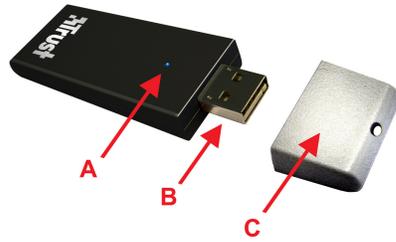


Product information

UK



A: Power/Link indicator LED
(Link: LED on/flashes)

B: USB 2.0 connector
C: Protective cap

Installation

1



On

2



Start the PC.

⚠ These instructions describe the installation for Windows XP.
The installation for Windows 98 SE, Windows ME and
Windows 2000 may differ.

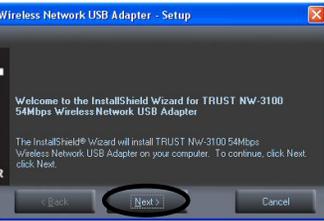
Insert the CD-ROM into the CD-ROM drive.

3



Click 'Install driver'.

4



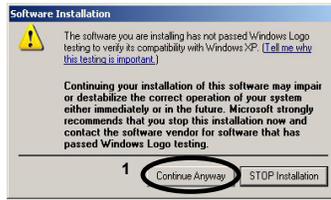
Click 'Next'.

5

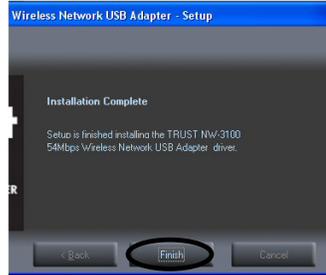


Click 'Next'.





6



1. If the 'Windows Logo Testing' warning is displayed: click 'Continue Anyway'.
2. Click 'Finish'.

The driver has been installed

7



Insert the USB 2.0 adapter into a free USB port.

⚠ Use a USB 2.0 port for optimal speed. (USB 1 = Max. 11Mbps mode)

Welcome to the Found New Hardware Wizard

This wizard helps you install software for:
Trust NW-3100 54Mbps Wireless Network USB Adapter

The USB 2.0 adapter will be detected and the driver will be installed. (This may take some time.)

If your hardware came with an installation CD or floppy disk, insert it now.

1. Select 'Install the software automatically (Recommended)'.
2. Click 'Next'.

8

What do you want the wizard to do?
 Install the software automatically (Recommended)
 Install from a list or specific location (Advanced)

Windows XP with SP2 (Service Pack 2): The 'New Hardware Wizard' will start. Select 'No, not this time' and click 'Next' to continue.

Click Next to continue.
 2

9

Software Installation

The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. [\[Get more info; this testing is important.\]](#)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.

1 Continue Anyway STOP Installation

1. If the 'Windows Logo Testing' warning is displayed: click 'Continue Anyway'.
2. Click 'Finish'.



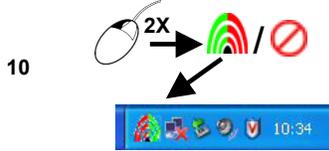
Ready to configure a wireless network connection.

Connecting to an existing wireless network/access point (Infrastructure)
(Wireless Internet connection)



Double-click the Wireless Utility icon.

Windows 98 / Windows ME / Windows 2000 → 12



⚠ The icon is located in the right-hand corner of the taskbar. It may take some time before it is possible to double-click the icon. (The icon is only visible when the adapter has been inserted into a USB port.)

If the 'Wireless Zero Configuration' warning is displayed:



Click 'Yes'.

The Windows XP wireless network administration (Wireless Zero Configuration) will be disabled.

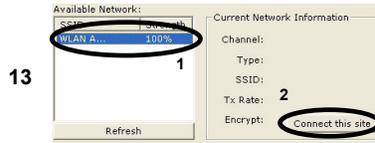
⚠ Use the Trust wireless network utility for optimal performance.

⚠ If the 'Wireless Zero Configuration' is not disabled: go to **Wireless network properties** → **Wireless networks** and unselect **Use Windows to configure my wireless network settings**.



