect using DDDoE	
Service Provider	Connect Using PPPoP	(Ontional)
Access News	0000000	(Optional)
Account Name:		
Password:		
PPPoE Service Name:		(Optional)
[Save pas sword Checking this box allows all us access this Internet account wi PPPoE Options	ers of this computer to thout entering a password.
	Show PPPoE status in mer	u bar
	thernet Adaptor (enX) TCP/IP Service Provider: Account Name: Password: PPPOE Service Name:	TCP/IP PPPoE AppleTalk Prox Image: TCP/IP PPPoE AppleTalk Prox Image: Connect using PPPoE Service Provider: Image: Connect using PPPoE Account Name: XXXXXXXX Password: Image: Connect using PPPoE PPPoE Service Name: Image: Connect using this box allows all us access this Internet account with the period of the pe

6. On the PPPoE Options dialog, set everything as follows and click [OK].

NOTE:

If you don't enable "Connect automatically when needed", you have to make connection by following from step 9 every when you want to connect to the Internet.

	Network			
Session Options	s:			
Connect a	utomatically when needed			
Prompt ev	ery 30 minutes to maintain connection			
Disconnect if idle for 30 minutes				
Sinconnect when user logs out				
Advanced Options:				
🗹 Send PPP e	echo packets			
🗹 Use verbo	se logging			
Password:				
oE Service Name:	(Optional)			
	Save password Checking this box allows all users of this computer to access this Internet account without entering a password. (PPPoE Options)			
	Session Options Connect a Prompt ev Disconnec Connect Send PPP c Connect Password: Disconnect Password: Disconnect Context			

7. Click the [Apply Now] button.

		N	letwork		
Show All	Displays Sound Netwo	rk Startug	Disk		
	Locatio	n: (Auto	omatic	•	
Show:	Ethernet Adaptor (enX)				
	TCP/IP	PPPOE	AppleTalk	Proxies]
		Conn	ect using PPPc	ε	
	Service Provider:				(Optional)
	Account Name:	*****	x]
	Password:	•••••	•		
	PPPoE Service Name:				(Optional)
		Save j Checki access	pas sword ng this box allov this Internet acc	vs all users o ount without	f this computer to entering a password.
		PPPoE	Options)		
		Show	PPPoE status i	in menu ba	r
() c	lick the lock to prevent fu	rther chan	ges.	Rever	t Apply Now

8. At this point, the connection configuration is completed. When you open any internet application software, e.g. a web browser, the internet connectivity will be activated automatically.

NOTE: To check the internet connectivity, follow the steps below.

9. Click the <---> icon at the top right of screen, and select the Ethernet Adapter you choose in step 5.

In addition, click <---> again and choose [Open Internet Connect]

🐟 🔲 📢 🖪 (0:16) 🕤)]
PPPoE: Idle	
Connect	
✓ Ethernet Adaptor (enx)	
Open Internet Connect	

10. Click on drop down menu of [Configuration], and select [Ethernet Adaptor (en X)]. The configuration of [Ethernet Adaptor (en X)] will be displayed, click the [Connect] button.

00	Ethernet Adaptor (enx)	
Configuration	Ethernet Adaptor (enx)	:
Service Provider		
Name	xxxxxxxx	
Password		
	Show PPPoE status in	menu bar
These settings can b	e changed in Network Prefere	nces. Edit)
Status: Idle		(Connect)

- **NOTE:** In case of version 10.4, dialog layout is different and you can find the adapter by expanding icon array, clicking ">>", at the top of the dialog.
- 11. When the box [Show PPPoE status in menu bar] is checked, PPPoE Status [Connected] will be displayed after having finished connection. However, Ethernet Adaptor display will little differ by OS Version.

00	Ethernet Adapto	r (en X)	
Configuration:	Ethernet Adapt	or (en X)	•
Service Provider:			
Name:	****		
Password:			
	Show PPPoE s	status in menu	bar
These settings can be	changed in Networ	rk Preferences.	Edit)
Status: Connected to 19	2.168.100.1		
Send:			
Receive:			
Connect Time: 00:00:29			
IP Address: 192.168	.100.2	C	Disconnect

Chapter 3 Utility Software

This chapter describes the features and usage of the Utility Software for iBurst Modem.

