7. Click the [Continue] button.



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

To continue installing the software license a	y the software, you must agree to th agreement.	he terms of
Click Agree to contin	ue or click Disagree to cancel the ir	nstallation.

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

000	Install iBurst Terminal
	Select a Destination
Introduction License	Select a destination volume to install the iBurst Terminal
 Select Destination Installation Type Installing Finish Up 	Macintosh HD 18.6GB
	101MB of disk space is required Go Back Continue

iBurst Terminal, Desktop Model (UTD) / USB Model (UTU), Manual

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

000	Install iBurst Terminal		
Easy Install			
@Introduction @License			
Select Destination	Click Install to perform a basic installation of this		
OInstallation Type	software package.		
e Installing			
	Functional Co Back Clottal		

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

	Authenticate
You need a or phrase	an administrator name and password to make changes in Installer.
Name:	xxxx
Password or phrase:	••••
	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 Terminal
	Install Software
© Introduction © License © Select Destination © Installation Type © Installing © Finish Up	The software was successfully installed
R	Click Restart to finish installing the software.

NOTE: To connect to the Internet, refer to page 69.

Connection Establishment

Connection Establishment for Windows XP

- 1. Make sure to connect the iBurst Terminal with your PC via USB cable or Ethernet cable.
- 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].



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



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

	Welcome to the New Connection
J.	Wizard
	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.

ietting R	eady
The wi	zard is preparing to set up your Internet connection.
How do	o you want to connect to the Internet?
0	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.
0	number. Use the <u>C</u> D I got from an ISP
0	number. Use the <u>C</u> D I got from an ISP
0	number. Use the <u>C</u> D I got from an ISP
0	number. Use the <u>C</u> D I got from an ISP
0	number. 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.

lew Con	nection Wizard
Intern Ho	et Connection w do you want to connect to the Internet?
0	Connect using a <u>d</u> ial-up modem This type of connection uses a modem and a regular or ISDN phone line.
۲	Connect using a broadband connection that requires a user name and password
	This is a high-speed connection using either a DSL or cable modem. Your ISP may refer to this type of connection as PPPoE.
0	Connect using a broadband connection that is always on This is a high-speed connection using either a cable modern, DSL or LAN connection. It is always active, and doesn't require you to sign in.
	<u>All Mext > Cancel</u>

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 service	that provides your Internet connection?
Type the name of your ISP in the	following box.
ISP Name	
iBurst	1

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 Wizar	1
	Internet Account Info You will need an acco	mation sunt 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 re 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 def</u> <u>Iurn on Internet C</u>	ault Internet connection
		< <u>B</u> ack Next> Cancel

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 connect the iBurst Terminal with your PC via USB cable or Ethernet cable..
- 2. Double click the shortcut icon on the PC desktop; or click [Start] -> [Programs] -> [iBurst Terminal] -> [iBurst_Terminal Connect UTL]
- 3. Enter user name and password and click the [Connect] button.

Burst_Terminal Connect UTL
Welcome to iBurst !
Please enter your username and password to begin using iBurst.
Username: XXXXXXX
Password:
Enter my password automatically in the future
Please select your device to begin using iBurst.
Device: iBurst Terminal
Connect Cancel Property

NOTE: 'Cancel' to close the dialog.

'Property' to open properties of the dial-up connection for iBurst Terminal.

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

🞆 iBurst_Terminal 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 connect the iBurst Terminal with your PC via USB cable or Ethernet cable.
- 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		E New	3	6	1	e
Desktop	Dock	General	International	Login Items	My Account	Screen Effects
Hardware						
6	(<u> </u>	0	٩
CDs & DVDs	ColorSync	Displays	Energy Saver	Keyboard	Mouse	Sound
Internet &	Network					
		Ø	1			
Internet	Network	QuickTime	Sharing			
System						
ш	9	Ca	()	6	2	\bigcirc
Accounts	Classic	Date & Time	Software	Speech	Startup Disk	Universal Access

4. After the 1st connection with the iBurst Terminal via USB cable, you will find the pop-up shown below. Take note the name of the new port. Click [OK].

