D312I IP PHONE

Quick Installation Guide

WARNING: Please DO NOT power cycle the D312I during system boot up or firmware upgrade, you may corrupt firmware images and cause the unit to malfunction.

WARNING: Use only the power adapter included in the D312I package. Using an alternative non-qualified power adapter may possibly damage the Unit.

Overview:

D312I IP Phone is a stand-alone device, which requires no PC to make international calls. It is fully compatible with SIP industry standard and can inter operate with many other SIP compliant devices and software in the market. Its stability, easy operation, practicality and other aspects are incomparable.

Equipment packaging

Unpack and check all accessories:

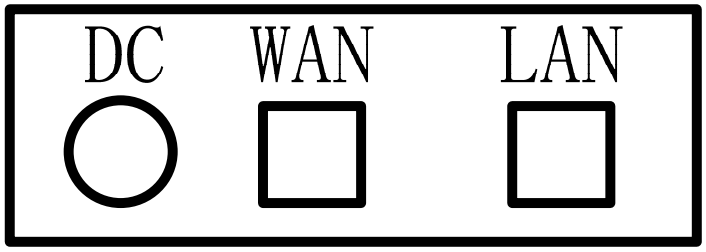
The D312I IP Phone package contains

1. One D312I Main case
2. One Handset
3. One Phone cord
4. One Universal Power Adaptor
5. One Ethernet Cable
6. One Quick install User Guide.

Installation

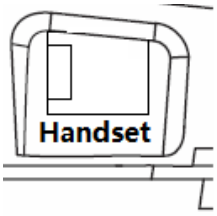
1. Connect the handset and main phone case with the phone cord.
2. Connect the WAN port of the phone to the RJ-45 socket of hub/switch or a router using the Ethernet cable.
3. Connect the DC output plug to the power jack on the phone; plug the power adapter into an electrical outlet.

Figure 1: Connectors on D312I



DC	Connect to Power Supply
WAN	Connect to Ethernet cable
LAN	Connect to PC or other network equipment