Using Utility Software

Using Utility Software for Windows

To open the utility dialog.

To open the utility dialog, click the icon on the computer's task tray; or click [Start] -> [Programs] -> [iBurst] -> [iBurst_Modem UTL]. When the dialog opens, the [Link Info] pane will be displayed as shown below.

iB iBurst_Modem UTL	×
Link Info Setup About	
UTID 00000000000000	
Status Link Status : No Connect	
Link Speed Down : 0 kbps Up:0 kbps	
Frame Error Rate : 0.00 %	
Signal Strength Excellent(100%)	
Current Data Rate (kbps)	
Download Upload	
0 0	
Total Byte Received 0	
Total Byte Sent 0	
OK Cancel Help	

2. To close the utility dialog window, click the [OK] button or the [Cancel] button or the 'X' button at upper-right corner of the dialog window.

Link Info Pane

[Link Info] pane indicates several communication status about iBurst Modem.



The following descriptions are about each item on the pane.

(1) **UTID**

UTID is an identifier assigned to the iBurst Modem. This will be used for maintenance support.

(2) Link Status

This indicates current link status between the iBurst Modem and the access point.

Connect : The link is connected.

No Connect: The iBurst Modem is connected with your PC but the link is not connected.

No iBurst Modem : There is no iBurst Modem connected with your PC.

(3) Link Speed

This indicates current bandwidth allocated automatically between the iBurst Modem and a radio base station.

(4) Frame Error Rate

This indicates current Frame Error Rate on the downlink air.

(5) Signal Strength

This indicates current signal strength of the received radio signal. The signal bar indicates the level visually in percentage and the status words are categorized according to the percent level as follows.

No Signal: 0%

Poor :	In the range of 1 to 24%
Fair :	In the range of 25 to 49%
Good :	In the range of 50 to 74%
Excellent :	In the range of 75 to 100%

(6) Current Data Rate

This indicates current throughputs on both directions.

(7) Total Byte Received

Total Byte Received indicates the total number of bytes received from the access point since the communication link is established.

(8) Total Byte Sent

Total Byte Sent indicates the total number of bytes transmitted to the access point since the communication link is established.

Setup Pane

[Setup] pane can be displayed in the main dialog window by clicking the [Setup] tab. This pane controls enabling/disabling to show each indicator on the [Link Info] pane.



The following descriptions are about each item on the pane.

- Selecting [ON] enables the corresponding indicator on the Link Info pane. All are [ON] as the default.
- (2) Selecting [OFF] disables the corresponding indicator on the Link Info pane.
- (3) [Apply] button activates every setting above.
- (4) [Reset] button enables and activates all settings above.
- (5) [OK] button activates every setting above and close the dialog.
- (6) [Cancel] button closes the dialog without activation of the settings.

About Pane

[About] pane shows the version information about software, hardware and copyrights.

18 iBurst_Modem UTL	
Link Info Setup About	
Utility Version : 2.00 Date : 3/29/2006 Software Version : 1106C012 Date : 9/8/2004 Hardware Version : 0.3 Date : 5/26/2004	(1 (2 (3
Copyright (C) Kyocera Corp. 2005	

The following descriptions are about each item on the pane.

- (1) This shows the version number and the build date of this Utility Software.
- (2) This shows the firmware version and the build date of the iBurst Modem.
- (3) This shows the hardware version and the manufactured date of the iBurst Modem.

Icon Display in task tray

When the Utility Software for iBurst Modem is running, an icon of the Utility Software will be displayed in the task tray of the computer monitor according to communication status of the iBurst Modem.

The table below shows icons with status descriptions.

Icon	Status of iBurst Modem
8	iBurst Modem is not connected with your PC.
iB	There is no transmission nor reception on iBurst Modem.
B	iBurst Modem is transmitting data.
iB	iBurst Modem is receiving data.
iB	iBurst Modem is both transmitting and receiving data.

Pointing on the iBurst icon on the task tray, a baloon indicates Link Status, Total Byte Received, Total Byte Sent and Signal Strength as shown below, but depending on the settings on the [Setup] pane.



Using Utility Software for Mac OS X

To open the utility dialog.

1. Click the iBurst_Modem UTL icon on the Dock.



2. "Link Info" pane of iBurst_Modem UTL dialog appears as shown below.

