

TP3100-SiP version

User Manual (Quick Start Guide)

1.1. Internet phone configuration

1.1.1. Keypad configuration



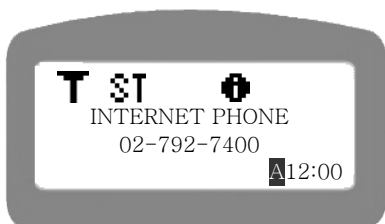
The function of each button is explained below:

Button	Function
Menu	Brings up the menu screen

	Entry allows for changing modes (English, capital/lowercase letters, special characters, numerals)
M1~M3	• Memory dial
Del	• Entry allows for character deletion
▲	• Moves the cursor upward
▼	• Moves the cursor downward
▶ Call Log	Moves the cursor to the right Brings up the call log (in the off-hook mode)
◀ P-Book	Moves the cursor to the left Brings up the phonebook menu (in the off-hook mode)
OK	Used to complete entries When dialing, use the Send Key Used to view the complete call records (only possible in the Enable mode)
Cancel	Used to cancel the entered data or selected menu. Used to return to the previous menu
PSTN	Used to switch to the general telephone mode.
Hold	• Used to block the transfer of sound to the receiving party
DISP	• Used when connecting to a telephone modem (only for those models affixed to the products (D21P, D11P).
VOL + / -	• Used to adjust the volume of the handset/speaker.
FLASH	• Used to switch to another call while in the midst of a call. Use the Transfer button in the VoIP mode.
REDIAL	• Used to redial the last number called
SPK	• Used to make a call without picking up the handset.

	<ul style="list-style-type: none"> • Press once to switch to the speaker-phone mode and one more time to terminate
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1.1.2. LCD Screen













The LCD screen of the Internet Phone displays phone status, user name, entered phone number and present time.

The information on the LCD screen is displayed as appears below

First line	Present phone status
Second line	User's name (when entered)
Third line	User's telephone number
Fourth line	Present time

The following explains the icons displaying the present phone status

Icon	name	Function
	Registration status	Displays whether data has been . Flashing: Attempting to register
	Registration status	Displays whether data has been . Keep Flashing: Means it is registering
	Calling status	: Displayed when a call is connected : Displayed when call is not connected.
	Type of internet	: Fixed IP status.

	connection	<p>DH : means phone is in the DHCP Mode.</p> <p>PP : means phone is in the PPPoE Mode.</p>
	Hold	<ul style="list-style-type: none"> • Displayed when the hold function is being used
	Flash save status	<ul style="list-style-type: none"> • Displayed when data is being saved
	PC connection	<ul style="list-style-type: none"> • Displayed when a PC is connected to the phone (in the NAT mode)
	Ethernet	<ul style="list-style-type: none"> • Displayed when the Internet Phone is connected to the Internet
   	Input mode	<p># : Means special characters</p> <p>e : Means English lowercase</p> <p>E : Means English capital letters</p> <p>1 : Means numerical</p>
	Directional keys	<ul style="list-style-type: none"> • Displayed when directional keys must be used in menu/category selection

1.1.3. LED Display

PSTN	Lights up when using the general phone mode
oISP	<ul style="list-style-type: none">• Displayed when using the modem connected to the telephone (supported modem models include: D21P, D11P).

1.1.4. Port components

POWER	<ul style="list-style-type: none">▪ Connects to the power adapter
ETHERNET	<ul style="list-style-type: none">▪ Connects to the line/cable modem/ADSL used to connect to the Internet
PC	<ul style="list-style-type: none">▪ Connected to the PC to use the Internet Phone and the Internet simultaneously.
LINE	<ul style="list-style-type: none">▪ Connects to the telephone line (can only be used with a telephone-connected modem or a general telephone-supported modem).

The external interface of all the Internet Phone models appears as below:

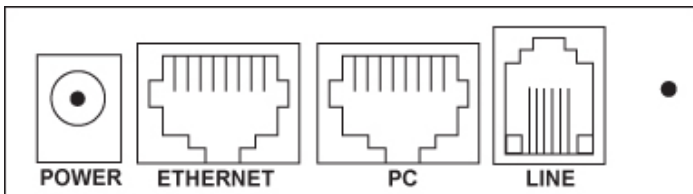


Figure 1 back panel

2. Menu Usage/Internet Phone Configuration

2.1. Quick Setup Guide

One must make the proper network and call setups in order to use the Internet phone. Follow the directions as they appear below for simply Internet phone setup.

