

WF400

User Manual

V1.2



Revision Record

Version	Date	Description	Applicability
V1.0	2010-6-8	The first edition	
V1.1	2010-11-1	The second edition	Firmware version:1.0.4
V1.2	2010-11-12	The third edition	Firmware version:1.0.5

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1 Basic Information

1.1 WF400 at a Glance



Front, Back and Side views

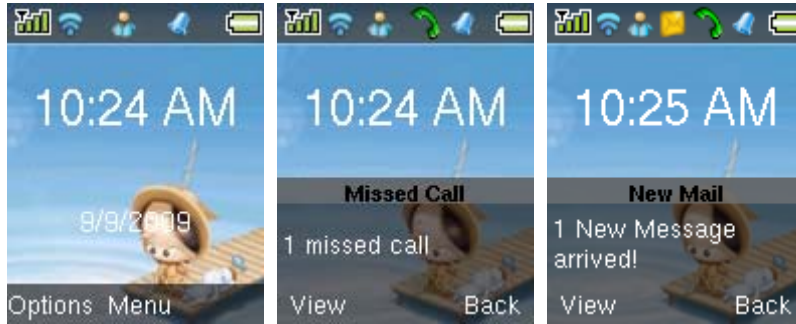


Product view

1.2 Names and Functions of the Keys

Key Name	Icon	Description
Dial Key		Used for receiving and making calls.
Hang-up Key		Used to end a call and to switch the power on/off when a long-time press.
Left Soft Key		Functioned as the left screen menu informed.
Right Soft Key		Functioned as the right screen menu informed.
"i" Key		Used to open a browser.
MUTE Key		Mute setting
Navigator Keys		"OK" Key is used to confirm, and others are used to support navigation. Under home screen, "UP" Key is used to search AP, "DOWN" Key is used to call user defined function, "RIGHT" Key is used to send a message, and "LEFT" Key is used to set alarm clock.
Clear Key		Used to remove characters or figures entered, or move back to the previous screen.
Volume Keys		Used to adjust the volume.

1.3 Descriptions of Icons



Home Screen

The main screen (size: 128*160) could be divided into 3 parts: Title Bar, Home/Call Screen and Context Bar.

Title Bar

(size: 128* 24)

Battery Status



RF Sensitivity



Registration Status



Online / Offline

Incoming Messages



Missed Calls



Alarm Clock Status



Background



Default or custom wall paper

Home/Call Screen

(size: 128 * 122)

Number of missed calls

Number of new messages

Time

9:25AM

Date

9/9/2009

Left soft key Button

Options

Context Bar

(size: 128 * 14)

Select key Button



Menu

Right soft key Button

2 Basic Operations

2.1 Switch the phone on or off

To switch your phone on:

- Press and hold  for 2 seconds to turn the phone on. The phone will then display a welcome image.
- Press and hold  for 2 seconds to turn the phone off.

2.2 Phone Menu



Main menu in grid-browser



Settings



Call History



Calculator



Messages



Contacts



Calendar



Web browser

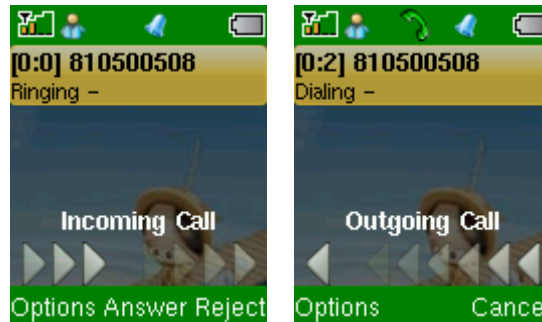


Clock



TV


2.3 Call



Call Screen

2.3.1 How to make a phone call


Phone calls can be made directly, via speed dial or by dialing a contact as follows.


To dial: enter the number then press .

To dial a contact: enter the first few letters of their first or last name, then highlight and select the contact's number from the list.