Link Info Pane

[Link Info] pane indicates several communication statuses about iBurst Modem.



The descriptions in next page are about each item on the pane.

(1) **UTID**

UTID is an identifier assigned to the iBurst Modem. This will be used for maintenance support.

(2) Link Status

This indicates current link status between the iBurst Modem and the access point.

Connect : The link is connected.

No Connect: The iBurst Modem is connected with your PC but the link is not connected.

No iBurst_Modem : There is no iBurst Modem connected with your PC.

(3) Link Speed

This indicates current bandwidth allocated automatically between the iBurst Modem and a radio base station.

(4) Frame Error Rate

This indicates current Frame Error Rate on the downlink air.

(5) Signal Strength

This indicates current signal strength of the received radio signal. The signal bar indicates the level visually in percentage and the status words are categorized according to the percent level as follows.

No Signal :	0%
Poor:	In the range of 1 to 24%
Fair :	In the range of 25 to 49%
Good :	In the range of 50 to 74%
Excellent :	In the range of 75 to 100%

(6) Current Data Rate

This indicates current throughputs on both directions.

(7) Total Byte Received

Total Byte Received indicates the total number of bytes received from the access point since the communication link is established.

(8) Total Byte Sent

Total Byte Sent indicates the total number of bytes transmitted to the access point since the communication link is established.

Setup Pane

[Setup] pane can be displayed in the main dialog window by clicking the [Setup] tab. This pane controls enabling/disabling to show each indicator on the [Link Info] pane.



The following descriptions are about each item on the pane.

- Selecting [ON] enables the corresponding indicator on the Link Info pane. All are [ON] as the default.
- (2) Selecting [OFF] disables the corresponding indicator on the Link Info pane.
- (3) [Apply] button activates every setting above.
- (4) [Reset] button enables and activates all settings above.

About Pane

[About] pane shows the version information about software, hardware and copyrights.

🖯 🔘 📄 🛛 iBurst_	Modem UTL	
Link Info	Setup About	
	Burst	
Utillity Version Date	: 3.10 : 3/13/06	
Software Version Date	: A202C0C5 : 3/7/06	/
Hardware Version Date	1.0 3/24/06	
Copyright(C) Kyocer	ra Corp. 2005	

The following descriptions are about each item on the pane.

- (1) This shows the version number and the build date of this Utility Software.
- (2) This shows the firmware version and the build date of the iBurst Modem.
- (3) This shows the hardware version and the manufactured date of the iBurst Modem.

Menu Bar

It will be displayed while the iBurst Modem utility is active.



(1) iBurst_Modem UTL menu

The menu is used to quit the iBurst Modem utility or to perform other operations.

Ó.	iBurst_Modem UTL	DisplaySetup	Help	
	Preferences			
	Services	•		
	Hide iBurst_Modem Hide Others Show All	UTL ೫H ℃೫H		
	Quit iBurst_Modem	UTL #Q		

(2) DisplaySetup menu

The menu is used to control enabling/disabling to show each indication on the [Link Info] pane. The function is the same as the [Setup] pane of the dialog.



(3) Help menu

The [Help] window will appear when help menu is selected.



Icon Display on the Dock

When the Utility Software for iBurst Modem is running, an icon of the Utility Software will be displayed in the task tray of the computer monitor according to communication status of the iBurst Modem.

The table below shows icons with status descriptions.

Icon	Activities on iBurst Modem
iB	iBurst Modem is not plugged into the PC Card slot.
iBurst	iBurst Modem is plugged ,and Signal Strength is <i>No Signal</i> .
iBurst	iBurst Modem is plugged ,and Signal Strength is <i>Poor</i> .
iBurst	iBurst Modem is plugged ,and Signal Strength is <i>Fair</i> .
iBurst	iBurst Modem is plugged ,and Signal Strength is <i>Good</i> .
iBurst	iBurst Modem is plugged ,and Signal Strength is <i>Excellent</i> .



This chapter describes the features and usage of the MTU Optimizer Software for iBurst Modem.

MTU Optimizer Software & Network Property

MTU optimizer software measures the optimized packet size between your PC and a HOST. It is recommended to tune MTU size in order to avoid any throughput problem. This function is a part of Kyocera PPPoE dialer and it is available on Windows 98SE, ME and 2000.