2.2. User Password and Superuser password

- To log into SETUP menu, a password is needed. The default normal user password is 0000 and superuser password is 20021218. Please enter the password by using the key pad of normal telephone. For administrator's password, please ask the manufacturer or dealer.
- The default normal user and superuser ID/password for login to Web server is user/password and admin/superuser.

2.2.1. Entering Text Characters

- The entry modes include: **E**: lowercase English, **E**: capital English, **1**: numbers, **#**: special text, and the present mode can be confirmed by the icon at the top right of the LCD display.
- One can change entry modes by pressing the 'Menu' button.
- One can move the cursor with the right/left directional keys.
- Use the 'Del' button to erase text.
- In order to enter special text, press '0' repeatedly in the special text entry mode to find the desired text character.
- To enter English characters press the corresponding number repeatedly until the desired letter is found.
- When entering characters that correspond to the same number (ex.

entering A and B), move the cursor to the right with the directional key after entering the first letter and proceed to enter the second letter.

- When entering the IP, press "*" for ".".

Network Configuration

IP User

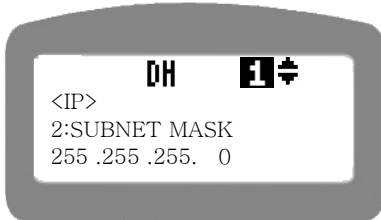
Order of entry	Menu → 5.Setup →superuser password → 2.Network → 1.Mode→1.LAN(STATIC)
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Enter the IP address.

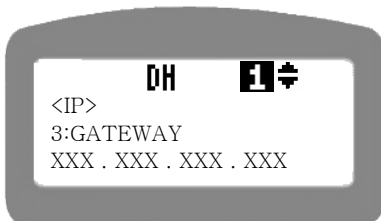
(ex:111.111.111.111)

Press the 'OK' button.



Enter the SUBNET MASK address.

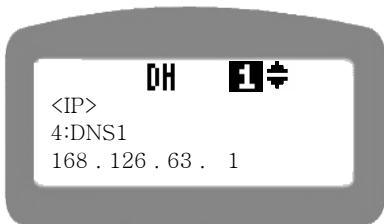
Press the 'OK' button.



Enter the Default Gateway address.

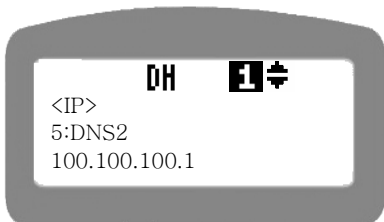
(ex: 111.111.111.1)

Press the 'OK' button.



Enter the first DNS address.

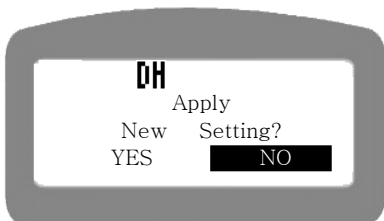
Press the 'OK' button.



Enter the second DNS address.

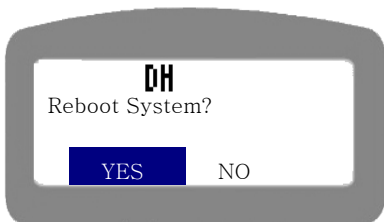
(Only when possible.)

Press the 'OK' button.



Press 'OK' in order to apply the new setting.

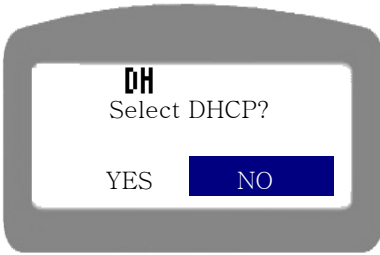
When for the new settings to be applied.



Select 'YES' in order to reboot the Internet Phone.

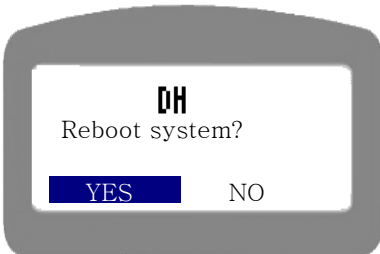
2.2.1.1. Cable Modem User

Order of entry	Menu → 5.Setup →superuser password → 2.Network → 1.Mode→ 2.DHCP
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Press 'OK' after using the directional keys to select 'YES'.