12

Click 'Refresh'.



13

1. Select a network.
2. Click 'Connect this site'.

If in a network:
 Without encryption → 25
 WEP encryption → 14a
 WPA-PSK encryption → 15a

Network with WEP encryption



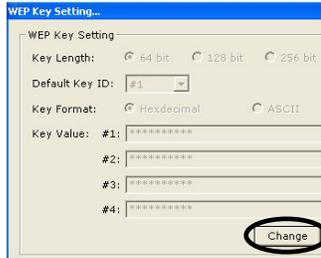
14a

The network with which a connection is made has **WEP** encryption:

Click 'No'.

⚠ The settings will be saved automatically. Click 'Yes' if a connection has previously been made using the same network connection.

14b



Click 'Change'.

14c



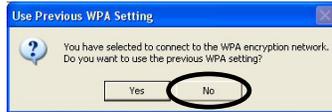
1. Select 'Key Length'.
2. Select 'Default Key ID'.
3. Select 'Key Format'.
4. Enter the WEP encryption code.
5. Click 'Apply'.
6. Close the window.
7. → 25

- ⚠ Key Length, Default Key ID, Key Format and the WEP encryption code must be the same as the selected network.
- ⚠ The WEP encryption code is entered using hexadecimal numbers (Hex) or letters (ASCII).

Hex:
Numbers: 0 to 9.
Letters: A to F.
ASCII: Letters: A to Z.

Network with WPA-PSK encryption

15a



The network with which a connection is made has **WPA-PSK** encryption:

Click 'No'.

- ⚠ The settings will be saved automatically. Click 'Yes' if a connection has previously been made using the same network connection.

15b

WPA Setting...

Connect Information
 Protocol: TLS
 User Name:
 Password:

Pre-shared Key
 Passphrase:
 (ASCII format, the length must be in 8..63)

Certificate
 Not Found - issued by Not Found

WEP Key
 WEP KEY SETTING

Change

Click 'Change'.

15c

WPA Setting...

Connect Information
 Protocol: TLS
 User Name:
 Password:

Pre-shared Key
 Passphrase: **1**
 (ASCII format, the length must be in 8..63)

Certificate
 Not Found - issued by Not Found

WEP Key
 WEP KEY SETTING

Apply **2**

1. Enter the WPA-PSK encryption code.
2. Click 'Apply'.
3. Close the window.
4. → 25

- ⚠ The WPA encryption code must be the same as the selected network.
 - ⚠ The WPA encryption code is entered using letters (ASCII).
- ASCII: Letters: A to Z.

Wireless network connection configured (Infrastructure)

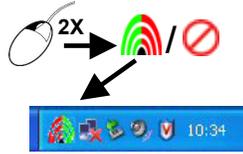
→ 25

PC → PC – Direct wireless connection with another PC (Ad-Hoc)

UK



16



Double-click the Wireless Utility icon.

Windows 98 / Windows ME / Windows 2000 → 18

⚠ The icon is located in the right-hand corner of the taskbar. It may take some time before it is possible to double-click the icon.

If the 'Wireless Zero Configuration' warning is displayed:

Click 'Yes'.

17

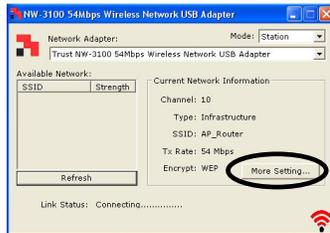


The Windows XP wireless network administration (Wireless Zero Configuration) will be disabled.

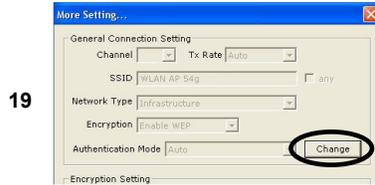
⚠ Use the Trust wireless network utility for optimal performance.

⚠ If the 'Wireless Zero Configuration' is not disabled: go to **'Wireless network properties' → 'Wireless networks'** and unselect **'Use Windows to configure my wireless network settings'**.