- **NOTE:** You need to make a Internet connection through the iBurst Modem prior to start this procedure.
- 1. While your PC is being connected to the Internet through the iBurst Modem, double click the iBurst connection utility icon.

NI
₹,i₿

2. When the dialog will appear, click the [MTU Setting] button.

👬 iBurst_Modem Connect UTL		
iBurst is now connected to the Internet.	Burst	
MTU Setting	Auto configuration.	
Property	Checking the dial-up property.	
Disconnect	Disconnect from the Internet.	
Cancel	To close this dialog.	

NOTE: 'Property' to open properties of the dial-up connection for iBurst Modem.
'Disconnect' to disconnect from the Internet.
'Cancel' to close the dialog.

3. The [MTU Setting] dialog is as follows.

мти	1400 -	~11	1
	1400	=1	iBurs
мss Г	1360		
Auto Confi HOST	guration		
1000			Start

- 4. There are 2 methods to decide MTU size, i.e. manually or automatically.
- 5. If you want to change MTU size manually, type a value in the MTU field and click the [Update] button. Your PC may request to restart it.
- 6. If you want to optimize MTU size automatically,
 - A) type a target URL or an IP address of the HOST, which will be notified by the network operator, and click the [Start] button.
 - B) The optimizer starts measuring and every value will be varied automatically.

мти	1401-3
MRU	1401 7/IBUI
мss 「	1361
Auto Config	uration
ност 🦵	XXX.XXX.XXX.XXX
HOST STATUS	

NOTE: 'Cancel' to stop measuring.

C) The optimizer will finish automatically with a result of the optimized MTU size in the MTU field.

MTU 1400	a S	11_
MRU 14	00 7/	iBurs
MSS 13	60	
Auto Configuratio	n	
ноят	XXX.XXX	.xxx.xxx
	asured	Start

D) Click the [Update] button to memorize into your PC. Your PC may request to restart it.

- Setting Valu MTU	ie 1400 - S	1.
MRU	1400	IBULST
MSS 🔽	1360	
Auto Config	uration	
HOST	XXX.XXX.	XXX.XXX
STATUS	Veasured	Start
Class		Monitor

NOTE: 'Monitor' to revoke the result and show the current memorized MTU size.

- 7. Click [Close] to close the dialog.
- 8. If you updated, you need to restart your PC to take effect.

Chapter 5 Uninstallation

This chapter describes how to uninstall iBurst software.

iBusrt Software Uninstallation

Uninstallation for Windows XP/2000

NOTE: All screen copies in this section are examples on Windows XP.

- 1. Close all programs that are currently running.
- 2. Remove the iBurst Modem from the computer.
- 3. Click the [Start] button, followed by selecting [Control Panel] to open Control Panel, and then double click [Add or Remove Programs].

👂 Control Panel	
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites	Iools Help
🕝 Back 🔹 🕥 🕘 Ď	🔎 Search 🜔 Folders 🛄 🗸
Address 🕞 Control Panel	
Control Panel	Pick a category
Switch to Classic View	
See Also	Appearance and Themes Printers a
Windows UpdateHelp and Support	Network and Internet Connections
	Add or Remove Programs

4. Select [iBurst Modem] software, and click the [Remove] button.

Add or Re	move Programs				
	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name		×
C <u>h</u> ange or Remove	Adobe Acrobat 5.0	1000 C	Size	25.91MB	-
Programs	SSETSCAN JGD[JWJFJ*Jg		Size	4.36MB	
Ch.	🛃 DVgate		Size	1.01MB	
New	₿ 疖凡尿f℃E©′£è'àVer3系%₀fCfAf"fg		Size	10.64MB	
rograms	B HotKey Utility		Size	0.53MB	
-	iB iBurst Modem		Size	0.68MB	
	Click here for support information,		Used	<u>rarely</u>	
Vindows			Last Used On	4/28/2006	
mponents	To remove this program from your computer, click Remove.			Remove	
	間 Intel(R) Extreme Graphics Driver				-
t Program	📳 Intel(R) PRO Network Adapters and Drivers				
cess and	LiveReg (Symantec Corporation)		Size	1.99MB	
, or dates	👻 LiveUpdate 1.80 (Symantec Corporation)		Size	4.78MB	
	Memory Stick Formatter		Size	0.23MB	
	間 Microsoft GB18030 Support Package		Size	12.13MB	
	闘 Music Visualizer Library 1.4.00		Size	0.80MB	
	Ketwork Smart Capture		Size	22.46MB	
	🛃 OpenMG Limited Patch 3.2-03-02-21-08				-