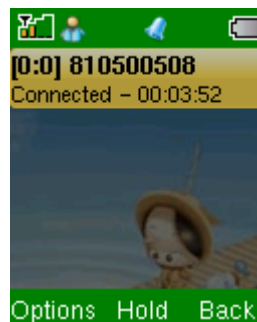
2.3.2 How to answer a phone call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Press  to answer the call

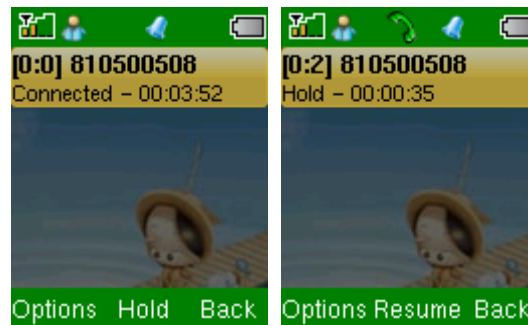
Press  to end the call.

2.3.3 During a call



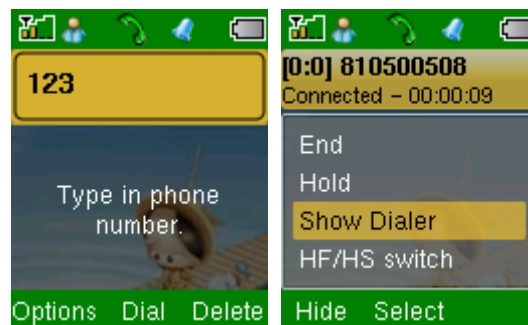
During calls, the current call number and the elapsed time and some options are shown.

2.3.3.1 Call Hold/Resume



While in conversation, pressing **Hold** will put the remote end on hold. Pressing **Resume** will release the previously Hold state and resume the bi-directional media.

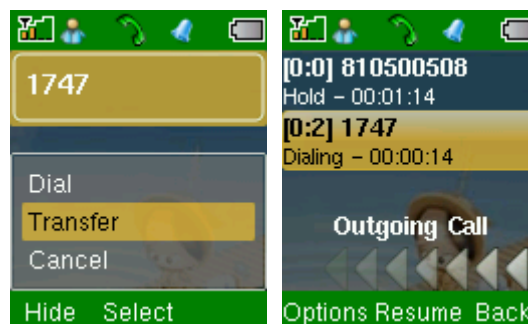
2.3.3.2 Second Dial



When the call is established, you can press keypad directly for second-dial, or **Options->Show Dialer**.

2.3.3.3 Call Transfer

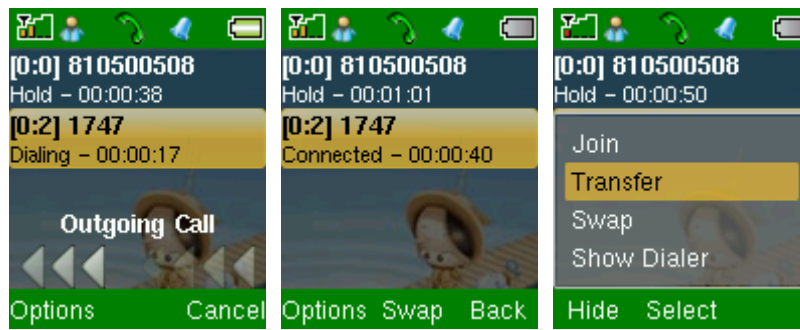
Two transfer operations are supported.



Blind Transfer: User can transfer an active call to a third party without announcement.

At first, A talk with B.

- (1) A input C phone number, then A press **Options->Transfer**, B will talk with C.
- (2) A will talk with B if B do not talk with C successfully.