• •	New Port Detected
8	A new network port has been detected:
	Ethernet Adaptor (en X)
	Please verify that it is configured correctly, then press Apply Now to activate it.

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

Select [Ethernet Adaptor (en X)] indicated in the previous step in case of USB connection; or Select appropriate "Ethernet" interface in case of Ethernet connection, "Built-in Ethernet" for example.

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...]

00		Network	
5			
how All	Displays Sound Netwo	rk Startup Disk	
	Locatio	n: Automatic	•
Show:	Ethernet Adaptor (en X) 👘	
	TCP/IP	PPPoE AppleTalk Pr	oxies
		Connect using DDDoE	
	Service Provider:		(Optional)
	Account Name:	xxxxxxxx	
	Password:	•••••	
	PPPoE Service Name:		(Optional)
		Save password Checking this box allows all access this Internet account	users of this computer to without entering a password.
		(PPPoE Options)	
		PPPoE Options	enu bar

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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 a PPPoE connection following the procedure described in the next page every when you want to connect to the Internet.

0.0		Network		
ić	Session Options:			
Show All D	👝 🗹 Connect au	utomatically when needed		
	Prompt every 30 minutes to maintain connection			
	Disconnect if idle for 30 minutes			
Show: Et	🗹 Disconnec	t when user logs out		
	Advanced Optio	ons:	50407	
	Send PPP echo packets			
	Se verbose logging			
		Cancel	ОК	
	ACCOUNT NAMES	Cancel	ОК	
	Password:	Cancel		
рр	Password: PoE Service Name:	Cancel	(Optional)	
рр	Password: PoE Service Name:	Cancel	(Optional) users of this computer to without entering a password.	
PP	Password: PoE Service Name:	Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cancel Cance	(Optional) users of this computer to without entering a password.	

7. Click the [Apply Now] button.

ys Sound Networ Locatio et Adaptor (enX) TCP/IP	k Startup n: Auto PPPoE Ø Conne	Disk omatic AppleTalk ect using PPP	Proxies oE)
Locatio et Adaptor (enX) TCP/IP ervice Provider:	n: Auto	AppleTalk ect using PPPo	Proxies]
et Adaptor (enX) TCP/IP ervice Provider:	PPPoE	AppleTalk ect using PPP	Proxies]
TCP/IP ervice Provider:	PPPoE	AppleTalk	Proxies]
ervice Provider:	Conne	ect using PPP	oE	
ervice Provider:				
				(Optional)
Account Name:		x]
Password:	•••••			
E Service Name:				(Optional)
	Save p Checki access	pas sword ng this box allo this Internet ac	ws all users o count without	f this computer to entering a password.
	PPPoE	Options)		
	🗹 Show	PPPoE status	in menu ba	r
	Service Name:	E Service Name: Save Checki access PPPOE Show Dock to prevent further chan	Service Name: Save password Checking this box allo access this Internet ac (PPPoE Options) Show PPPoE status pock to prevent further changes.	Service Name: Save password Checking this box allows all users o access this Internet account without PPPOE Options Show PPPOE status in menu ba bock to prevent further changes. Reven

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 only in case of using a USB cable, 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)	0
PPPoE: Idle	
Connect	
✓ Ethernet Adaptor (enX)	
Open Internet Connect	1

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 Adaptor (en1) X)	
Configuration:	Ethernet Adaptor (en1) X	
Service Provider:		
Name:	****	
Password:	•••••	
	Show PPPoE status in men	u bar
These settings can be	changed in Network Preferences.	Edit
Status: Connected to 19	2.168.100.1	
Send:		
Receive:		
Connect Time: 00:00:29)	
IP Address: 192.168	.100.2	Disconnect

Chapter 3 Utility Software

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

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 Terminal] -> [iBurst_Terminal UTL]. When the dialog opens, the [Link Info] pane will be displayed as shown below.

iB iBurst_Terminal UTL	\mathbf{X}
Link Info Setup About	
UTID 000000000000000000000000000000000000	
Link Status : No Connect	
Link Speed Down: 0 kbps Up:0 kbps	
Frame Error Hate : 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 Terminal.