5. Click the [OK] button after appearing dialog window as shown below.



6. The following dialog window will appear, and uninstallation of software begins.

Burst Setup is performing the requested operations.	
1	

7. Click the [Finish] button after appearing dialog window as shown below.



Uninstallation for Windows Me/98SE

- 1. Close all programs that are currently running.
- 2. Remove the iBurst Modem from the computer.
- 3. Click the [Start] -> [Settings] -> [Control Panel] to open Control Panel as shown below, and then double click [Add/Remove Programs].

🐼 Control Panel						- II X
∫ <u>F</u> ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> i	ools <u>H</u> elp					1
📙 🖶 Back 🔹 🤿 🔹 🗎 📿 Searc	sh 🔁 Folders (3 History	na na × ∝	n III+		_
Address 🐼 Control Panel						∙ ∂Go
Control Panel	Accessibility Options	Add New Hardware	Add/Remove Programs	Automatic Updates	Date/Time	*
Add/Remove Programs Installs and removes programs and Windows components.	Dial-Up Networking	Display	Folder Options	Fonts	Gaming Options	
Windows Update Technical Support	Internet Options	Keyboard	Modems	Mouse	Network	
	ODBC Data Sources (32bit)	Passwords	PC Card (PCMCIA)	V Power Options	Printers	
Installs and removes programs and Wind			<u></u>			_

4. Select [iBurst Modem] software, and click the [Add/Remove] button.

Add/Remove Programs Properties
Install/Uninstall Windows Setup Startup Disk
To install a new program from a floppy disk or CD-ROM drive, click Install.
Install
Ihe following software can be automatically removed by Windows. To remove a program or to modify its installed components, select it from the list and click Add/Remove.
+Lhaca Ethereal 0.9.12 FFFTP iBTalk
Burst Modem Intel(F) PRO Ethernet Adapter and Software LiveUpdate 1.6 (Symantec Corporation) Norton AntiVirus Corporate Edition pcVtalk
Add/ <u>R</u> emove
OK Cancel Apply

5. Click the [OK] button when appearing the message as shown below.

Confirm Uninsta	11		×
Do you want to o	completely remove the select	ed application and all of it	s components?
	·	12	

6. The following dialog window will appear, and uninstallation of software begins.

Setup Status		
	Burst Setup is performing the requested operations	
		÷.

7. Click the [Finish] button after appearing dialog window as shown below.



NOTE: In case that the uninstaller shows a selection of restarting your PC, it is recommended to restart it.

8. Click the [Start] -> [Settings] -> [Control Panel] to open Control Panel as shown below, and then double click [System].



9. Select [iBurst Virtual MODEM] on [Device Manager] tab, then click the [Remove] button.



10. Click the [OK] button.

Confirm I	Device Remov	val	<u>? ×</u>
3	iBurst Virtual M	IODEM	
Warning	: You are about I	to remove this devi	ce from your system.
• Rem	iove from <u>a</u> ll conf	figurations.	
C Rem	iove from <u>s</u> pecific	c configuration.	
<u>C</u> onf	iguration:		
Und	locked		~

- **NOTE:** In case Windows 98SE, no selection is on the dialog.
- 11. Select [iBurst Virtual COM Port(COMx)] on [Device Manager] tab, then click the [Remove] button.
 - **NOTE:** The 'X' in "COM x" above is a COM port number assigned automatically. "COM3" in the picture below is an example.

System Properties					
General Device Manager Hardware Profiles Performance					
• View devices by type • View devices by connection					
🕀 🖳 Display adapters					
E G Floppy disk controllers					
E G Hard disk controllers					
Here Manager And Andrews					
House House					
E 🖓 Other devices					
E					
🖶 🖉 Ports (COM & LPT)					
Communications Port (COM1)					
ECP Printer Port (LPT1)					
Burst Virtual COM Port (COM3)					
Virtual Infrared CUM Port					
Virtual Infrared LPT Port					
Properties Refresh Remove Print					
Close Cancel					

12. Click the [OK] button.

NOTE: "COM3" in the picture below is an example.