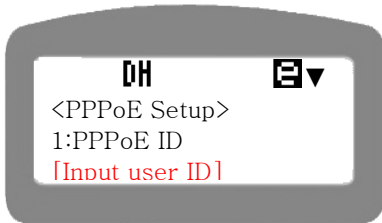
In a few moments you will be notified that DHCP has been selected.



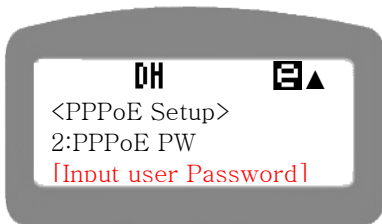
Select 'YES' and reboot the system.

2.2.1.2. ADSL (PPPoE) User

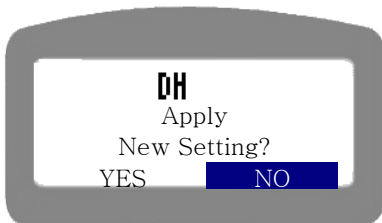
Order of entry	Menu → 5.Setup →superuser password → 2.Network → 1.Mode→ 3.PPPoE
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After entering the ADSL (PPPoE) ID, press the 'OK' button.

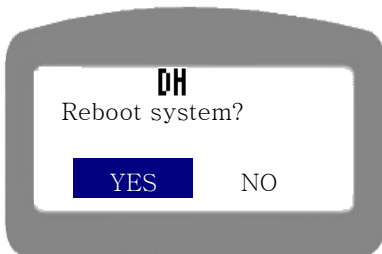


After entering the ADSL (PPPoE) password, press the 'OK' button.



Select 'YES' in order to apply the new settings.

Wait for the new settings to be applied.



In order to reboot the system, use the directional keys to select 'YES', and press 'OK'.

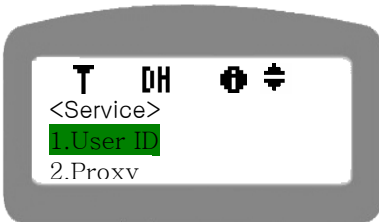
2.1.1.4 Service Configuration (Call Setup)

This menu concerns call setup in order to utilize Internet telephone services.

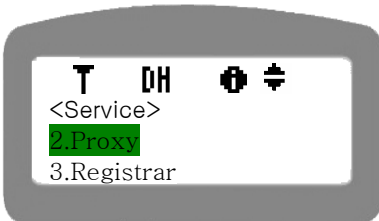
1). Service Menu

This menu provides instructions on configuring User ID, Proxy address, Registrar address, Authenticate ID/PW.

Order of entry	Menu → 5. Setup →superuser password → 3. Call Setup → 1: Service
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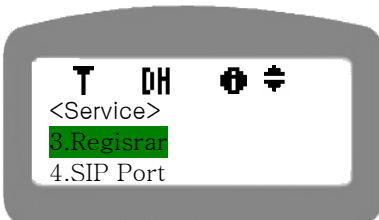


Enter the User ID.



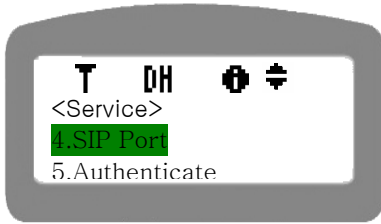
Enter the Proxy address.

- Primary Proxy
- Second Proxy

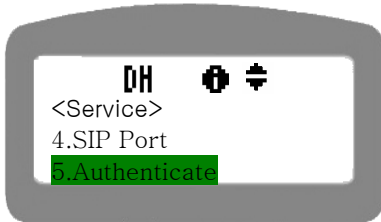


Enter the Registrar address.

- Primary Registrar
- Second Registrar



Enter the number of SIP port.



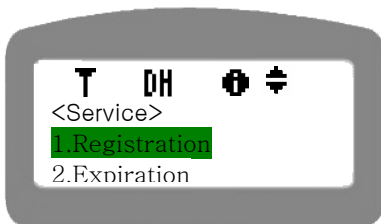
Enter the Authenticate ID/PW\.

- Auth ID
- Auth Pass

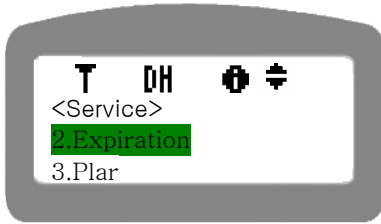
2). Option Menu

This menu is for set up of registration, Expire time, and Plar functions.