The following descriptions are about each item on the pane.

(1) **UTID**

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

(2) Link Status

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

Connect : The link is connected.

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

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

(3) Link Speed

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

(4) Frame Error Rate

This indicates current Frame Error Rate on the downlink air.

```
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```

(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.

SNA	
P iBurst	
Utility Version : 2.00 Date : 3/29/2006	╀
Software Version : 1106C012 Date : 9/8/2004	t
Hardware Version : 0.3 Date : 5/26/2004	T
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 Terminal.
- (3) This shows the hardware version and the manufactured date of the iBurst Terminal.

Icon Display in task tray

When the Utility Software for iBurst Terminal 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 Terminal.

The table below shows icons with status descriptions.

Icon	Status of iBurst Terminal
8	iBurst Terminal is not connected with your PC.
iB	There is no transmission nor reception on iBurst Terminal.
B	iBurst Terminal is transmitting data.
iB	iBurst Terminal is receiving data.
iB	iBurst Terminal 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 Terminal UTL icon on the Dock.



2. The iBurst_Terminal UTL dialog appears as shown in next page.

Link Info Pane

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



The following descriptions are about each item on the pane.

(1) **UTID**

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

(2) Link Status

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

Connect : The link is connected.

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

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

(3) Link Speed

This indicates current bandwidth allocated automatically between the iBurst Terminal 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.

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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.

	Signal Strength
	Link Speed ON OFF
	Frame Error Rate O OFF
	Current Data Rate ON OFF Total Byte ON OFF
_	Apply Reset

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_T	Ferminal UTL	
Link Info	Setup About	
	Burst	(1
Utillity Version Date	: 0.09 : 12/1/04	(2
Software Version Date	: A201C0C7 : 3/10/06	(;
Hardware Version Date	1.0 3/24/06	
Copyright(C) NEC In	nfrontia Corp. 2003-2004	

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 Terminal.
- (3) This shows the hardware version and the manufactured date of the iBurst Terminal.

Menu Bar

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



(1) iBurst_Terminal UTL menu

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



(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 Terminal 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 Terminal.

The table below shows icons with status descriptions.

Icon	Activities on iBurst Terminal
B	iBurst Terminal is not connected with your PC.
iBurst	iBurst Terminal is connected with your PC, but No Signal received.
iBurst	iBurst Terminal is connected with your PC,and Signal Strength is Poor.
iBurst	iBurst Terminal is connected with your PC,and Signal Strength is Fair.
iBurst	iBurst Terminal is connected with your PC,and Signal Strength is Good.
iBurst	iBurst Terminal is connected with your PC,and Signal Strength is Excellent.

Status Indication over Ethernet

Introduction

In case that you want to make an IP connectivity through Ethernet, not through USB, you can see statuses of iBurst Terminal on a web browser instead of iBurst Utility software. In this case, you need to follow the steps described in this section.

Attention

Since the Ethernet port of an iBurst Terminal has a fixed IP address, 192.168.250.55 as default, it is strongly recommended to isolate both the iBurst Terminal and your PC from a live Ethernet network in order to avoid any network trouble.

