Quick Installation Guide

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Thank you for purchasing the new **ADSL Modem Wireless-N Router** from Nexxt Solutions™. If any of the following items are mismatched, missing or damaged, please contact the merchant from whom you purchased the unit for immediate replacement.

- **AML02304U1** ADSL modem/router 1 unit
- Network cable 1 unit
- Telephone cable 2 units
- Line filter/splitter 1 unit
- Power adapter 100-240V~ 50/60Hz 0.3A 1 unit
- Quick installation guide 1 unit

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Preliminary steps

This advanced network device combines the functionality of an ADSL+ modem, Wi-Fi router, and a four- port switch. Before setting up the modem/router, you must have a high speed subscriber line available, known as DSL. The set up procedure used in this guide is based on this type of internet connection.

Product layout

Front panel

LED indicators on the front panel provide information about network activity, the connection and link status of the ports in real time. They also facilitate activity monitoring and troubleshooting the performance of the device.

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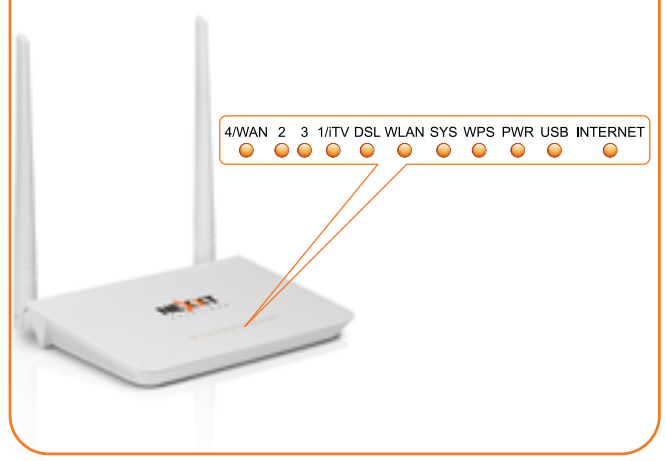

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LED indicator	Status	Description
LAN 1/ ITV, 2, 3, 4 /WAN	On	The link between the modem/router and a client device is established through that port
	Blinking	The device is actively sending or transmitting data over that port
	Off	No active connection is detected in that LAN port
DSL	Blinking slowly	The physical connection failed
	Blinking fast	The device is synchronizing
	On	The ADSL connection has been established
WLAN	On	The WLAN LED lights up when the wireless feature is enabled
	Blinking	The device is actively sending or transmitting data packets
	Off	The wireless connection is disabled

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LED indicator	Status	Description
SYS	Blinking	The system is operating properly
	Solid or off	The system fails or is not operating properly
WPS	On	The client is connected successfully
	Blinking	The LED starts blinking during WPS authentication on a client, which is enabled through the device button or interface
	Off	When no wireless clients are connected, the WPS turns off after two minutes
POWER	On	The device is powered on
	Off	The device is powered off
USB	On	The USB port is active
	Off	The USB port is not in use
INTERNET	On	The device is actively connected to the internet
	Off	No internet connection is detected

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Note:

- Port 1 can be used interchangeably as an IPTV or LAN connection.
- Port 4 can be used interchangeably as a LAN or WAN connection.

Back panel

The rear panel provides the physical connectors for power and the client network devices.

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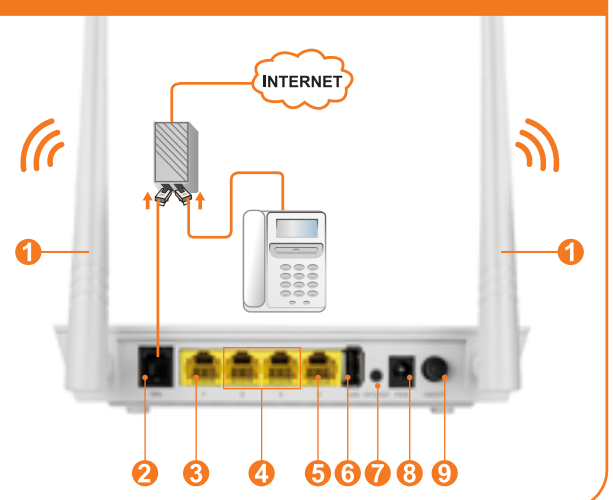

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1. **Omnidirectional antennas**
2. **DSL:** This asymmetric digital subscriber line port provides the connection to the ADSL line.
3. **LAN 1/ IPTV:** This IPTV port can be used for connecting an Internet Protocol TV receiver, and as a LAN port, when the IPTV feature is not enabled.
4. **LAN ports (2-3):** Connect your laptop or desktop computers in your network to any of these RJ45 Ethernet ports
5. **LAN 4/WAN:** This port can be used to establish a WAN link, and as a LAN port, when the former feature is not being used.
6. **USB 2.0 port:** Multifunctional USB port supports printer sharing, file sharing and mass storage devices.
7. **WPS/Reset:** Press this button for about one to three seconds to enable WPS encryption. Press this button for about seven seconds to restore the device to its factory default values.