Order of entry	Menu → 5. Setup →superuser password → 3. Call Setup → 2: Option
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Configure the Registration function to On/Off.



Configure the Registration Expiration value.

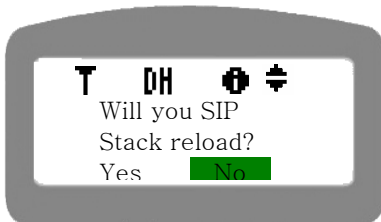


Set up the Plar function.

3). Reload Menu

In order to apply the new service contents, the user must select 'Yes' at the following menu.

Order of entry	Menu → 5. Setup →superuser password → 3. Call Setup → 3: Reload
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Configure the Registration function to On/Off.

Using the Internet Phone

In order to avoid confusion as to placing and receiving calls, read the following section carefully.

3.1 Placing calls in the VoIP mode

The '#' or 'OK' button can be used as a Send Key.

3.1.1 Placing calls in the Off-Hook mode

Step 1: Pick up the receiver or press the speaker button.

Step 2: Listen for a clear dial tone.

Step 3: Dial the desired telephone number.

Step 4: Upon connection of the call, the time of the call will appear on the LCD display.

3.1.2 Placing calls in the Phonebook mode

Step 1: Press the 'P-Book' button to select the phonebook menu.

Step 2: Search for the desired number in the phonebook menu.

Step 3: The call is automatically placed upon picking up the receiver.

3.1.3 Placing a call from the Call Log

Step 1: Press the '► Call Log' button to select the call log menu.

Step 2: Find and select the number desired.

Step 3: Pick up the receiver to automatically place the call.

3.1.4 Redial Function

Step 1: Pick up the receiver.

Step 2: Press the 'REDIAL' button to place a call to the last number dialed.

3.1.5 Memory Dial

Step 1: Pick up the receiver.

Step 2: Press the desired memory key (M1, M2, M3) on the Internet Phone keypad.

Step 3: The call will be placed to the number corresponding to the memory key pressed.

3.1.6 Mute Configuration

Step 1: Can only be used while in the midst of a call.

Step 2: Press the MUTE icon.

Step 3: The 'M' icon will flash on the icon display line.

(Placing the receiver back on the hook results on the 'Mute' function being turned off).

3.1.7 Disabling the Mute function

Step 1: The 'M' icon will be flashing on the icon display line.

Step 2: Press the MUTE icon one more time.

Step 3: The 'M' icon will disappear.

3.1.8 Hold Configuration

Step 1: Limited to use during call connection.

Step 2: Press the Redial button.

Step 3: The 'H' icon will flash on the icon display line.

(Placing the receiver back on the hook results in the 'Hold' function being turned off).

3.1.9 Disabling the Hold Function

Step 1: The 'H' icon will be flashing on the icon display line.

Step 2: Press the Redial button one more time.

Step 3: The 'H' icon on the icon display line will disappear.

3.1.10 Using Call Transfer

Step 1: Limited to usage during a call.

Step 2: Press the FLASH button.

Step 3: Listen for a dial tone.

Step 4: Press the number of the opposite party.

Step 5: After hearing the Ring back tone, place the receiver back on the hook.

3.1.11 Canceling Call Transfer

Step 1: Press the FLASH button after checking for the Ring back tone.

Step 2: The call with the original party can be resumed.

(Even when the dial tone is heard after pressing the Flash button, transfer cancellation is possible).

3.1.12 Call PickUp (Only Asterisk PBX)

Step 1: To be used when the phone at a nearby desk is ringing.

Step 2: Pick up the receiver and press '**'.

Step 3: The call can be received from your phone.

3.1.13 Call Forward.

Step 1: Enter the UI menu.

Step 2: Select '4.Forward.

Step 3: Proceed to select '1.All Calls'

Step 4: Enter the Forward number.

Step 5: When 'Forward to: A' appears on the display on the on hook mode,

Step 6: Call forward has been configured.