Information

You can use a straight, not cross, cable to connect between the iBurst Terminal and your PC, it means that the Ethernet port of an iBurst Terminal has a interface like as a HUB.

Procedure

1. To enable communication with the iBurst Terminal, you have to change IP address of your PC.

<In case Windows XP>

- 1) Click "Start" -> "Control Panel" to open that.
- 2) Click "Network and Internet Connections" to open that.
- 3) Click "Network Connections" to open that.
- 4) Double click the name of the Ethernet port you want to use which should be listed at "LAN or High-Speed Internet".
- 5) "Local Area Connection Status" dialog will appear. On "General" tab in the dialog, click "Properties".
- 6) "Local Area Connection Properties" dialog will appear. On "General" tab in the dialog, select "Internet Protocol (TCP/IP)" and click "Properties" button. "Internet Protocol (TCP/IP) Properties" dialog will appear.
- 7) On "General" tab in the dialog, select "Use the following IP address:" and specify IP address and Subnet Mask according to network plan. In case of connecting directly between the iBurst Terminal and your PC, the settings shown below are recommended as an example.

IP address: 192.168.250.1 Subnet mask: 255.255.255.0 Default gateway:(blank)

- 8) Click "OK" to close the TCP/IP properties.
- 9) Click "OK" to close the connection properties.
- 10) Close "Network Connections" window.

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<In case Windows 2000>

- 1) Click "Start" -> "Settings" -> "Control Panel" to open that.
- 2) Double click "Network and Dial-up Connections" to open that.
- 3) Double click the connection of the Ethernet port you want to use. In general case, the name should be "Local Area Connection". A properties dialog will appear.
- 4) On "General" tab in the dialog, select "Internet Protocol (TCP/IP)" and click "Properties" button. "Internet Protocol (TCP/IP) Properties" dialog will appear.
- 5) On "General" tab in the dialog, select "Use the following IP address:" and specify IP address and Subnet Mask according to your network plan. In case of connecting directly between the iBurst Terminal and your PC, the settings shown below are recommended as an example.

IP address: 192.168.250.1 Subnet mask: 255.255.255.0 Default gateway:(blank)

- 6) Click "OK" to close the TCP/IP properties.
- 7) Click "OK" to close the Ethernet Connection properties.
- 8) Close "Network and Dial-up Connections" window.

<In case Windows Me/98SE>

- 1) Click "Start" -> "Settings" -> "Control Panel" to open that.
- 2) Double click "Network" to open that.
- 3) On "Configuration" tab in the dialog, select "TCP/IP -> [the name of the network adapter/card]" and click "Properties" button. "TCP/IP Properties" dialog will appear.
- 4) On "IP Address" tab in the dialog, select "Specify an IP address:" and specify IP address and Subnet Mask according to your network plan. In case of connecting directly between the iBurst Terminal and your PC, the settings shown below are recommended as an example.

IP address: 192.168.250.1 Subnet mask: 255.255.255.0 Default gateway:(blank)

- 5) Click "OK" to close the TCP/IP properties.
- 6) Click "OK" to close "Network" dialog.

<In case Mac OS X>

- 1) Click "System Preferences" on the dock or click the APPLE icon on the top menu and click "System Preferences..." to open that.
- 2) Click "Network" icon to open that.
- 3) At the pull-down menu of "Show:", select the Ethernet port you want to use. In general case, the name should be "Built-in Ethernet".
- 4) Select "PPPoE" tab on the dialog and disable "Connect using PPPoE".
- 5) Select "TCP/IP" tab on the dialog.
- 6) At the pull-down menu of "Configure:", select "Manually".
- 7) Specify IP address and Subnet Mask according to your network plan. In case of connecting directly between the iBurst Terminal and your PC, the settings shown below are recommended as an example.

IP address: 192.168.250.1 Subnet mask: 255.255.255.0 Router: (blank)

- 8) Click "Apply Now" button.