18

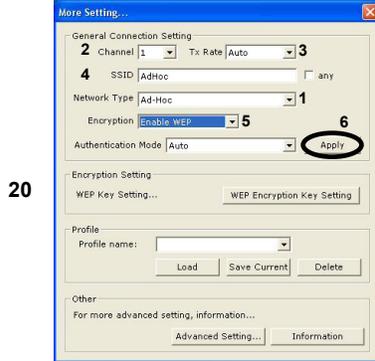


Click 'More Setting...'



19

Click 'Change'.



20

1. Select the network type: 'Ad-hoc'
2. Select the channel.
(Channel 1 is recommended. FR: Indoors – only channels 1~10. Outdoors – only channels 1~7)
3. Select the speed
(Auto recommended)
4. Enter a network name (SSID).
5. Select the encryption.
(Ad-Hoc mode: only WEP encryption is possible.)
6. Click 'Apply'.

Disable WEP → 25
Enable WEP → 21

⚠ For an Ad-hoc network, the settings must be the same on both computers.

(Ad-Hoc) Network with WEP encryption



21

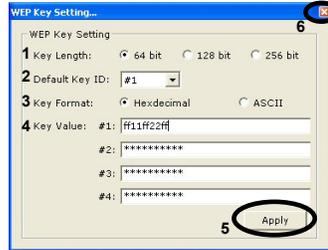
Click 'WEP Encryption Key Setting'.

22



Click 'Change'.

23

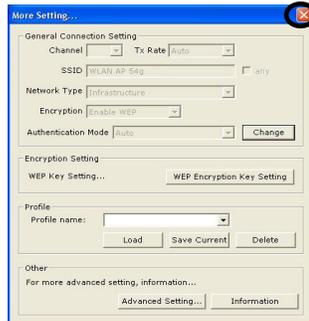


1. Select 'Key Length'.
2. Select 'Default Key ID'.
3. Select 'Key Format'.
4. Enter the WEP encryption code.
5. Click 'Apply'.
6. Close the window.

⚠ The WEP encryption code is entered using hexadecimal numbers (Hex) or letters (ASCII).

Hex: Numbers: 0 to 9.
Letters: A to F.
ASCII: Letters: A to Z.

24



Close the window.

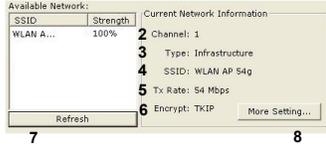
→ 25

Connection information

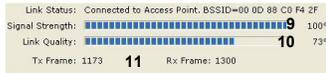


1. Mode = connection mode
Station: network adapter mode (normal use)
Access Point: Access point mode (advanced use – see English instruction manual on the CD-ROM)

25



2. Channel = Radio channel used
3. Type = The type of wireless network.
- Infrastructure:** Connection with an existing wireless network/access point
- AdHoc:** Direct wireless connection with another PC.
4. SSID = Network name
5. TxRate = Connection speed
6. Encrypt = Wireless encryption used
7. Refresh = Search for other available transmitters.
8. More settings = Other (advanced) settings
9. Link Status = Connection status
10. Signal strength = Signal strength
11. Link quality = Signal quality
12. Tx/Rx frame = Summary of the data sent and received.



- ⚠ Network speed depends on the signal strength and the range, as well as the properties and settings of the entire wireless network.
- ⚠ Signal quality depends on the position of the network and the surroundings.

Ready for use

(See the advanced instruction manual (available in English) included on the CD-ROM for the other settings.)

Icon	Explanation
	The adapter is in the 'Station' mode (Infrastructure or Ad-Hoc).
	The adapter is in the 'Access Point' mode. ⚠ 'Access point' with limited range and speed. Advanced use: see the English language instruction manual included on the CD-ROM.

	No connection or the connection is broken.
	No adapter or the wrong adapter has been installed.

