Premium 50

CE

USER MANUAL

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General

- Standard configuration of 1 VoIP account

- IPv4 / IPv6

- WAN port and LAN port

- Only PoE

Server Compliance

- Asterisk / Broadsoft / Alcatel / NEC / Avaya basic call features supported

Codecs and Voice Features

- Wideband codec: G.722

- Narrowband codec: G.711µ/A, ILBC, G.729

- VAD, CNG, AEC, PLC, AJB, AGC

Content

Installation

1. Unpack the box and check for the following items enclosed:
    a. Main unit with built-in magnetic hook switch
    b. Handset
    c. Handset cord
    d. RJ45 Ethernet cable
2. Connect the handset to the base unit using the coiled handset cord provided
3. Connect one end of the Ethernet cable to the WAN port of the main unit, and the other end to the wall Ethernet outlet

Wall position
Align slot of wall mounted bracket over the 2 screws. Gently pull down the phone until it is held by the 2 screws.

Drilling points 100 mm

Screw ST4 25 mm
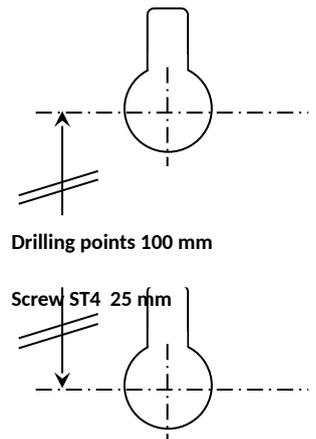
Phone starting

The Premium 50 SIP comes with the DHCP mode selected.
You can configure the phone only if this one acquired a dynamic IP address.

So a DHCP server is required on the LAN. If necessary, download on internet a DHCP free software (e.g. "tftpd32") and install on your PC to configure the Premium 50 SIP.
Be sure that your PC is connected to the same VLAN with the phone.

After the DHCP server allocated an IP address to the Premium 50 SIP, if you pick up the handset you can hear a tone. The configuration page can be accessed via your web browser by entering the phone IP address.

If necessary, please consult your network administrator.

To discover the phone IP address

1. Lift the handset
2. Hear the dial tone
3. Press * 1 2 3 4 5 #
4. Listen to the IP address being announced by the handset receiver

Keypad mapping
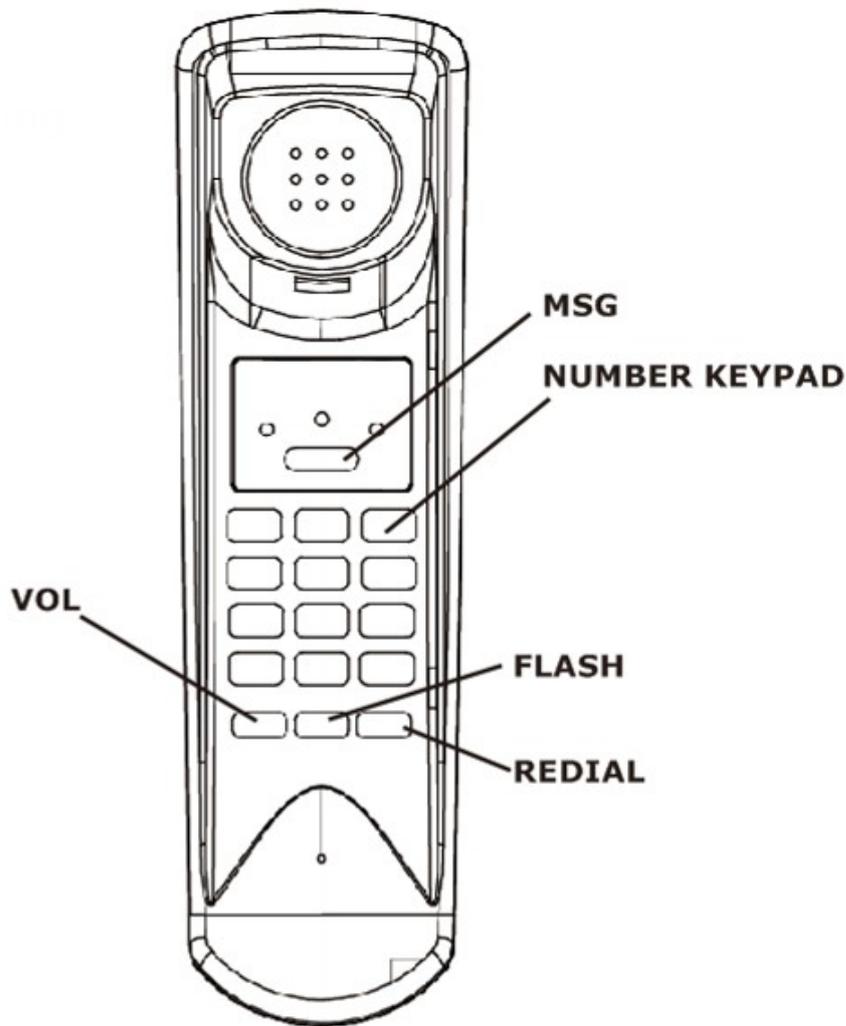
Figure 1 – Premium 50 SIP Keypad mapping