- 9) Close "Network" window.
- 2. Open a web browser, e.g. Internet Explorer.
- 3. Specify a URL as follows.

http://192.168.250.55/

- NOTE: Even though you change IP address of the iBurst Terminal, the iBurst Terminal hold the default IP address. So, the default IP address cannot be used for the other equipment in the network connected. The URL will jump automatically to the IP address you changed.
- 4. Now, you are seeing information in the iBurst Terminal. The structure of the information pages is as follows.



[IP Address Setting]

j iBurst	IP Address Setting
Burst Configuration Utility	Current IP Address is 192.168.250.80
Menu	Enter New IP Address (dotted decimal format):
IP Address Setting	Submit
 Jump Link Information 	
o <u>Help</u>	

This page shows current IP address of the iBurst Terminal. You can change the IP address on this page. To change it, type new IP address and click "Submit" button. The page shown below will be shown.



[Link Information]

NV.	Link Information			
≂.iRurst	Link Status	Link Status Connected		
//bdist	Link Speed 1671	032 kbps		
iBurst Configuration Utility	Frame Error	0.21 %		
	Signal Strength	100 %		
	Total Byte Received 15	652 KByte		
Menu	Total Byte Sent	565 KByte		
Link Information	Convictet Kussers Constantion All vie	bto roconuo d		
 Configuration 	Copyright Kyocera Corporation. Air rig	nts reserveu		
• Help				

This page indicates similar information described in page 75 of iBurst Terminal utility software.

 $\ast\ast$ All information will be updated every 5 seconds.

NVL .	Configuration	
≂iBurst	IP Address	192,168,250,80
7/18 di St	Software Version	A201A017
urst Configuration Utility	Software Build Date	2006.02.03
and comigate ion camp	Hardware Build Date	2006.01.30
(0.)	UTID	001264404700376
	Mac Address	00:C0:EE:CF:01:78

This page indicates similar information described in page 78 of iBurst Terminal utility software.

[Help]

This navigates you to see the web pages.



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

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 Terminal prior to start this procedure.
- 1. While your PC is being connected to the Internet through the iBurst Terminal, double click the iBurst connection utility icon.

AL
200
- iR
10

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

👬 iBurst_Terminal Conr	nect UTL
iBurst is now connected to the Internet.	Burst
MTU Setting	Auto configuration.
Property	Check 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 Terminal.
'Disconnect' to disconnect from the Internet.
'Cancel' to close the dialog.

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

мти Г	1400	~11	1_
	1400	-11	Burs
мss Г	1360		
Auto Confi	guration		
HOST			
		71 2	

- 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.

U
K.XXX
ncel

NOTE: 'Cancel' to stop measuring.

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

- Setting Val	lue	
мти 🛛	1400 -	11-
	1400	IRALLET
MSS 🗌	1360	
- Auto Confi	guration	
	XXX.XXX	x.xxx.xxx
HOST		
	Measured	Start

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

Setting Val	ue 1400 -	11	11_
	1400	-11	iBurst
MSS 🗌	1360		
- Auto Config	guration		
HOST	>	XXX.XXX	XXX.XXX
STATUS	Measu	red [Start
P.			
<u></u>			

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. Disconnect the iBurst Terminal with your PC.
- 3. Click the [Start] button, followed by selecting [Control Panel] to open Control Panel, and then double click [Add or Remove Programs].

Eile Edit ⊻iew Favorite	s <u>T</u> ools <u>H</u> elp		
🜀 Back 🔸 🌍 🗧 🍠	🔎 Search 🌔 F	olders 🛄 🔹	
Address 🕞 Control Panel			
Control Panel	Pic	k a category	~
See Also	ی	Appearance and Themes	Printers a
Windows UpdateHelp and Support	<i>i</i>	Network and Internet Connections	User Acco
	6	Add or Remove Programs	Date, Tim

4. Select [iBurst Terminal] 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	iB iBurst Terminal		Size	0.64MB	^
Programs	Click here for support information.		Used	<u>rarely</u>	
Add <u>N</u> ew	To remove this program from your computer, click Remove.		Last Used On	4/26/2006 Remove	