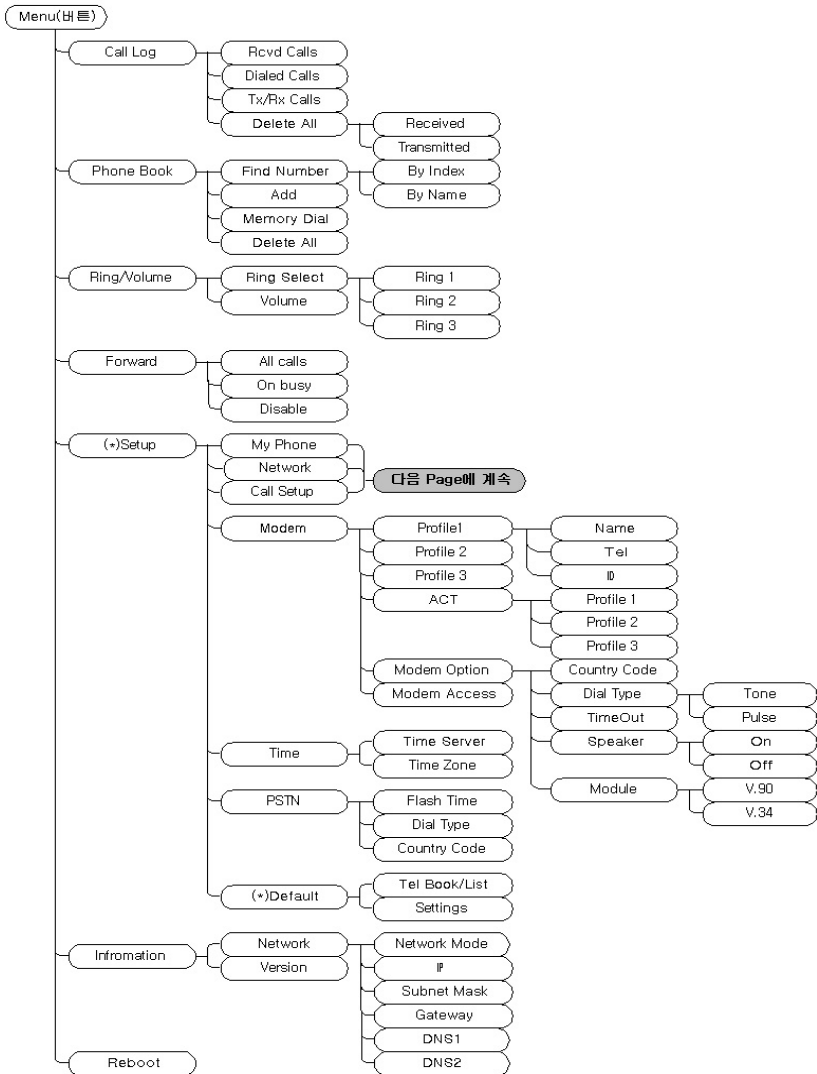
#. When using the Forward menu, be careful of:

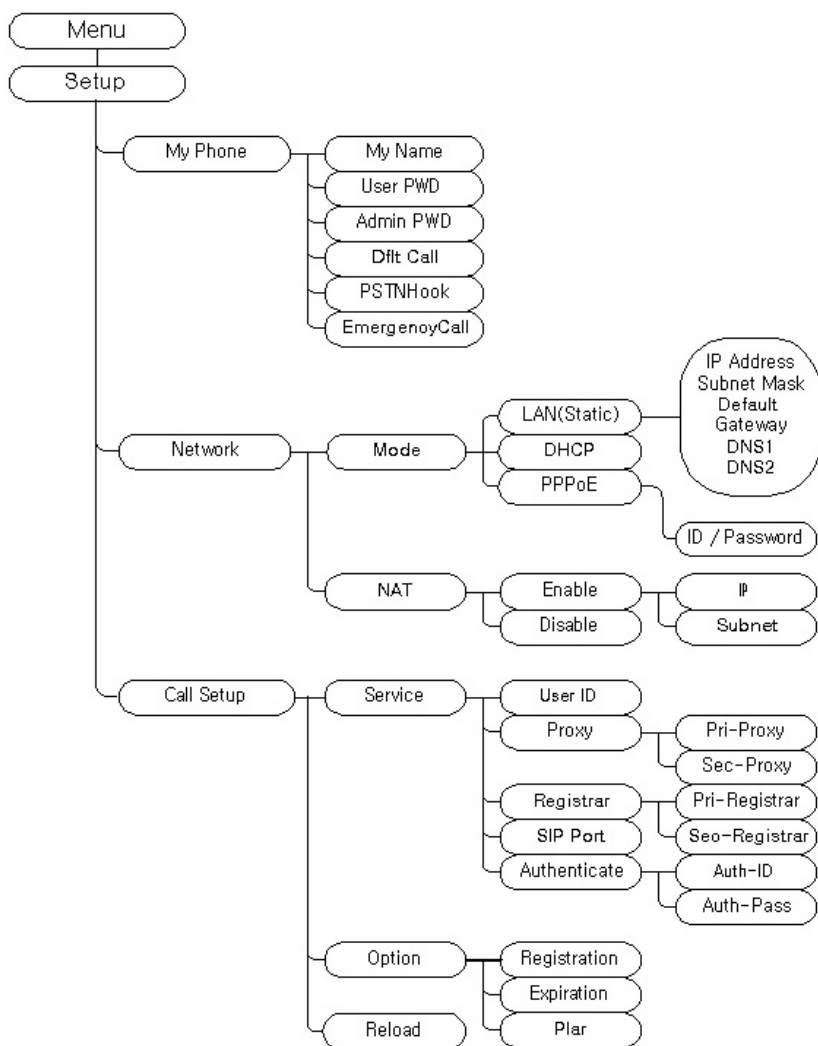
1).All calls: all received calls are forwarded to a previously configured number.