Figure 2: Handset interface

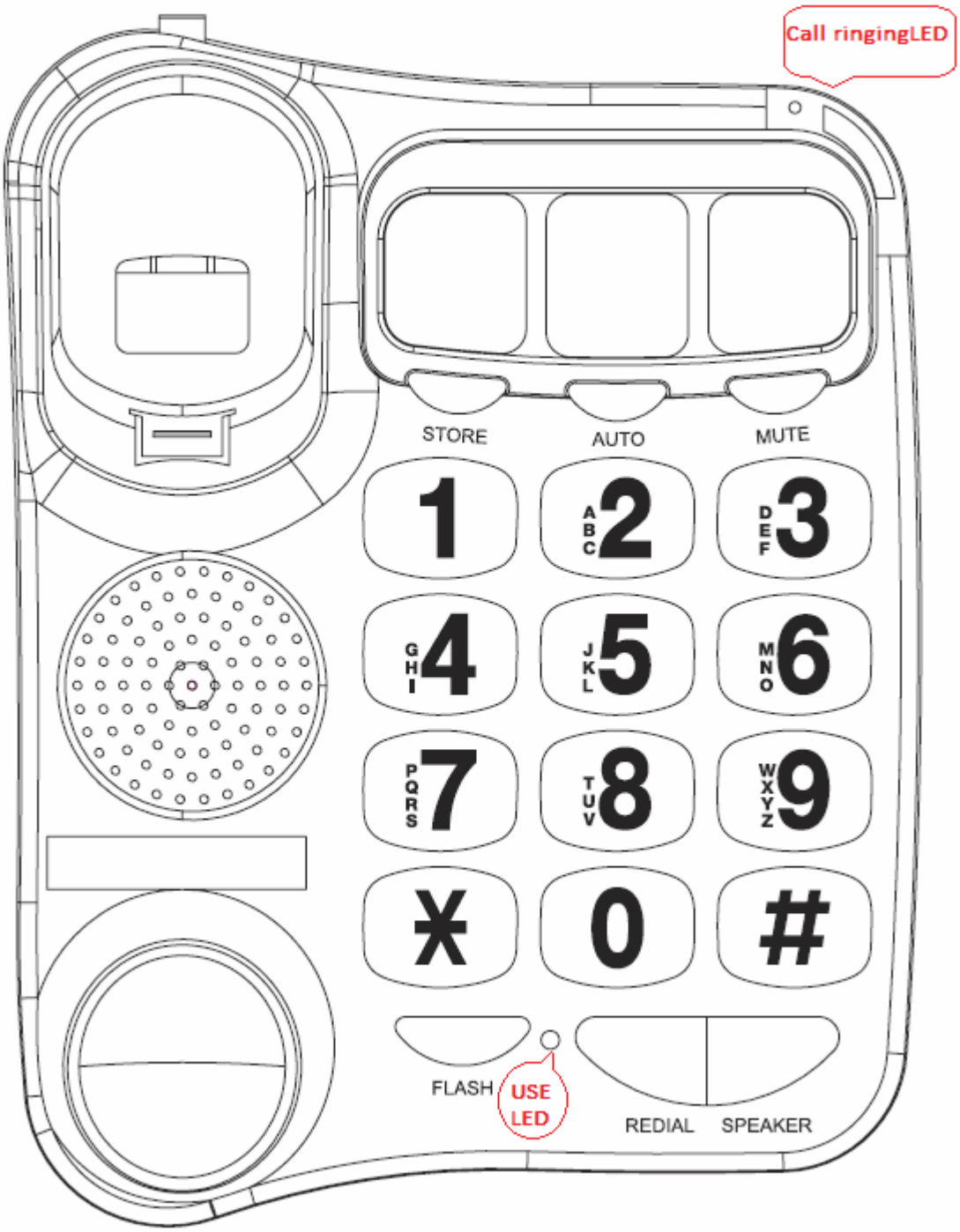


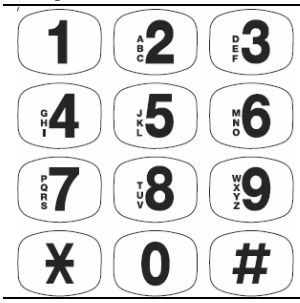
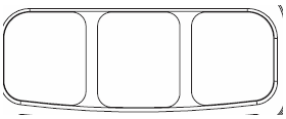
Handset	Connect to Handset

Figure 3: Volume control

VOL	Volume control (HI MID LO)
RINGER	Ringer control (HI MID LO)

Figure 4: General appearance


Call ringingLED
STORE
AUTO
MUTE
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0
#
FLASH
USE LED
REDIAL
SPEAKER

Key Button	Key Button Definitions
	Digital, star and pound keys are also used for setting and call process.
	Memory key
	Store key
	Auto key
	Mute key
	Flash key
	Redial key
	Speaker key

LED	LED Definitions
Call Ringing	Calls ring indicator
Use	Muting and talking instructions

Configure the phone using the keypad

✧ **One Key memory store (M1,M2,M3)**

Pick up handset or press 【**SPEAKER**】 button, then press button【**STORE**】, enter the telephone number you want to keep, press one key store button 【**M1 | M2 | M3**】, the busy tone you will hear then put back the handset or press the 【**SPEAKER**】 button.

✧ **Two key memory store(auto + <0-9>)**

Pick up handset or press 【**SPEAKER**】 button, then press button【**STORE**】, enter the telephone number you want to keep, then press the auto key ,then press one number key 【**0~9**】, the number you want to keep can be found via this number, after you press the number key you will get the busy tone from the phone, then put back the handset or press the 【**SPEAKER**】 button.

✧ **Mute**

During the call session, when you press the【**MUTE**】 key the phone will in the

muted status, the 【**USE LED**】 will blink, Press again the phone will resume to normal, and 【**USE LED**】will also stop blink and resume to always on status.

✧ **Reset IVR**

Pick up handset or press 【**SPEAKER**】 button, then press button【**AUTO**】and 【*****】, telephone will enter into the RESET IVR menu, you will hear “enter pin”, Input the default reset pin “00000000”,then telephone will reboot.

Make a call

✧ **Normal Call**

Pick up handset or press 【**SPEAKER**】button, then dial the desired numbers.

✧ **One Key Speed Dial Call**

Pick up handset or press【**SPEAKER**】button, then press【**M1 | M2 | M3**】 to quickly call the stored user.

✧ **Two Key Speed Dial Call**

Pick up handset or press 【**SPEAKER**】button, then press【**AUTO**】and 【**0~9**】to quickly call the stored user.

✧ **Direct IP Call**

Pick up handset or press 【**SPEAKER**】button, then dial desired IP address.

Note: star【*】key as the point.

For example: the IP address is 192.168.0.8, off hook dial 192*168*0*8 and dial 【#】to send it or wait a moment it send automatic.

Transfer Call

For the call transfer, we use three phones to demo the operation; all these phones register to the same server. (Phone A: D312I, phone B, C: also D312I or other IP phone)

✧ **Blind Transfer**

IP phone A Call B, B answer the call, after this, phone A press【**FLASH**】button, then B is held, and A get another dial tone, A input the number of C, and press【**AUTO**】button, C will ring and A get the busy tone, by now, the blind transfer is successful.