Programs	👸 Intel(R) Extreme Graphics Driver		L		
-	👸 Intel(R) PRO Network Adapters and Drivers				
9	LiveReg (Symantec Corporation)		Size	1.99MB	
Add/Remove <u>W</u> indows	Provide a section (Symantec Corporation)		Size	4.78MB	
Components	Memory Stick Formatter		Size	0.23MB	
	📳 Microsoft GB18030 Support Package		Size	12,13MB	_
Set Program	鍔 Music Visualizer Library 1,4.00		Size	0.80MB	
Access and	📴 Network Smart Capture		Size	22.46MB	
Dordaics	👸 OpenMG Limited Patch 3.2-03-02-21-08				
	👸 OpenMG Limited Patch 3.2-03-02-25-01				
	PopenMG Secure Module 3.2		Size	1.50MB	
	la PowerPanel		Size	5.07MB	

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

Con	firm Uninstall 🛛 🔀
Do	you want to completely remove the selected application and all of its components?
	OK Cancel

 The following dialog window will appear, and select to delete or not to delete installation history files before uninstallation, then click the [Next >] button. Selecting "Yes" is recommended.



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

Burst Terminal Setup		
Setup Status		
	iBurst Terminal Setup is performing the requested operations.	
InstallShed	Canc	el

8. 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. Disconnect the iBurst Terminal with your PC.
- 3. Click the [Start] -> [Settings] -> [Control Panel] to open Control Panel as shown below, and then double click [Add/Remove Programs].



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

Add/Remo	ve Programs Properties		? ×
Install/Un	install Windows Setup Startup	Disk	
2	To install a new program from a drive, click Install.	floppy disk or CD-ROM	
		Install	ן נ
0	The following software can be a Windows. To remove a program components, select it from the lis Add/Remove.	utomatically removed by or to modify its installed st and click	y i
+Lhaca Etherea FFFTP iBTalk iBurst Intel(R) LiveUp Norton pcVtalk	a al 0.9.12 eminal PRO Ethernet Adapter and Softw. date 1.6 (Symantec Corporation) AntiVirus Corporate Edition	are	
		Add/ <u>B</u> emove	
	ОК	Cancel Apply	

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

Confirm Uninstall	×
Do you want to completely remove the selec	sted application and all of its components?
OK	Cancel

 The following dialog window will appear, and select to delete or not to delete installation history files before uninstallation, then click the [Next >] button. Selecting "Yes" is recommended.



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

iBurst Terminal Setup	
Setup Status	
	Burst Terminal Setup is performing the requested operations.
InstallShield	Cancel

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



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

System Properties ?X
General Device Manager Hardware Profiles Performance
O View devices by type O View devices by connection
Computer CDROM Disk drives Display adapters
Hoppy disk controllers Hard disk controllers
Infrared devices Revbard
Addem A
A monitors
E
Ports (COM & LPT)
Properties Refresh Remove Print
OK Cancel

11. Click the [OK] button.

Burst Terminal Virtual MODEM	
Varning: You are about to remove this device from your	system.
Bemove from all continuations:	
Bemove from specific configuration	
Configuration:	
Undocked	-
	_
ОК С	Cancel

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

12. Select [iBurst Terminal 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.



13. Click the [OK] button.

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

Confirm	Device Removal	<u>?×</u>
Į	iBurst Terminal Virtual COM Por	t (COM3)
Warnin	g: You are about to remove this de	vice from your system.
• Rer	nove from all configurations	
C Rer	nove from specific configuration.	
Cor	nfiguration:	
Un	idocked	X
		_
		K Lancel

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

14. Click the [Close] button.

System Properties	×
General Device Manager Hardware Profiles Performance	
 View devices by type View devices by connection 	
E Bard disk controllers	
Free Infrared devices	
🗄 🎆 Keyboard	
🗄 🕤 Mouse	
E B Network adapters	
E • • • • • • • • • • • • • • • • • • •	