2).On busy: all received calls are forwarded to a configured number when the line is busy.

3).Disable: Disables the Forward function.

3.2 LCD Menu Components





3.2.2 Call Log

- The call record can be reviewed.
- Call Log stores up to 100 call data with the oldest call information being erased first.
- Recv Calls allows for visualization of the received calls.
- Dialed Calls allows the user to view data on placed calls.
- Tx/Rx Calls allows for simultaneous visualization of placed and received calls.
- Delete All allows for deletion of all placed or received calls.
- Picking up the received while viewing data from calling records will result in a call being placed to the number being viewed.
- A “View/Delete” menu will appear upon pressing the menu button while viewing the call list.
- Press “Delete” to erase the corresponding records.
- Press View to see more detailed information (call date/time/length etc).
- Pressing the ‘OK’ button instead of the menu button will allow for viewing of detailed information as well.
- Pressing the right/left directional keys while viewing detailed information will allow the user to check other types of data.
- Pressing the up/down directional keys while viewing the detailed data allows the user to check information on a different number.

3.2.3 Phone Book

- Telephone numbers can be saved and viewed in this menu.
- Up to 100 numbers can be saved.
- “Find Number” is a menu, which allows the user to search for numbers “By Index” and “By Name”.
- Use the directional keys while searching to find the number with ease.
- Picking up the receiver while searching for a telephone number will result in a call being placed to that number.
- The “Edit/Delete” menu will appear if the menu button is pressed while performing a search.
- Pressing the “Edit” button allows the user to change saved data.
- The “Delete” menu allows the user to erase selected data.
- “Add” allows for entry of a new number.
- When entering new data, empty spaces are searched for automatically; the user can search for an empty slot manually when desired.
- The same data can be entered repeatedly.
- Up to three numbers can be saved in Memory Dial.
- The numbers entered correspond to the M1/M2/M3 buttons on the keypad.
- Pressing any of the M1/M2/M3 buttons will result in a call being placed to the corresponding number.
- “**Delete ALL**” results in the deletion of all the numbers saved in the Phone Book. This function requires the user password.

3.2.4 Setup → MyPhone

- [Setup→MyPhone→Name] The user can edit the name that appears on the LCD.
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3.2.5 Setup→Network

- [Setup→Network→Mode→ LAN (Static)] Configure in the case that the Internet connection network is Static (Fixed IP).
- [Setup→Network→Mode→ DHCP] Configure in the case that the Internet connection network is DHCP (Dynamic IP).
- [Setup→Network→Mode→ PPPoE] Configure in the case that the Internet connection network is PPPoE (Fixed IP).

3.2.6 Setup→Call Setup→Service

- [Setup→Call Setup→Service→User ID] This is a menu for configuring the User ID.
- [Setup→Call Setup→Service→Proxy] This menu is for configuring the Primary Proxy, and Second Proxy addresses.
- [Setup→Call Setup→Service→Registrar] This menu is for configuration of the Primary Registrar, and Second Registrar.
- [Setup→Call Setup→Service→SIP Port] This menu is for configuring the SIP Port.
- [Setup→Call Setup→Service→Authenticate] This menu is for configuration of the Authenticate ID/PW.