Call Operations

A. Initiating a call

1. Lift up the handset.
2. Listen to dial tone.
3. Press the desired number on the keypad and wait for 5 second or press "#" to dial out.
4. To end the call, place the handset back on the cradle in the base unit.

B. Answering a call

When there is an incoming call to the phone, an audible ringing sounds to alert the user and LED on the handset top flashes.
1. Lift up the handset to answer the call.
2. To end the call, place the handset back on the cradle. The LED will turn off.

C. Redial

1. Lift up the handset.
2. Press REDIAL button.

D. Ringer volume - Handset volume

1. Go on the web portal (cf. page 8), go to "Phone Settings" and adjust the volume settings (see Figure 2).
2. Press the "VOL" button to increase the handset volume.
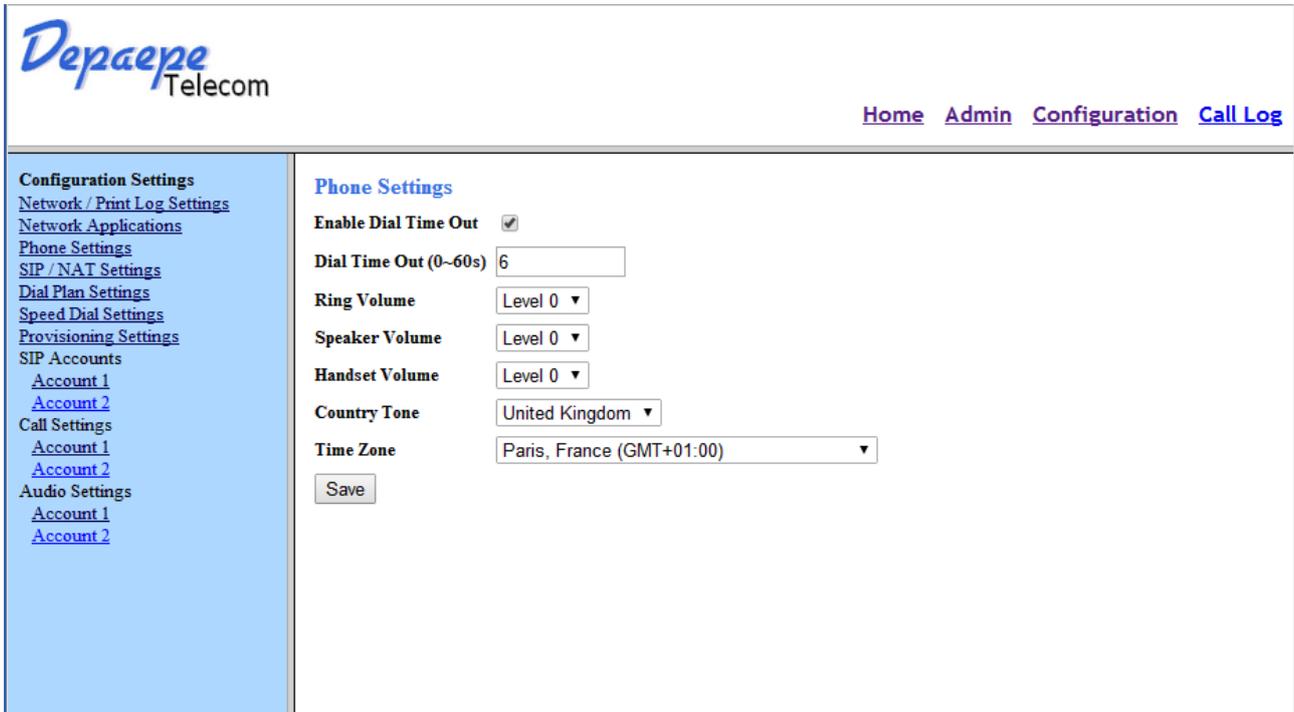
Figure 2 - Phone Settings page on Web Portal