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8. **DC input:** Connect the supplied power adapter to this jack.
9. **Power switch:** Press this button to turn the device on and off.

Hardware installation

1. Power off your PC, and the DSL modem/router.
2. Find the optimum location for the router. The best place is usually at the center or your wireless network with the antennas in the upright position.
3. Connect one end of the supplied power adapter to the AC input jack located on the rear panel of the router, before plugging the other end to a standard electrical wall outlet.

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4. Connect your network devices to the LAN ports of the router.
5. Connect the ADSL line from the service provider to the single port of the splitter using one of the RJ-11 cables provided. From the dual port side, use the second RJ-11 cable to connect to the DSL jack on your modem/router. The open available port then can be used to connect a phone line.
6. Finally, power on the modem/router and your PC.
7. The PWR, SYS, DSL, WLAN and any active LAN LEDs will initially light up on the modem when the hardware connections have been successfully completed, as shown in the diagram below.

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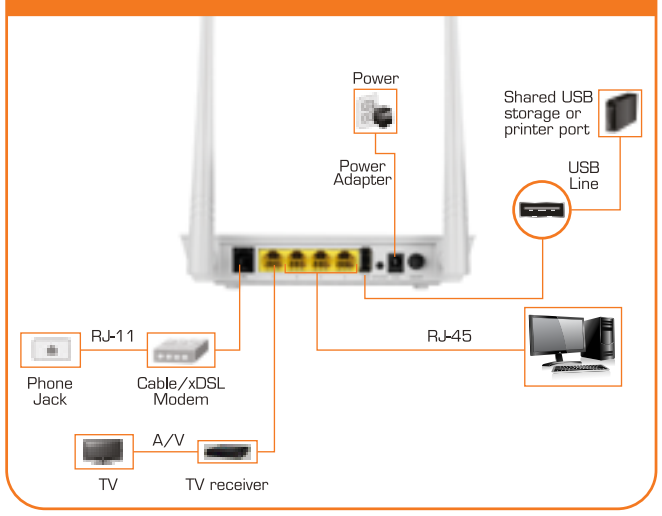

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Modem/router configuration

1. After all connections have been properly done, access the modem/router web interface by typing **http://192.168.1.1** on the address bar. Press enter to continue.
2. The login window will come up. The system will then prompt you to enter the default user name and password. Type **admin** in both cases. Click **Login** to continue.

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Note:

If you change the login user name and password, but forget them later, you can press the **Reset** button to restore the device to its factory default settings.

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3. When you access the internet setup window for the first time, you will need to fill in the corresponding fields, using your ISP service provider parameters.

   a. Link type: ensure ADSL is selected
   b. Select your country
   c. Select your ISP
   d. VPI and VCI fields will be populated automatically if the correct country and ISP are selected
   e. Select your internet connection type

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4. Depending on the connection type, you are prompted to enter your ISP settings, as shown in the following table.

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Internet connection type		ISP information
PPoE, PPPoA		Enter the ISP login user name and password. If you cannot locate this information, ask your ISP to provided it.
IPoE	Dynamic IP	No entries needed.
	Static (fixed) IP	Enter the assigned IP address, subnet mask, and the IP address of your ISP's primary DNS server. This information should have been provided to you by your ISP. If a secondary DNS server address is available, enter it also.
IPoA	Static (fixed) IP	Enter the assigned IP address, subnet mask, and the IP address of your ISP's primary DNS server. This information should have been provided to you by your ISP. If a secondary DNS server address is available, enter it also.

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5. Your basic wireless configuration settings are required at this stage. By default, the SSID is Nexxt_XXXXXX (whereby the "X" represents the last six digits of the router's MAC address). There is no default password, only a predetermined sequence that will be applied automatically. If the user chooses not to type one of his own. The sequence is **1234567890**.
6. Remember that those two last parameters can be later replaced by user-defined values, if desired. Also, for security considerations, we strongly recommend customizing your wireless security key. This can be accomplished by accessing the **Advanced** settings menu.
7. After all the above settings have been configured, click **OK**. Your new configuration will be saved in the system in order to take effect.

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8. The Internet LED will glow solid orange at this point. This indicates that an internet connection has been successfully established with your device.
9. At the top of the main settings page, you will also notice a graphical representation in real time of the modem/router's port connections. When a port is represented with a green jack, it means that there is an active connection in that particular input. If the port appears to be black, it means that there is nothing linked to that particular access point.

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FCC statement

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:

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- 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 Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be

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provide with antenna installation instructions and consider removing the no-collocation statement.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution:

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

FCC - PART 68 This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:

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5U4DL01BN0VA3. If requested, this number must be provided to the telephone company.
This equipment uses the following USOC jacks: RJ-11.

REN (RINGER EQUIVALENT NUMBERS) STATEMENT

Notice: The Ringer Equivalence Number: 0.12, assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

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ATTACHMENT LIMITATIONS STATEMENT

Notice: This equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). This is confirmed by marking the equipment with the Industry Canada certification number. The Department does not guarantee the equipment will operate to the user's satisfaction.
Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

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Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.
Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

FCC ID: X4YN0VA3