



V90

VoIP Desktop Phone

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CHAPTER 1. CONNECTING THE VOIP PHONE

Before installing your V90 VoIP phone, you should have a working internet connection through your broadband service. If there are any problems, please contact your ISP. After that, please install the VoIP Phone according to the steps below.

- a. Connect the handset to the base of the VoIP Phone using the supplied cable.
- b. Use the enclosed Ethernet cable to connect the LAN port to a hub or switch, or to a DSL Router or Cable Modem.

Note: If your network is not PoE (Power over Ethernet) enabled then you will require an external power adapter before you can use the VoIP Phone. Please contact NetComm to purchase the correct power adapter for this product.

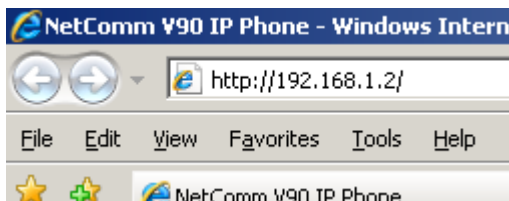
- c. For first time installation, the phone will scan the network for available services which are **DHCP**, **PPPoE**, and **Fixed IP**. Select the preferred service and enter the required information if needed. No user input is required for **DHCP** service. User ID and Password are required for **PPPoE**. IP address, Netmask, and Gateway IP Address are required for **Fixed IP** mode.

Notes: If you connect the unit to an existing router, please use DHCP. For other connection type, please refer to the user guide or contact your network administrator.

CHAPTER 2. LOG IN TO THE VOIP PHONE

To connect to the VoIP Phone, you need to retrieve the IP address of the VoIP Phone and enter the IP address to a web browser.

- a. When the phone is in the on-hook state, press **Menu**.
- b. Press **3** (System Tools).
- c. Press **1** (Phone Status).
- d. Press **1** (LAN Port).
- e. The phone will display the IP address.
- f. Type in the IP address in the address field of a web browser.



Note: This example use an IP address of "192.168.1.2" which might be different than your unit IP address. The example shown use Internet Explorer 7. Your web browser might look different.

- g. After a moment, a login window will appear. Enter **admin** for the User Name and Password in lower case letters. Then click **OK** or press **Enter**.

CHAPTER 3. CONFIGURING THE VOIP PHONE

- a. If the username and password are correct, you can configure the VoIP Phone using the web browser. Please click on the **Configurations** link on the left hand menu and click on **Call Settings**. The Call settings screen will appear.

Call Settings

SIP Work Mode	Multiple Server Mode ▾	Advanced Settings>>
	<input checked="" type="radio"/> Profile 1 <input type="radio"/> Profile 2 <input type="radio"/> Profile 3 <input type="radio"/> Profile 4	Media Settings>>
Phone Number	<input type="text"/>	
Display Name	<input type="text"/>	
SIP Proxy	<input type="text"/>	
SIP Registrar	<input type="text"/>	
Register Expiry(s)	<input type="text"/>	
Outbound Proxy	<input type="text"/>	
Home Domain	<input type="text"/>	
Authentication ID	<input type="text"/>	
Password	<input type="text"/>	
Call Wait While In Use	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	
Call Forward Type	Not Forward ▾	
Call Forward Number	<input type="text"/>	
Voice Mail Number	<input type="text"/>	
Hot Line Number	<input type="text"/>	
Dial Plan	<input type="text"/>	
Ring Type	Type 1 ▾	
	Audio Codec Preference>>	

- b. Please enter the following configuration required to get your Netcomm V90 registered to your VoIP service provider. However, depending on your network setup, more advanced information may be needed. Please consult your VoIP Service Provider if necessary.
- Phone number
 - Display name (Optional, This name will be used for Call ID Name Delivery, so that the other part can see your name before answering.)
 - SIP Proxy (IP Address or Fully Qualified Domain Name)
 - SIP Registrar (IP Address or Fully Qualified Domain Name)
 - Register Expiry(s)
 - Home Domain (Optional, IP Address or Fully Qualified Domain Name)
 - Authentication ID
 - Password

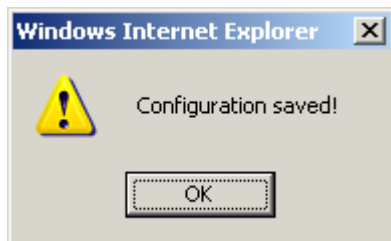
The phone supports two registration modes, Multiple Server Mode and Single Server Mode.

- Multiple Server Mode (default) allows the phone to register with up to 4 accounts with different SIP providers. L1 to L4 buttons are predefined for Profile 1 to Profile 4 and this allows the user to choose which Profile (server) will be used for the call. Profile 1 is always used as the default profile when a call is made without specifying the designated profile.
- Single Server Mode allows the phone to register up to 4 accounts with the same VoIP provider. A backup server option is also available and will be used once the registration to the primary server fails. L1 to L4 buttons are predefined for Contact 1 to Contact 4 and this allows user to choose which Contact (account) will be used for the call. Contact 1 is always used as default contact when a call is made without specifying the designated Contact.

Note: If a profile or contact is not configured, the corresponding Line button is disabled.

The V90 will automatically try to register all accounts. To change the mode, select the mode from the SIP Work Mode drop down menu. And then click on each Profile/Contact to configure the respective account.

- c. Click on the **Advanced Settings** for additional VoIP advance settings and **Media Settings** for packet length, Codec, and network tones settings. For most VoIP Service Provider, these settings can be left as default.
- d. Once you set up the Call Settings, click on **Save Changes** on the left menu to store the current settings. The confirmation window will appear.



- e. Click **OK** and the VoIP phone should be ready to be used.

Note: If you have difficulty with these steps, please consult your VoIP Service Provider or your network administrator.

CHAPTER 4. MAKING AND ANSWERING CALLS

a. Making calls

1. Pick up the handset
2. Dial the phone number
3. Press OK or # to dial out immediately (# key is configured as delimiter key by default). Depending on the configuration mode, Profile 1 or Contact 1 will be used by default.

b. Making Hands free calls

1. Press the Speaker button
2. Dial the phone number
3. Press OK or # to dial out immediately (# key is configured as delimiter key by default). Depending on the configuration mode, Profile 1 or Contact 1 will be used by default.

Note:

- If no digit is detected within Auto Dial timeout, the NetComm V90 will dial out the digits that have been received so far (The default Auto Dial timeout is 5 seconds).
- Pressing one of the line buttons instead of the OK button will select the profile / contact to be used for the call.
- An alternative way to make a call is to press a line button (L1, L2, L3, or L4) to select the appropriate line before dialing a phone number.

c. Answering Calls

There are two ways to answer an incoming call:

1. Pick up the handset to answer the call normally.
2. Press the **Speaker** button to answer in speakerphone mode.

For advance call handling, please refer to the User Guide on the Resource CD for detailed instruction.

Product Warranty

NetComm products have a standard 12 months warranty from date of purchase. However some products have an extended warranty option, via registering your product online at the NetComm website www.netcomm.com.au. Refer to the User Guide for complete product warranty conditions, limitations of warranty and other legal and regulatory information.

Contact Information

If you have any technical difficulties with your product, please do not hesitate to contact NetComm's Customer Support Department.

Email: support@netcomm.com.au

www.netcomm.com.au

Note: NetComm Technical Support for this product only covers the basic installation and features outlined in the Quick Start Guide. For further information regarding the advanced features of this product, please refer to the configuring sections in the User Guide or contact a Network Specialist.

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