E. Call Flash

1. During a call, press the "FLASH" button.
2. The previous conversation is automatically put on-hold.
3. Wait for the dial-tone.
4. To transfer the call, simply press the desired number on the keypad and wait for 5 seconds or press "#" to dial out immediately.

F. Call Hold

1. During a call, press the "HOLD" button.
2. The third party of the call is now put on-hold. Hold music is generated by the PBX to the other end.
3. To deactivate the call-hold, press the "HOLD" button again.

G. Programmable Memory Button and Emergency Call Number

1) The Premium 50 SIP has 1 programmable memory button: the "MSG" button located above the keypad.
   To use this memory button, lift the handset and simply press it once. The number will be immediately dialed out.

2) The other corresponds to the preconfigured number for emergency call.
   To make an emergency call, lift the handset and wait for a predetermined number of seconds. The number will be automatically dialed out.

Storing a number for hotkey and emergency call
1. Go to the Web Portal (see page 8), go to the "Configuration" and "SIP / NAT Settings".

2. Fill in the entries for Memory key, Emergency Call Number and Emergency Call Timeout (see below)
3. Remember to press save at the bottom of the page, when you are done.
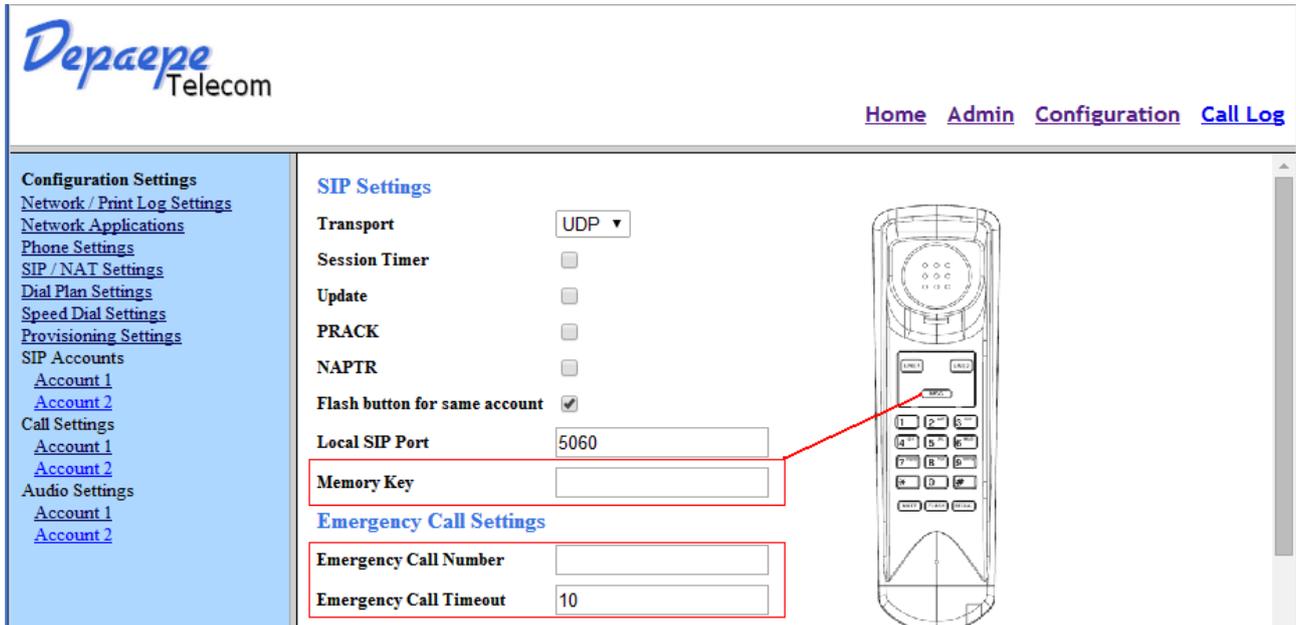
Figure 3 - Memory Key and MSG Key setting on Web Portal

H. Message Waiting Lamp (MWI)

When a message is received at the voicemail box, the LED on the back of the handset goes up and flashes periodically.