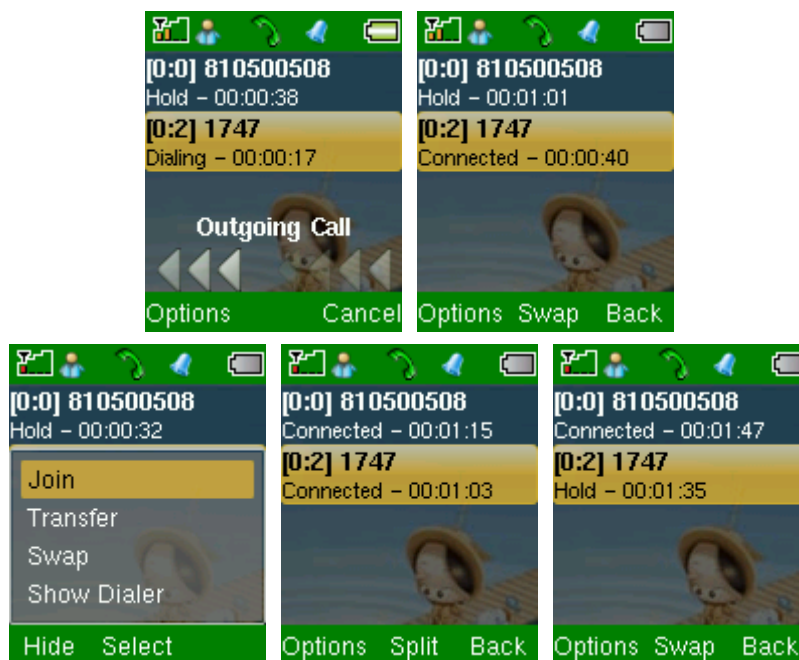
Attended Transfer

At first, A talk with B.

- (1) A press **Hold** to hold B, A will hear dialing tone and input C phone number. A will talk with C if C pick up handset.
- (2) A press **Options->Transfer** to make B talk with C. At the same time, A hook on.
- (3) A will talk with B if B do not talk with C successfully.

Note: A should not hook on quickly, in order that A can talk with B if B do not talk with C successfully.

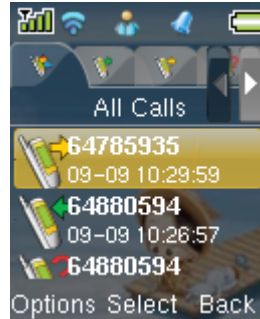
2.3.3.4 Three Way Conference




1. Assuming that call party A and B are in conversation. A wants to bring C in a conference;
2. Party A presses **Hold** and put the party B on hold. At this time, party A will hear a dial tone again;
3. A dials C's number to make the call, If C answers the call, then A presses **Options->Join** to bring B, C in the conference;

4. If A press **Split**, the selected party will be hold;




2.3.4 Call History



Call History Screen

Call history is invoked by pressing  from the home screen and displays the last 50 calls. If a number is in **Contacts** then the icon shows its name and type (home, mobile, etc).

Use the **Right Key** to display.

-  Outgoing calls
-  Incoming calls
-  Missed calls

Highlight and select a call to view more details of its history. *View Call History* displays details of a particular call, including the time and date when it was dialed, when it ended as well as its total duration.

2.4 Contacts

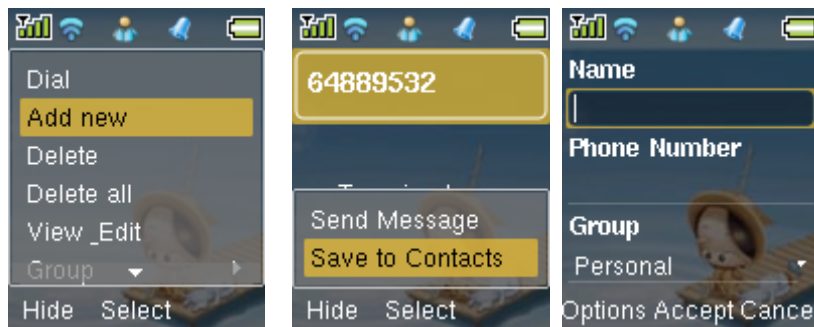


Contacts Screen

Contacts is used to store and retrieve names, SIP account and other details for people you want to keep in contact with. The simplest use of Contacts to find and dial a contact is as follows:

- To find contact: enter the first few letters of the name.
- To dial a contact: highlight their number then select.

2.4.1 Add a contact



Add or Quick Add a Contact

Press **Options** button and select **Add new**. This displays the input record for the new contact.

Enter as much information as you wish (you can always add more later).

The contact also could be added by inputting the phone number in home-screen, and then pressing **Options** button and select **Save to Contacts**.