E- PCMCIA socket	
Here Y Ports (LUM & LPT)	
System devices	
Properties Befresh Berrove Print	
	_
Close Cancel	

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



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

💷 Dial-Up Adapter		
🗐 Toshiba FIR Port T	ype-U	
Fast Infrared Protoc	ol > Toshiba FIN P	ort Type U
Y NDIS(PPPoE) User	mode I/O Protocol I	or iBurst Terminal
	Adapter	1
_		-u
Add	R <u>e</u> move	Properties
Director National Land		_
Microsoft Family Logon	ki	
Interosorer anniy Eogori	N	20
Eile and Print Sharin	ıg	
Description		
A driver to support use	er-mode I/O on NDI	S(PPPoE) devices
for iBurst Terminal		

- 17. Click the [OK] button to close Network dialog.
- 18. 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. Disconnect the iBurst Terminal with your PC.
- 3. Open the folder [Applications\iBurst Terminal\Uninstall], then double click the script file [uninst_iburst_terminal.command].



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



5. Press [y] or [n] key, and Press [Enter] key.

0 0	Terminal — tcsh (ttyp1)	
Last login: Mon May 24 11:25 Welcome to Darwin!	:40 on console	5
<pre>/Applications/iBurst\ Termin [NEC-i-MT:~] iburst% /Applic inal.command; exit</pre>	al/Uninstall/uninst_iburst_terminal.command; exit ations/iBurst\ Terminal/Uninstall/uninst_iburst_term	
#### Warning #### You would have a problem for MAC Terminal property during Please do not change MAC Term	iBurst Terminal uninstallation, if you will change uninstallation. minal property during uninstallation.	
Password:		
Do you remove the install-lo	gging file? [y/n] :	

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

000	Terminal — tcsh (ttyp1)
Last login: Mon May Welcome to Darwin! /Applications/iBurs [NEC-i-MT:~] iburst nal.command; exit	24 11:25:40 on console t\ Terminal/Uninstall/uninst_iburst_terminal.command; exit % /Applications/iBurst\ Terminal/Uninstall/uninst_iburst_termi
#### Warning #### You would have a pr AC Terminal propert Please do not chang	oblem for iBurst Terminal uninstallation, if you will change M y during uninstallation. e MAC Terminal property during uninstallation.
Password:	
Do you remove the i	nstall-logging file? [y/n] : y
######################################	######################################
ATTENTION : Don'	t change any properties of MAC Terminal while
uninstallation. Oth	erwise you would have a problem on uninstalling of
Burst Terminal soft	ware.

Chapter 6 Trouble shooting

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

<u>Windows</u>

USB connection with Windows Me/98SE

Windows Me/98SE may need a couple seconds or maximally 1 minute to detect iBurst Terminal through USB connection. If you find this phenomenon, you can avoid it by following procedure.

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



2. Select the [TCP/IP->iBurst Terminal] component, then click the [Properties] button.

Network
Configuration Identification Access Control
The following network components are installed:
NDIS(PPPoE) Usermode I/O Protocol -> Intel(R) PRO/10(
CTCP/IP > iBurst Modern
TCP/IP -> iBurst Terminal
ICP/IP -> Intel(R) PRU/TUU VE Network Connection
Add Remove Properties
Primary Network Logon:
Client for Microsoft Networks
<u>File and Print Sharing</u>
Description
TCP/IP is the protocol you use to connect to the Internet and wide-area networks.
UK Cancel

3. Open the [IP Address] tab.

TCP/IP Properties		?×
Bindings	Advanced	NetBIOS
DNS Configuration	Gateway WINS Confi	iguration IP Address
An IP address can If your network doe your network admir the space below.	be automatically assigne is not automatically assig nistrator for an address, a	d to this computer. n IP addresses, ask nd then type it in
⊙ <u>O</u> btain an IP	address automatically	
_O <u>S</u> pecify an IP	address:	
IP Address:		
S <u>u</u> bnet Masl	k:	
Detect conne	ction to network media	
	OK	Cancel

4. Select the [Specify an IP address] then type a private IP address (for example: 192.168.250.11) and type 255.255.255.0 on Subnet Mask.

TCP/IP Properties		? ×
Bindings	Advanced	NetBIOS