The mailbox access number can be programmed to the memory key. Refer to Section G - Programmable Memory Key and Emergency Call. When it is configured properly, users can lift up the handset and press the memory key to access the mailbox.

Web Portal

The Premium 50 SIP Web Portal can be accessed by Google Chrome, Internet Explorer and Mozilla Firefox.

A. To log in

Enter **http://< IP Address of the phone >** on the browser.
Login name and password are as follows,
username : admin
password : admin
The welcome page shows the hardware version and firmware date code of the model (see below).

Figure 4 - Welcome page of the Web Portal

(A.1) Logout

When done, remember to logout completely.
Clear the cache / cookie of your web browser so that the previous login is not re-cycled by the next user.

B. To set login password for web portal

It is recommended for administrators to change login name and password to enhance security.
1.   Click on the "Admin" link at the top right corner of the page
2.   On the left panel, find the "Set Password" link and press on it.
3.   Enter username for login name
4.   Enter password and re-enter for confirmation purpose
5.   When the mask password box is checked, both password entries are masked. To un-mask, simply un-checked the mask password box.
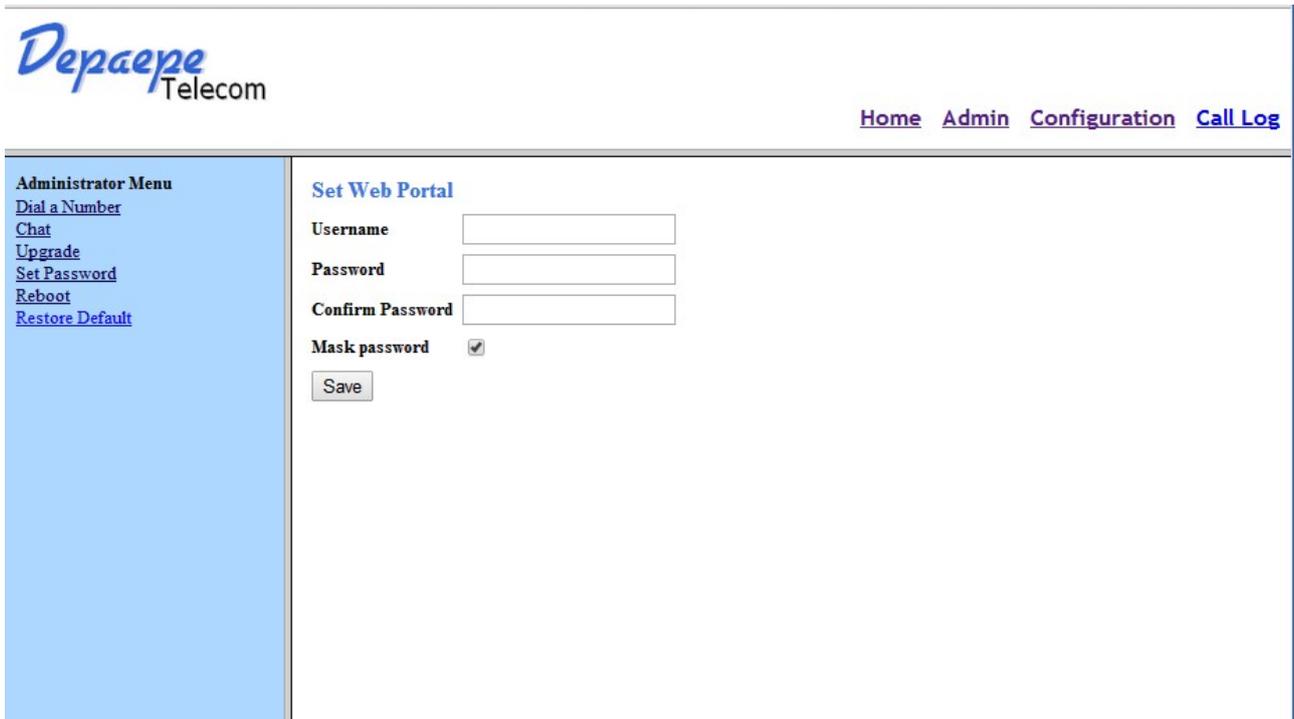
Figure 5 - Set Password for accessing the Web Portal

C. Network settings

Administrators may choose to operate in either dynamic IP environment and static IP environment.