2.4.2 View a contact



View a Contact

Highlight the contact you want to view in the list and press **Select**. This displays the detailed record. Use the menu or the toolbar to edit or delete the contact, or access other options.

2.4.3 Delete a contact

To Delete an existing Entry:

- View the contact to be deleted.
- Press **Options** and select **Delete** from the menu.

2.4.4 Edit



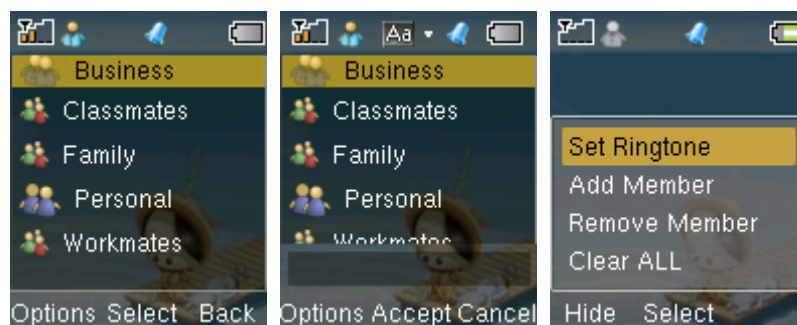
General:

- **Name:** shows on contact list.
- **Phone Number:** contact's phone number.
- **Group:** two choice, Business/Personal.

Business: Phone number.

Personal: Phone number.

2.4.5 Group settings



You can manage the contacts group here.

2.4.6 Finding and dialing Contacts

To find a Contact:

- Enter the text you want to search for.
- Contacts matching the text are displayed in the list.

To dial a Contact:

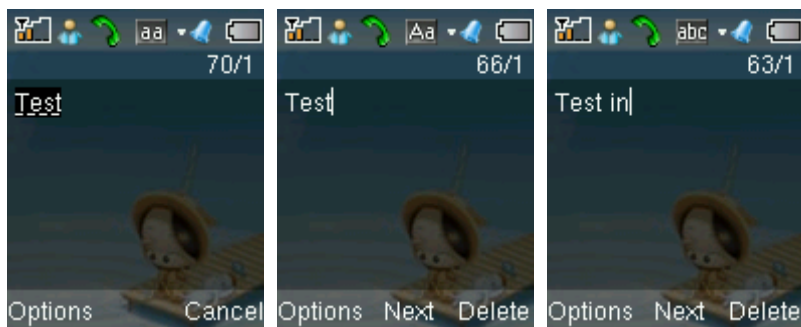
- Highlight the required contact and select.

2.4.7 Auto Dial

If you have number in your Settings->Call settings->Auto Call/Reply->Hot Line ,the Auto Dial will dial the phone number every 25s. Press the Hangup key at anytime if you want to stop it.

2.5 Text Entry

2.5.1 Input English



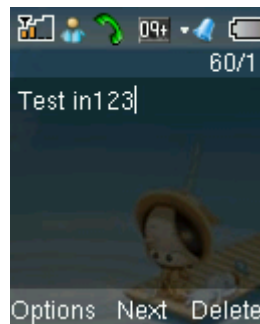
Press the keypad directly when the cursor is in some area which need English input. You can change the input method hint by **holding** the “*” key, and change the letter case by **pressing** the “0” key.

Aa/aa : based on T9;

ABC/abc: MultiTap

+09: digit number (you can also input number by **holding the number key in other hints.**)

2.5.2 Input Number Characters



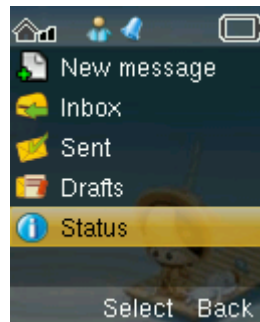
Hold the “*” key to change the hint to “+09”, or **hold the number key in other hints.**

2.5.3 Input Special Symbols



Hold the “#” key when the input method hint isn’t “+09”, a symbol container will be popped up.

