

NETCOMM FIBRE™ SERIES

NetComm®

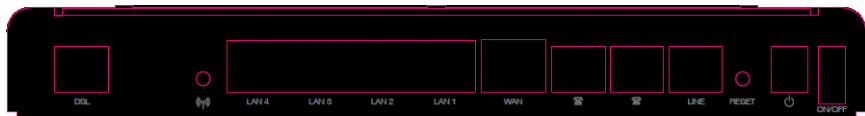
WiFi Data and VoIP Gateway



NF1ADV - Quick Start Guide

1

Connecting the cables



1. If you are using ADSL, connect the supplied **RJ-11 cable** to the **DSL port** on the back of your device and to the phone port that supplies your ADSL service.
2. If you are using Fibre, connect your **RJ-45 Ethernet cable** from the **WAN Ethernet port** to your NBN supplied termination device (ONT).
3. Connect the supplied **RJ-45 Ethernet cable** from one of the **Ethernet Ports** on the back of the device to your computer.
4. Connect the **power adapter** and press the **on/off** button

OPTIONAL

5. Connect an **RJ-11 cable** from the telephone port on the back of your device to a telephone handset to enable VOIP service usage.

2

Login to the Web Interface

1. Open a web browser (Internet Explorer, Firefox and safari), type **192.168.1.1** into the address bar and press **Enter**.
2. At the login screen, type **admin** (without the quotes) into both the Username and the Password fields and click **OK**.
3. Click on the **Basic** menu at the top of the page and then click on **Quick Setup**.
4. Select the appropriate connection type and click **Next**.

BASIC	WIFI	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
-------	------	-------	------------	-------------------	--------

Basic > Quick Setup > Step 1. Internet Setup (Select one mode)

- ADSL
- ETHWAN

Next

5. If you are connection with ADSL, select **PPPoE**. If you are connecting with Fibre, select **IP over Ethernet**. Click **Next** to continue.

BASIC	WIFI	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
-------	------	-------	------------	-------------------	--------

Basic > Quick Setup > WAN Setup (Select one WAN mode)

PPP over Ethernet (PPPoE)

IP over Ethernet

Please note: For more information about the other connection types available, please refer to the NF1ADV User Guide available on our website.

3

Connecting with ADSL

BASIC	WIFI	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
-------	------	-------	------------	-------------------	--------

Basic > Quick Setup > ADSL Only > PPPoE Information

Protocol: **PPPoE**

User ID:

Password:

VPI:

VCI:

Please note: This step is for ADSL users only who have selected PPoE. For all Fibre users who selected IP over Ethernet, please skip to the next step.

1. Enter the User ID and Password supplied by your Internet Service Provider.
2. Click on **Next**.

4

Wireless Quick Setup

BASIC	WIFI	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
Basic > Quick Setup > Wireless					
<input checked="" type="checkbox"/> Enable Wireless					
SSID: <input type="text" value="NetComm WirelessXXXX"/>					
Select Wireless Security level:					
<input type="radio"/> None <input type="radio"/> WEP <input checked="" type="radio"/> WPA					
Network Authentication: <input type="text" value="Mixed WPA2/WPA-PSK"/>					
WPA Pre-Shared Key: <input type="text" value="*****"/> Click here to display					
WPA Group Rekey Interval: <input type="text" value="0"/>					
WPA Encryption: <input type="text" value="TKIP+AES"/>					
<input type="button" value="Back"/> <input type="button" value="Next"/>					

1. The default settings that appear on the Wireless Quick Setup page are shown above.
2. You can select to enable or disable the Wireless function by clicking the **Enable Wireless** checkbox.
3. You can change your SSID. Your SSID is the name your Wireless Network will be identified by. If you change it, please remember to note as you will need this to connect to the router wirelessly.
4. You can also select the Wireless security to use and change the Wireless Network key.

Please note: By default, the router has a random SSID and Wireless Network key. This key is printed on the included Wireless Security Card.

5

VoIP Quick Setup

BASIC	WiFi	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
Basic > Quick Setup > Voice					
SIP Provider:	Custom				
SIP Proxy:	0.0.0.0				
SIP Proxy port:	5060				
SIP Outbound Proxy:	0.0.0.0				
SIP Outbound Proxy port:	5060				
<input type="checkbox"/> Enable T38 support					
Registration Expire Timeout:	120				
Dtmf Relay setting:	RFC2833				
RTP Payload Type for RFC2833:	101				

Click on "Next" button to continue.

[Back](#) [Next](#) [Skip](#)

1. Select the appropriate SIP Provider for your VOIP service from the pull down menu or alternatively, select **Custom**, and enter the VOIP service details as supplied by your VOIP provider.

2. Click **Next**

OPTIONAL

3. If you do not wish to configure your VOIP service settings now, click **Skip**.

Basic > Quick Setup > Voice

- I only have 1 SIP account.
 I have multiple SIP accounts.

Back

Next

1. Select whether you have a single or multiple SIP accounts and click **Next**.

Please note: When using multiple SIP accounts, select the number of telephone and/or DECT devices enabled for use with these accounts. You can then click "Next" and enter the applicable VOIP service details for each specific handset.