1. Go to Configuration page.
2. On the left panel, click on the "Network / Print Log Settings" link
3. After making changes, click save at the bottom of the page
4. A pop-up window appears, you may choose between "*back*" and "*restart*"
5. In order to have the changes take effect immediately, click "restart"
6. You can always preserve the changes and decide to restart the phone at a later time

Figure 6 - Network Settings page on Web Portal

D. SIP Account settings

Parameters for Session-initiation-protocol (SIP) such as registrar address, proxy address, port etc. can be found in the "SIP Accounts" section on the Configuration page.

1. Go to Configuration page
2. On the left panel, under "SIP Accounts", click on the "Account 1" link
3. Enter the SIP registration particulars for Account 1
Note that you have the flexibility of registering to one server per account
4. When done, click **Save**
5. The changes take effect immediately
6. Proceed to complete the entries for Account 2

Figure 7 - Account Settings page on Web Portal

Parameters for <u>Call settings</u> for each account can be found under the title, "Call Settings", on the left panel. Such parameters include:
- Call Forward Mode
- Call Waiting activation / deactivation
- DND (Do Not Disturb) activation / deactivation
- Auto-Answer activation / deactivation
- HIDE ID activation / deactivation.
- Reject anonymous activation / deactivation.

Parameters for <u>Audio settings</u> for each account can be found under the title, "Audio Settings", on the left panel. Such parameters include:
- DTMF mode (in-band / RFC2833 / SIP INFO)
- SRTP Mode.
- Silence Supression.
- Jitter
- Packetization Time.
- Audio Codec preference (PCMU / PCMA / G.722 / G.729 / G.726 / iLBC)
- ToS

After, click on "Save".

E. Other settings

One-touch memory key and mailbox number key can be found in the "SIP / NAT Settings" section. Also, administrators can set parameters for Network-Address-Traversal (NAT) if required by the network environment in which the phone is deployed.

1. Go to Configuration page
2. On the left panel, click on the "SIP / NAT Settings" link
3. Enter the memory key number, message key number and NAT entries
4. When done, click **Save**
5. The changes take effect immeidately

Figure 8 - Memory key and NAT settings page on Web Portal

F. Firmware upgrade and user configuration backup / restore

The firmware of the phone can be provisioned remotely.
Administrators can do so easily on the Web Portal.
Browsers that support this function include Internet Explorer and Mozilla Firefox.

1. Go to the "Admin" page
2. On the left panel, click on "Upgrade" link. See Figure 9
3. Click on "Choose File" button and browse for *vmlinuz*
4. Click Upload
5. A progress bar appears. See Figure 10. There may be some seconds when it temporarily disappears. **Important: Do not unplug the power or Ethernet connection**
6. The whole progress takes approximately 55 seconds.
7. When complete, the browse brings you to a new page and shows a confirmation. See Figure 11.
8. The phone power-cycles itself and comes back to run in the new firmware