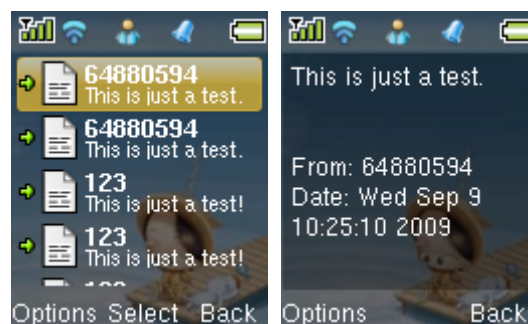
2.6 Messages



Messages main Screen

The Messages application allows you to send and receive SMS messages on your phone.

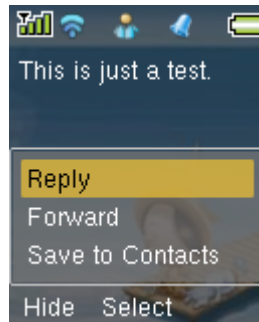
2.6.1 Reading Messages



Reading Messages

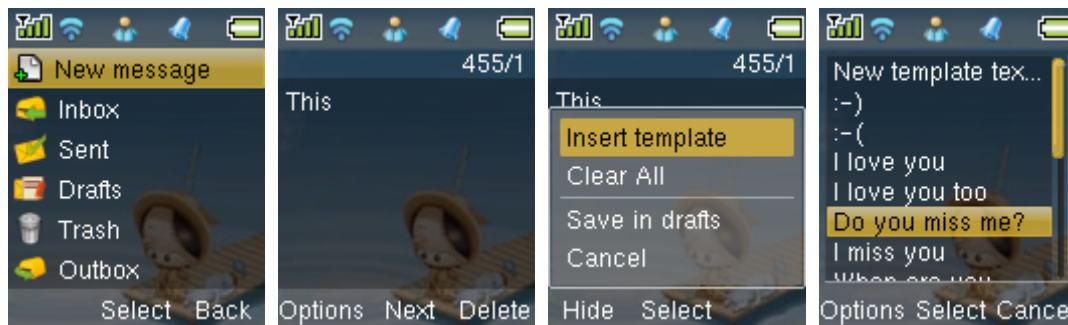
Press **Select** key to read a message.

2.6.2 Responding to Messages



1. To reply to sender: press **Options** then choose Reply.
2. To send this message to another person press **Options** and choose Forward.

2.6.3 Writing Messages



Writing Messages

To create a message using the **Messages** application press **Select** when highlight the **New message**.

Enter your message and then press **Next** to the send page.

To delete the message press **Options** select **Cancel** from the menu.

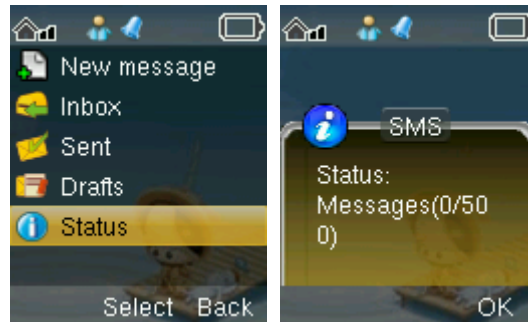
To store the message to work on it later, press **Options** and then select **Save to drafts** from the menu

2.6.4 Status Flags

All mail has an associated status as follows:

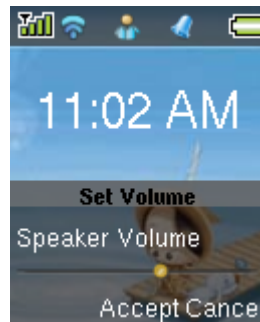
- 📧 Normal mail messages.
- 📧 Unread mail messages.
- 📧 Messages still to be sent.
- 📧 Composed messages that are incomplete and waiting to be sent.

2.6.5 Message counter



Select the Status item to view the count of messages.