✧ **Half Attend Transfer**

IP phone A Call B, B answer the call, after this, A press 【**FLASH**】button, then B is held, and A get another dial tone, A input the number of Phone C and then dial【**#**】to send the number or wait for the timeout the number will be send automatic, after this , A get the ring back tone , C is ringing , at this time C do not answer and A press 【**AUTO**】button. A get busy tone and exit the call session, by now the Half Attend Transfer is successful.

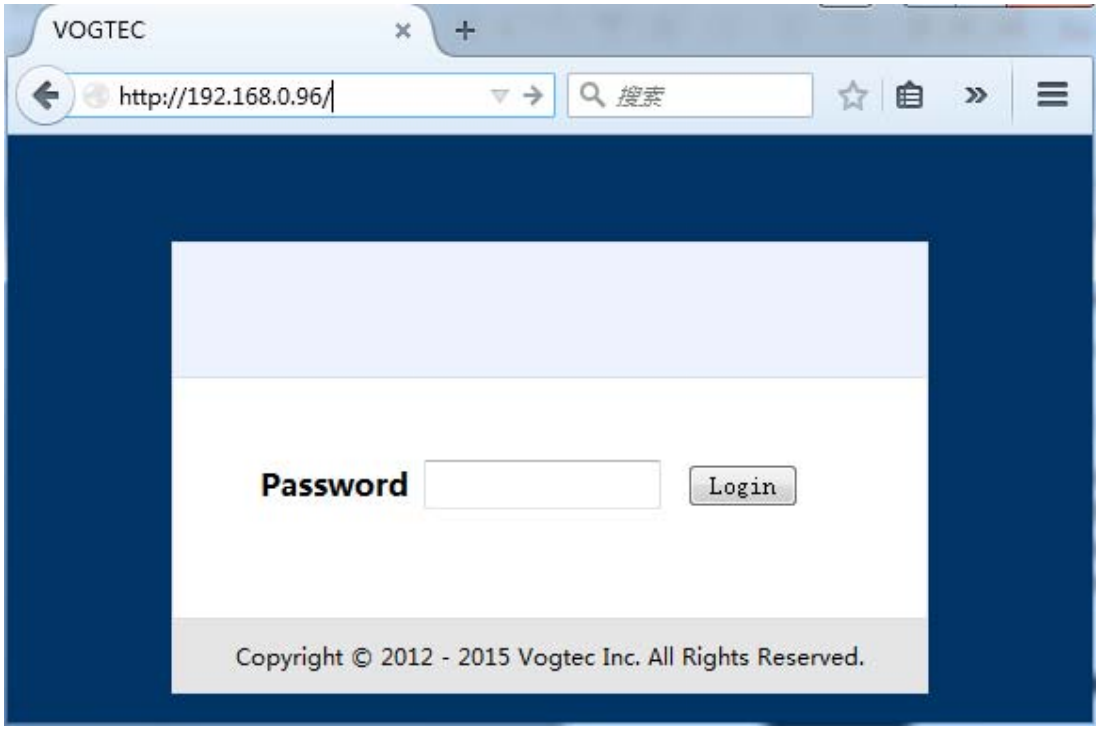
✧ **Attend Transfer**

IP phone A Call B, B answer the call, after this, A press 【**FLASH**】button, then B is held, and A get another dial tone, A input the number of Phone C and then dial【**#**】to send the number or wait for the timeout the number will be send automatic, after this, A get the ring back tone, C is ringing , at this time C answer the call and A press 【**AUTO**】button. A get busy tone and exit the call session, by now they Attend Transfer is successful.

Configuring the D312I using a web browser

1. Ensure your phone is connected to the Internet and the power socket.
2. Pick up handset or press 【**SPEAKER**】 button get the dial tone and then press 【**AUTO**】and【**#**】 IVR will tell you the current Network parameters.
3. Using a PC on the same network, type the IP address (you listened at last step) in the URL of your browser.

Figure 5: login web page



4. Input the default administrator password “admin” (also you can login use the user default password “user”, user can have a browse of system.)

Figure 6: web page after login

To configure the phone via the web browser, you will need the following information:

- SIP server and/or Outbound Proxy FQDN or IP address

- User subscriber information: User ID, Authentication ID, Password (provided by your VoIP service provider).
- Please contact your ITSP for additional setting that may be necessary to configure the phone.

Note:

- After you finish your setting, you can just click the apply button on the web page, then Phone will save the setting automatically and new setting will take effect. Also you need know that when you change the local port and protocol type, new setting take effect need the phone to reboot.