If the upgrade fails, disconnect the base from the Ethernet and re-connect it in order to trigger a power-cycle. Redo the firmware upgrade procedure.
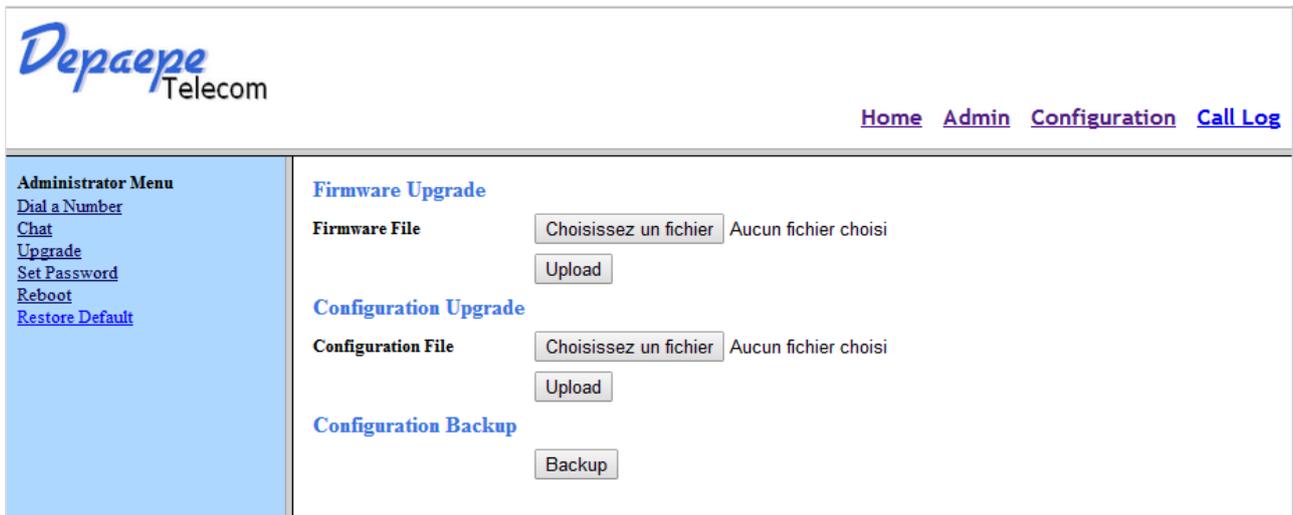
Figure 9 - Firmware upgrade, User Configuration Backup / Restore on Web Portal
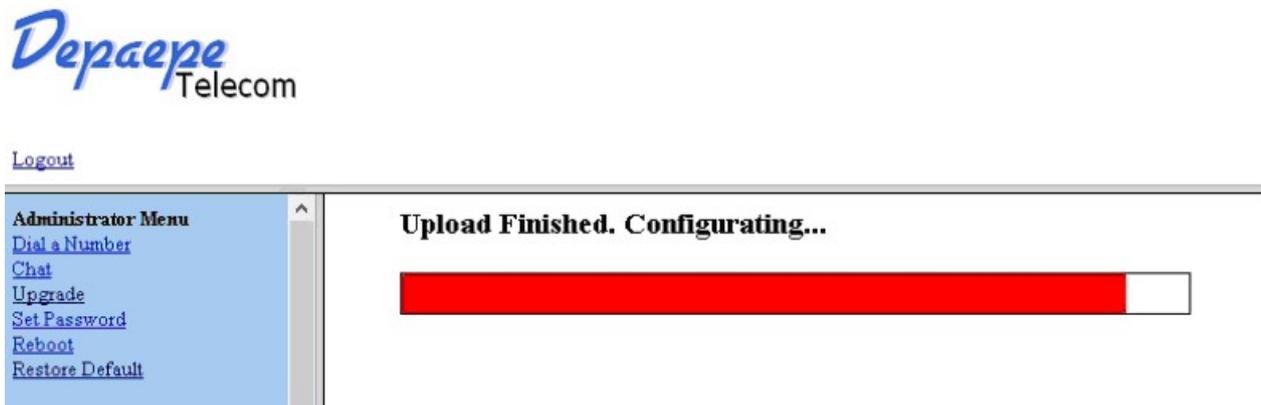
Figure 10 - Firmware upgrade progress bar. Do not disconnect power or Ethernet cable
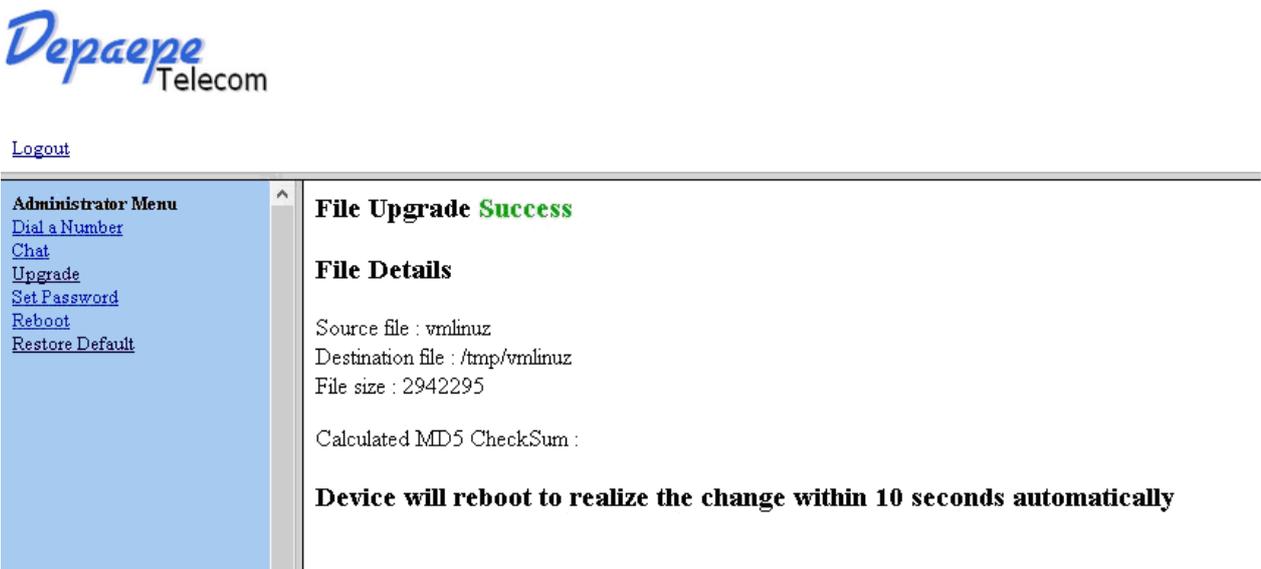
Figure 11 - Firmware upgrade confirmation