DNS Configuration	Gateway WINS Confi	iguration IP Address
An IP address can If your network doe your network admir the space below.	be automatically assigne s not automatically assig istrator for an address, a	d to this computer. n IP addresses, ask nd then type it in
◯ <u>O</u> btain an IP a	address automatically	
- <u>S</u> pecify an IP	address:	
<u>I</u> P Address:	192.168.250	. 11
S <u>u</u> bnet Mask	255.255.255	. 0
Detect conne	ction to network media	
	OK	Cancel

5. Click the [OK] button.

Network	? ×
Configuration Identification Access Control	
The following <u>n</u> etwork components are installed:	
Client for Microsoft Networks	<u> </u>
Dial-Up Adapter	
Burst Modem	
Intel(B) PB0/100 VE Network Connection	_
	•
Add Remove	Properties
Primaru Network Logon:	
Client for Microsoft Networks	
Eile and Print Sharing	
2 compton	
ΠΚ	Cancel
- OK	

6. Click the [Yes] button, and restart your PC.

System Settings Change	
?	You must restart your computer before the new settings will take effect.
	Do you want to restart your computer now?
	<u>Y</u> es <u>N</u> o

Illegal hang-up when install iBurst Terminal.

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

System Properties ? 🗙
General Device Manager Hardware Profiles Performance
View devices by type C View devices by connection
庄 🖃 Disk drives
😥 🖳 Display adapters
🔁 🖶 🚭 Floppy disk controllers
🕀 🔁 Hard disk controllers
🕀 🔊 Infrared devices
⊕
I I I I I I I I I I I I I I I I I I I
I III III IIII IIII IIIIIIIIIIIIIIIII
H B Network adapters
D Ports (COM 2. LPT)
E Sound wideo and game controllers
System devices
Properties Befresh Bernove Print
OK Cancel

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

XXXXXXXXXXXXXXXXXX Audio Driver (WDM) Pr ? 🗙
General Driver Resources
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Device type: Sound, video and game controllers
Manufacturer: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Device status
This device is working properly.
Vevice usage
Exists in all hardware profiles

- 4. Connect iBurst Terminal to USB port.
- 5. On the [General] tab, uncheck 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	
Hardware version: 032	
Device status	
This device is working properly.	
Device ware	
Disable in this hardware profile	
I Exists in all hardware profiles	
OK Can	cel I

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 Terminal 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 • • • • • • • • • • • • • • • • • • •
Disk drives Display adapters Floppy disk controllers Hard disk controllers Keyboard Modem Modem Monitors Mouse Network adapters Other devices PCMCIA socket Pots (COM & LPT) Sound, video and game controllers System devices System devices
DK Cancel

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

XXXXXXXXXXXXXXXX Audio Driver (WDM) Pr ? 🗙
General Driver Resources
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Device type: Sound, video and game controllers Manufacturer: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Device status
I his device is working properly.
Device usage ✓ Disable in this hardware profile ✓ Exists in all hardware profiles
OK Cancel

- 4. Re-install iBurst Terminal Virtual COM Port driver according to installation procedure, chapter 2 "Installation for Windows 98SE" step 20.
- 5. On the [General] tab, uncheck the box labeled the [Disable in this hardware profile], and then click the [OK] button.



PC hang-up when eject iBurst Terminal from Win98 USB port.

Windows 98SE basically does not support hot plug-out for USB interface.

You might find a problem that your PC hang-up itself when you eject iBurst Terminal from USB port during PC running.

In this case, please don't eject iBurst Terminal from USB port during PC running.

You should eject iBurst Terminal from USB port after you shutdown your PC.

Mac

Data rate

iBurst Terminal 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

1

FCC Compliance Statement	
and the second	
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.

This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).