Basic > Quick Setup > Voice

VoIP Phone Number:
DisplayName:
Auth. ID:
Auth. Password:

Back

Next

2. Enter the VoIP Phone Number, DisplayName, Auth ID and Auth Password as supplied by your VOIP service provider and click **Next**.



DECT Handset Registration

BASIC	WIFI	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
-------	------	-------	------------	-------------------	--------

Basic > Quick Setup > Voice

DECT --- Base Station Information and Action

Registration Window	<input type="text" value="Closed"/>	<input type="button" value="Start Registration"/>	<input type="button" value="Stop Registration"/>
Station Registration Access Code	<input type="text" value="0000"/>	<input type="button" value="Set Code"/>	

DECT --- Handset Information and Action

Handset Identifier	
Status	
Action	

Click on "Next" button to continue.

DECT handsets can be registered to the router to enable them to utilise the configured VoIP service. To do this, click **Start Registration** and then set your DECT handset to register with a base station. If you are prompted for an Access Code, enter the code shown on this page.

Once registered, the handset information should appear in the Handset Information section.

When you have finished adding DECT handsets, click **Next**.

7

USB Storage

BASIC	WIFI	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
-------	------	-------	------------	-------------------	--------

USB Storage settings

USB Status: not detected

This page allows you to enable / disable USB storage .

Enable USB storage

Partition	Total Sizes	Used Sizes	Available Sizes
-----------	-------------	------------	-----------------

Save/Apply

If a USB device is plugged into the USB port, it will be auto detected and you will have the option to enable USB storage.

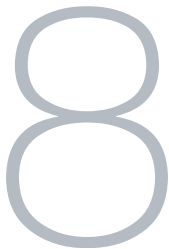
If you enable USB storage you will be shown the Netbios and Directory name fields. These names can be anything you want.

Once you have configured the settings as needed, click **Next**.

To access the storage device, open a web browser and type

\\Netbios Name\Directory

For example (using the defaults) the address to access the storage device would be **\\NF1ADV\USB-Storage**



Print Server

BASIC

WIFI

VOICE

MANAGEMENT

ADVANCED SETTINGS

STATUS

Basic > Quick Setup > Step 4. Print Server settings

This page allows you to enable printer support.

Enable on-board print server.

Back

Next

If a USB device is plugged into the USB port, it will be auto detected and you will have the option to enable the on-board print server.

If you enable the device to work as a print server you will be asked to enter the printer name, the printer make and the printer model. The fields can be set to anything you want. The names will be used to identify the printer later.

Click **Next** once you have configured the settings as needed.

Please note: For more information about setting up your network printer, please refer to the NF1ADV User Guide available on our website.



Passwords

BASIC	WIFI	VOICE	MANAGEMENT	ADVANCED SETTINGS	STATUS
Basic > Quick Setup > Passwords					
Access to your broadband router is controlled through three user accounts: admin, support, and user.					
The user name "admin" has unrestricted access to change and view configuration of your Broadband Router.					
The user name "support" is used to allow an ISP technician to access your Broadband Router for maintenance and to run diagnostics.					
The user name "user" can access the Broadband Router, view configuration settings and statistics, as well as, update the router's software.					
Use the fields below to enter up to 36 characters and click "Apply/Save" to change or create passwords. Note: Password cannot contain a space.					
User Name:	<input type="text"/>				
Old Password:	<input type="text"/>				
New Password:	<input type="text"/>				
Confirm Password:	<input type="text"/>				
<input type="button" value="Back"/> <input type="button" value="Apply/Save"/> <input type="button" value="Skip"/>					

On this page you can change the passwords for the different levels of users. We recommend that you prevent any unauthorised access to your admin settings by changing the password.

Remember to write any new passwords down so you can access them anytime in the future.

1. The default password for all users is the same as the username.
2. Once you have completed setting the passwords click **Apply/Save**.

You will be taken back to the home page where you can view your connection status.

10

Establishing a Wireless Connection



You can connect multiple wireless devices, including laptops, desktops and PDA's to your router by following these two basic steps.

1. Using your wireless device, scan the wireless networks in your area and select the wireless network name listed on the included Wireless Security Card and then click connect.

Please note: If you changed the wireless network name during set-up, select the wireless network displaying the new name you entered.

2. Enter the wireless security key listed on the included Wireless Security Card.

Please note: If you changed the wireless security password during set-up, enter the new password you entered.

11

Troubleshooting



Cannot establish a wireless connection

- Make sure the wireless switch on your laptop is in the on position.
- Ensure your device and wireless adapter are using the same wireless security settings.
- Make sure you are trying to connect to the correct SSID with the correct security key.

Cannot establish an ADSL connection

- Ensure you have entered the correct **username** and **password** as supplied by your Internet Service Provider. If you are unsure of the Username and Password, please contact your ISP for more information.

Cannot access the Web UI

- If you have changed your **username/password** and forgotten them you will need to reset your router to the factory default settings and use the default settings admin/admin

How to reset your router to the factory default settings

- With a paperclip, sharp pencil or similar object press the reset button on the back panel of the device and hold for approximately **10 seconds**.

NetComm[®]