Declaration of conformity

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Locality : SANNOIS	Postal code: 95110

Product identification:
- Family : Telecommunications Terminal Equipment
- Type : IP/SIP Telephone set
- Model : PREMIUM 50 SIP
- Other information : compact phone

We, Henri Depaepe SAS, hereby declare that this product is in conformity with the essential requirements and other relevant provisions of the R&TTE directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity, as well as the harmonised standards :

For health and safety : ………………..……………. EN 60950-1 : 2006
For electromagnetic compatibility : …….……… EN 55022 : 2006 +A1 : 2007 Class B
and EN 55024 : 1998 +A1 : 2001 +A2 : 2003
For public communications network connection : TBR 37 (21) and TBR 38

Made in China

This product complies with :

- European Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

- European Directive 2002/96/EC on waste electrical and electronic equipment. (WEEE). This marking indicates this product should not be disposed of with other household wastes at the end of its working life to prevent possible harm to the environment or human health.

Please contact your supplier, your local government office or our commercial department to dispose of it in an approved recycling centre.

Warranty and after sales service

Make sure to use this product in accordance with all operations described in this user manual. Any misuse may be hazardous for this product or for your health.
For your security and to avoid damaging the product, we recommend that you read this user manual carefully.
In addition :
● never use this product during thunderstorms

Note: Depaepe may void the warranty if no attention has been paid to these points…

Depaepe Telecom warrants that this product will be free from defects in workmanship and materials for a period of one year from the date of purchase.
The obligations of Depaepe Telecom, under this warranty shall be limited to the repair or replacement (at our option) during the warranty period, of any part that proves defective in material or workmanship under normal installation, use and service, provided the product is returned to Depaepe Telecom, freight prepaid. Replaced parts may be new parts or include new components. If the unit itself is replaced, it can be exchanged by a repaired second hand unit of the same look and finish (color).

Out of warranty policy
Depaepe Telecom does not warrant that these phones will perform perfectly with all the equipments available on the market. The warranty only applies if the product is installed and used as specified in this user manual and in particular with respect to the minimum and maximum electrical voltage and current specifications.
This warranty shall be invalid if the product is damaged as a result of misuse, abuse, neglect, accident, exposure to improper electrical voltages or current, repair, alteration or maintenance by any person other than the Depaepe Telecom service facility.
Depaepe will not warrant consequences due to "Acts of God" such as weather storms, floods, earthquakes, fires or firestorms or acts of war, riots, etc.

Warranty and repair service
Phone : +33 (0) 1 30 25 81 74.
Products purchased from an installer or from a distributor should be returned to them to be forwarded to us.
All products returns should be sent prepaid with a copy of our original delivery note or a copy of the original invoice for tracing purposes at the following address:

SAS HENRI DEPAEPE
75/77 Rue du Pré Brochet
BP 80107
95112 SANNOIS Cedex (France)

Repaired or exchanged units will be shipped back at our own cost. In all other cases a repair cost estimate will be issued and repairs will be completed once accepted.