Confirm	Device Remova		<u>?×</u>
Į	iBurst Virtual CO	IM Port (COM3)	
Warnin	g: You are about to	o remove this device fro	om your system.
• Rer	nove from all config	gurations	
C Rer	nove from <u>s</u> pecific	configuration.	
Con	figuration:		
Un	docked		X

NOTE: In case Windows 98SE, no selection is on the dialog.

13. Click the [Close] button.

System Properties	? ×
General Device Manager Hardware Profiles Performance	
View devices by type View devices by connection	_
CDROM Disk drives Display adapters Elopou disk controllere	
Hard disk controllers Hard disk controllers Hard disk controllers Hard devices Keuboard	
Harana Keyboard Harana Monitors Harana Mouse	
PCMCIA socket	
 	
Properties Refresh Remove Print	
Close Cano	el

14. Click the [Start] -> [Settings] -> [Control Panel] to open Control Panel as shown below, and then double click [Network].



15. Select [NDIS(PPPoE)Usermode I/O Protocol -> xxxxx] on [Configuration] tab, then click the [Remove] button.(Repeat the above steps if the other [NDIS(PPPoE)Usermode I/O Protocol] components are installed.)

Network					
Configuration Identification Access Control					
The following <u>n</u> etwork components are installed:					
SMC IrCC (Infrared Communications Controller)					
FIDA Protocol -> SMC IntC [Infrared Communications Conting					
NDIS(PPPoE) Usermode I/U Protocol -> <notning> NDIS(PPPoE) Usermode I/U Protocol -> Cial Us Adapter</notning>					
NDIS(PPPoE) Usermode I/O Protocol -> Intel(B) PBD/10(
Add Remove Properties					
Primary Network Logon:					
Client for Microsoft Networks					
Eile and Print Sharing					
Description A driver to support user-mode I/O on NDIS(PPPoE) devices					
OK Cancel					

16. Click the [OK] button to close Network dialog.

17. The dialog window shown below will appear, click the [Yes] button, and restart your PC.



NOTE: If the PC doesn't shutdown itself, try to press Alt+Ctrl+Del keys several times.

Uninstallation for Mac OS X

- 1. Close all programs that are currently running.
- 2. Remove the iBurst Modem from the computer.
- 3. Open the folder [Applications\iBurst Modem\Uninstall], then double click the script file [uninst_iburst_modem.command].



4. The terminal window shown below will appear. Type administrator's [password] and press [Enter] key.



5. Press [y] and [Enter] key to restart your computer.

iBurst Modem software.

0 🖯 🖯	Terminal — sh — 80x24	
Last login: Sun Ap Welcome to Darwin!	r 23 09:55:39 on console	2
/Applications/iBurs wbb-no-powerbook5-& odem.command; exit	st\ Modem/Uninstall/uninst_iburst_modem.command; exit 8:~ wbb\$ /Applications/iBurst\ Modem/Uninstall/uninst_ibuz	rst_m
#### Warning ####		
You would have a pr ge MAC Terminal pro	roblem for iBurst Access Card uninstallation, if you will operty during uninstallation.	chan
Please do not chang	ge MAC Terminal property during uninstallation.	
Password:		
######################################	######################################	
TENTION : Don'	't change any properties of MAC Terminal while	
installation. Oth	herwise you would have a problem on uninstalling of	

Chapter 6 Trouble shooting

This chapter describes how to solve the trouble when you use iBurst.

<u>Windows</u>

Illegal hang-up when install iBurst Modem.

Windows 98SE may need a couple minutes to shutdown itself, or may hang-up in worst case after iBurst Modem device driver installation.

This case is from Windows OS and competition with other devices.

The following gives you the procedure to fix this problem.

1. Open Network property [Start] -> [Settings] -> [Control Panel] -> [System].



2. Select [Device Manager] tab. Disable sound card device and other which will not effect for Windows performance, i.e. network card and modem.