Note:

-  Windows does not detect a new device after connecting the adapter
-  Check whether the driver has been installed correctly and whether the USB adapter has been inserted into the USB port.
-  Check whether there is a conflict with other devices in the PC.
- The wireless utility is not displayed in the taskbar or the utility does not work
-  Start->Programs->Trust->NW-3100 54Mbps Wireless Network USB Adapter
-  If Windows XP SP2 (Service Pack 2) has been installed: manually disable 'Use Windows to configure my wireless network settings' ('Zero configuration'). (Go to 'Wireless network properties->Wireless networks' and unselect 'Use Windows to configure my wireless network settings')
-  A wireless connection is not possible (the adapter does not detect a network)
-  Check the network settings (network name (SSID), radio channel, etc.).
-  Check the security settings or, first, try to make a connection without encryption (WEP/WPA).
-  Position the wireless devices 1 to 3 metres apart and reconnect them.
-  Check the TCP/IP properties of the wireless network (it is recommended to allow Windows to automatically assign IP addresses).
-  Check whether the correct wireless network type has been selected (Infrastructure or Ad-hoc).
-  The network to be detected does not transmit a network name (SSID). Enter the correct network name (SSID) in the network settings.
- There is a wireless connection, but no data can be transferred
-  Make sure the settings on both sides of the connection are the same.
-  Check the encryption settings. Enter the encryption key again.
-  Reconnect.
- An Ad-hoc connection cannot be made
-  Enter the same wireless network settings for each station. Check the network name (SSID), channel, etc.
-  Enter the same encryption settings (none or WEP) for each station
- No network connecting in Windows (network computers are not visible, no network neighbourhood on the desktop)
-  Make sure the TCP/IP protocol and 'Client for Microsoft Networks' have been installed.

- ⚠ Make sure the workgroup names are the same. If the workgroup name is unknown, use MSHOME.
- ⚠ Give the systems access rights to the network. Enable Windows network sharing and encryption.

-))) Reduced network speed.
- ⚠ Reduce the distance or move to a different location. Other devices or walls and floors made from reinforced concrete can affect the radio signals.
- ⚠ Another network uses the same radio channel:
 - Infrastructure: alter the channel number.
 - Ad-Hoc: turn off all but one station. Alter the channel on this station. Turn the other station back on.
- ⚠ 802.11b and 802.11g devices are used together. In a network which includes slower connections, the speed will always be as fast as the slowest device. Use 802.11g compatible devices for the optimal speed.

Go to www.trust.com/13640 for up-to-date FAQs, drivers and instruction manuals.

Safety instructions

- Do not use this device near water or other liquids.
- Do not use this device in a damp area, such as a bathroom, damp basement or swimming pool.

UK



- This device meets the essential requirements and other relevant conditions of the applicable European directives. The Declaration of Conformity (DoC) is available at www.trust.com/13640/ce.

Wireless

- This wireless device works at a frequency of 2.4 GHz. It meets the essential requirements and other relevant conditions of R&TTE Directive 1999/5/EC and can be used in the following countries: UK, DE, FR, IT, ES, NL, GR, PT, BE, NO, FI, DK, SE, CH, AT, IE, LU, IS (**Other countries:** CZ, HU, PL, SK, RU). There are limitations per channel for the above-mentioned countries. Go to www.trust.com/13640 for an updated list of the countries where the use of this device is permitted.
- Limitations: **France:** only channels 1 to 10 may be used indoors and channels 1 to 7 may be used outdoors.
- There may be restrictions for the use of this device outside of the EU. If this device is used outside of the EU, check whether this device meets the local regulations. Frequency: 2.4 ~ 2.4835 GHz MHz, Power: approx. 15 dBm.
- Nowadays, there are an increasing number of wireless products (video, audio, computer, etc.) which work in the same frequency range as this device. It may, therefore, be possible that the functionality of this device is limited by or is limiting for other wireless devices. This can only be avoided by paying attention to the distance between devices and, where possible, by changing channels.
- Be careful when using wireless devices if you have a pacemaker or are dependent on other life-saving, sensitive electronic equipment, because this product transmits radio signals.

Warranty & copyright

- This device has a two-year product warranty which is valid from the date of purchase. Go to www.trust.com/warranty for more information.
- It is forbidden to reproduce any part of this instruction manual without the permission of Trust International B.V.