

**NB9/NB9W VoIP Setup Guide for TPG Customers**

1. Navigate to <http://192.168.1.1> in a web browser.



2. Enter "admin" for both username and password of the NB9/NB9W when prompted.



3. Select voice from the left hand side of the window.

The screenshot shows a Mozilla Firefox browser window titled "NB9W - Mozilla Firefox". The address bar displays "file:///Z:/NB9/192.168.1.1/index.htm". The browser tabs include "VoIP Australia - VoIP products - NetC...", "Knowledge Base -", "Home - Technical Services", and "NB9W".

The main content area displays the "NetComm<sup>™</sup> Integrated Access Device" interface. On the left, a navigation menu lists "Basic", "Voice", "Wireless", "Management", "Advanced", and "Status". A red arrow points to the "Voice" menu item.

The main content area shows the "Basic > Home" page with the following information:

Software Version:	C201-5300NCM-C05
Bootloader (CFE) Version:	1.0.37-0.7
Wireless Driver Version:	3.91.23.0

This information reflects the current status of your DSL connection.

Line Rate - Upstream (Kbps):	
Line Rate - Downstream (Kbps):	
LAN IP Address:	192.168.1.1
Default Gateway:	
Primary DNS Server:	192.168.1.1
Secondary DNS Server:	192.168.1.1
Date/Time:	Sat Jan 1 00:15:01 2000

This information reflects the current status of your VoIP connection.

Phone 1 Current Status:	Direct Mode
Phone 2 Current Status:	Direct Mode

The Windows taskbar at the bottom shows the Start button, several open applications (Desktop - Balpreet Sa..., TechSupport - Micros..., Inbox - Microsoft: Out...), and the active Mozilla Firefox window. The system clock shows 2:46 PM.

4. Now type the following information as required

- Interface name            ppp\_8\_35 (from drop down menu)
- Local selection            AUS – Australia (from drop down menu)
- Preferred codec            G729 (from drop down menu)
- Preferred ptime            40
- Use SIP proxy              should be ticked
- SIP proxy                    aphone3.tpg.com.au
- SIP proxy port              5060
- SIP proxy domain          aphone3.tpg.com.au
- Register expire time      240
- DispName                    TPG Number
- VoIP phone number        TPG Number
- Auth. ID                     TPG Number
- Auth. Password            TPG Password

Note: - leave rest of the setting as it is.

The screenshot shows the NetComm Integrated Access Device web interface in Mozilla Firefox. The browser window title is "NB9W - Mozilla Firefox" and the address bar shows "file:///Z:/NB9/192.168.1.1/index.htm". The page title is "NetComm Integrated Access Device". The left sidebar contains a navigation menu with "Voice" selected. The main content area is titled "Voice -- SIP configuration" and contains the following fields and annotations:

- Interface name:** A dropdown menu showing "br0 - Bridge". An annotation points to it with the text "Select ppp from the drop down window".
- Local selection:** A dropdown menu showing "AUS - Australia".
- Preferred codec:** A dropdown menu showing "G729".
- Preferred ptime:** A text input field containing "20". An annotation points to it with the text "As per your VoIP service provider".
- Use SIP Proxy.**
- SIP Proxy:** A text input field containing "0.0.0.0".
- SIP Proxy port:** A text input field containing "5060".
- SIP Proxy Domain:** A text input field containing "0.0.0.0".
- Register Expire Time:** A text input field containing "60". An annotation points to it with the text "Type in expiry time as per your VoIP service provider".
- Registration Table:** A table with columns "DispName:", "VoIP Phone Number:", "Auth. ID:", and "Auth. Password:".
  - Row 1: "1", [empty], [empty], [empty].
  - Row 2: "2", [empty], [empty], [empty].
- Max Digits:** A text input field containing "24". An annotation points to it with the text "Type in your SIP phone number".
- Auth. Password:** A text input field containing [empty]. An annotation points to it with the text "Type in your SIP password here".
- RFC2833 Outband DTMF:** A dropdown menu showing "Auto Negotiation".
- RTP Payload Type for RFC2833:** A text input field containing "101".
- Emergency calls:** A dropdown menu showing "Landline".
- Number: 1:** A text input field containing "000".
- Number: 2:** A text input field containing [empty].
- Enable Internal Call**

5. Now click on apply and save all VoIP parameters.

The screenshot shows the NetComm Integrated Access Device web interface. The browser window is titled "NB9W - Mozilla Firefox" and the address bar shows "file:///Z:/NB9/192.168.1.1/index.htm". The page has a navigation menu on the left with options: Basic, Voice, SIP, Wireless, Management, Advanced, and Status. The "Voice" option is selected. The main content area displays the following settings:

- Emergency calls: Landline (dropdown), Number: 1. 000, 2. (empty)
- Enable Internal Call
- Enable Phone 1 Hotline:
- Enable Phone 2 Hotline:
- Enable Trusted IP for SIP servers:
- Remote server for SIP log messages:
- Enable Phone 1 Call Waiting
- Enable Phone 2 Call Waiting
- Phone 1 Call Forward Feature:
  - Call Forward Type: Disable (dropdown)
  - Call Forward Phone Number: (empty)
- Phone 2 Call Forward Feature:
  - Call Forward Type: Disable (dropdown)
  - Call Forward Phone Number: (empty)

A red box highlights the "Apply and Save All VoIP Parameters" button. A red arrow points from the text "Click on this Button to save and apply all VoIP setting" to the button.

6. Now click on "Management" on the left hand side of the page and then click on "Save/Reboot".
7. Now click on "Save/Reboot" button to save all setting and reboot the modem.

- The router will reboot and be ready after about 2 minutes. Check the phone status by clicking on Basic > Home. Check the "phone 1 current status" entry which should read "Register to SIP proxy succeed".

NetComm<sup>™</sup>  
Integrated Access Device

Secondary DNS Server: 203.97.78.44

Uptime Status (HH:MM:SS):

Operating System:	Sat Sep 29 11:27:58 2007
ADSL Sync Established:	Sat Sep 29 11:25:09 2007
PPP Session Established:	Sat Sep 29 11:25:09 2007
Last Time Modem Rebooted:	Sat Sep 29 11:25:09 2007
Last Time ADSL Sync Established:	none
Last Time PPP Session Established:	none

This information reflects the current status of your VoIP connection.

Phone 1 Current Status:	Register to the SIP Proxy Succeed
Phone 2 Current Status:	Direct Mode

Successfully connected to VoIP

Done Internet

Start (3 unread) Yahoo... NB9W - Micro... EN 1:28 p.m.