Sy	stem Pi	roperties					? X
6	General	Device Ma	nager H	lardware	Profiles	Performance	1
	• Vie	ew devices b	y <u>t</u> ype	O Vi	ew devid	ces by <u>c</u> onnect	ion
	÷.	🛛 Disk drive	s				<u> </u>
	÷	👂 Display ac	lapters				
	• • • • • • • • • • • • • • • • • • •	🕽 Floppy dis	k controlle	ers			
		👌 Hard disk	controller	s			
	1	Infrared de	evices				
		& Keyboard					
		Modem					
		Monitors					
) Mouse Notwork -	dantara				
) Otherdev	ices				
		Ports (CO)	M & LPT)				
		Sound vid	teo and o	iame con	rollers		
					XXX A	udio Driver (WD	DM'
	•	System de	vices			······	
	L Z		с				<u> </u>
	Pro	operties	Refr	esh	Re	move	Print
-							
						UK	Cancel

3. On the [General] tab, check the box labeled the [Disable in this hardware profile], and then click the [OK] button.

🔹 XXXXXXXXXXXXXXXXX Audio Driver (WDM) Pr ? 🔀
General Driver Resources
۲۰۰۰ Audio Driver (WDM)
Device type: Sound, video and game controllers
Manufacturer: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Hardware version: 032
Device status
This device is working properly.
- Device usage
Disable in this bardware profile
Exists in all hardware profiles
OK Cancel

- 4. Plug the iBurst Modem into a PC card slot.
- 5. On the [General] tab, uncheck the box labeled the [Disable in this hardware profile], and then click the [OK] button.

XXXXXXXXXXXXXXXXXX Audio Driver (WDM) Pr 🔋 🏼
General Driver Resources
xxxxxxxxxxxxxx Audio Driver (W/DM)
Device type: Sound, video and game controllers
Manufacturer: xxxxxxxxxxxxxxxxxxxxxxxxxxxx
Hardware version: 032
Device status
■ Device usage ■ <u>Disable in this hardware profile</u> ■ <u>E</u> xists in all hardware profiles
OK Cancel

Illegal hang-up when set up dialer

Windows 98SE may need a couple minutes to shutdown itself, or may hang-up in worst case after iBurst Modem Virtual COM Port driver installation.

This case is from Windows OS and competition with other devices.

The following gives you the procedure to fix this problem.

1. Open Device Manager [Start] -> [Settings] -> [Control Panel] -> [System] -> [Device Manager].



2. Disable sound card device and other which will not effect for Windows performance, ie network card and modem.

System Properties ? 🗙
General Device Manager Hardware Profiles Performance
View devices by type C View devices by connection
Ē Disk drives ▲
🗄 🖳 Display adapters
📋 🚭 Floppy disk controllers
🕀 🚭 Hard disk controllers
🕀 🍋 Infrared devices
E - 🐯 Keyboard
E Monitors
H → Mouse
Sound video and game controllers
Properties Refresh Remove Print
OK Cancel

3. On the [General] tab, check the box labeled the [Disable in this hardware profile], and then click the [OK] button.

XXXXXXXXXXXXXXXXX Audio Driver (WDM) Pr ? 🗙
General Driver Resources
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Device type: Sound, video and game controllers Manufacturer: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Device status
Device usage Disable in this hardware profile Exists in all hardware profiles
OK Cancel

- 4. Re-install iBurst Modem Virtual COM Port driver according to installation procedure, chapter 2 "Installation for Windows 98SE" step 19.
- 5. On the [General] tab, uncheck the box labeled the [Disable in this hardware profile], and then click the [OK] button.

XXXXXXXXXXXXXXXXXXXX Audio Driver (WDM) Pr ? 🗙
General Driver Resources
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Device type: Sound, video and game controllers
Manufacturer: xxxxxxxxxxxxxxxxxxxxx
Hardware version: 032
Device status
This device is working properly.
Device usage
Disable in this hardware profile
Exists in all hardware profiles
OK Cancel

Mac

Data rate

iBurst Modem would not perform maximum data rate when it connects with Mac PC.

This is obviously caused by Mac OS.

And typical data rate connecting with Mac is 800Kbps at downlink and 240Kbps at uplink.

Chapter 7 Information

FCC Compliance Statement

FCC WARNING

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

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. 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.

FCC RF Radiation Exposure Statement

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. UTC has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. The maximum SAR levels tested Kyocera Corporation 100 for UTC has been show to be 0.507 W/kg at Body.