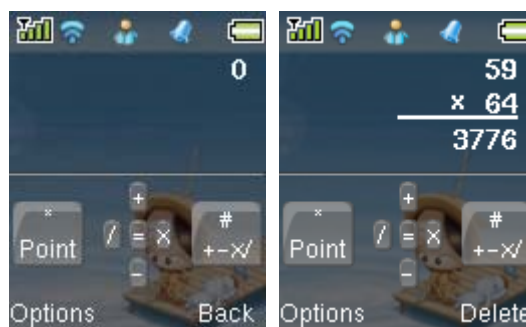
2.7 Volume Control



Speaker Volume could easily be controlled by adjust the volume control bar located at the side of the phone.

3 Other Applications

3.1 Calculator



Calculator

A basic four-function calculator is available with this device

To enter a number: use number keys.

To apply a function:

1. + is **Up Key**
2. - is **Down Key**
3. / is **Left Key**
4. x is **Right Key**
5. decimal point is '*' or '.'
6. = is **Ok Key**

To change between operators: use the # Key.

To clear the calculation: press Ok then press 0.

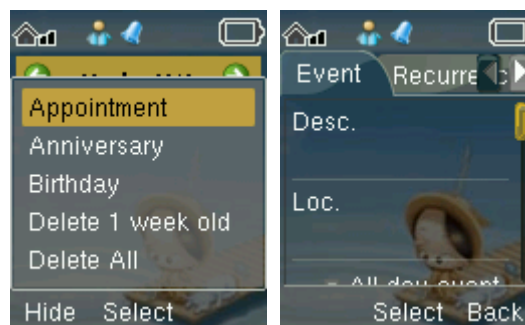
3.2 Calendar



Calendar

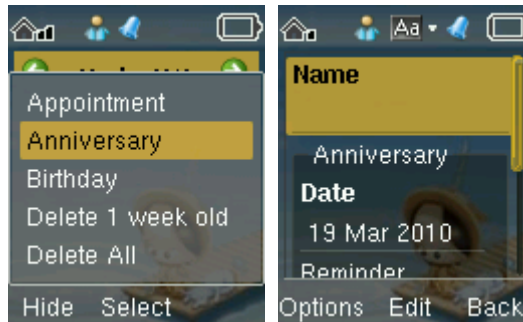
The **Calendar** is used to store events and set reminders. The default view shows the current day in the calendar.

3.2.1 Appointment



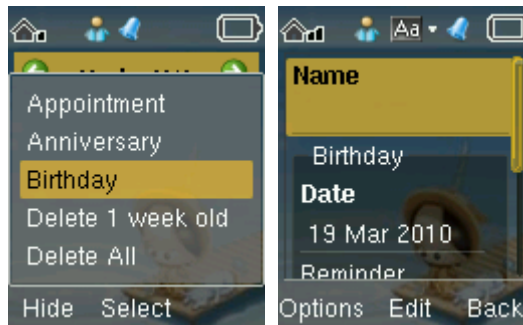
Press **Options->Appointment** and you can create an appointment.

3.2.2 Anniversary



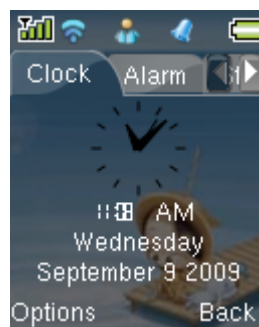
Press **Options->Anniversay** and you can create an anniversary.

3.2.3 Birthday



Press **Options->Birthday** and you can create a Birthday event.

3.3 Clock

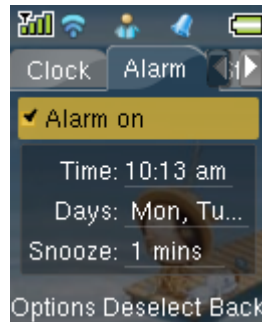


Clock

The **Clock** displays the current local time in both an enlarged analog and a digital format including the current day and date at the bottom of the display.

Use **Left/Right Key** to switch to the stopwatch or alarm clock.

3.3.1 Alarm Clock



To set the alarm:

- Check the **Enabled** box to enable the daily alarm.
- Set the time the alarm is to be activated.
- Select the days of the week on which the alarm is to be activated.
- Set the snooze time.

3.3.2 Stopwatch



Top display shows total time.

Number above Start/Stop shows current lap number.

Split shows end time for this lap, Lap shows duration of this lap.

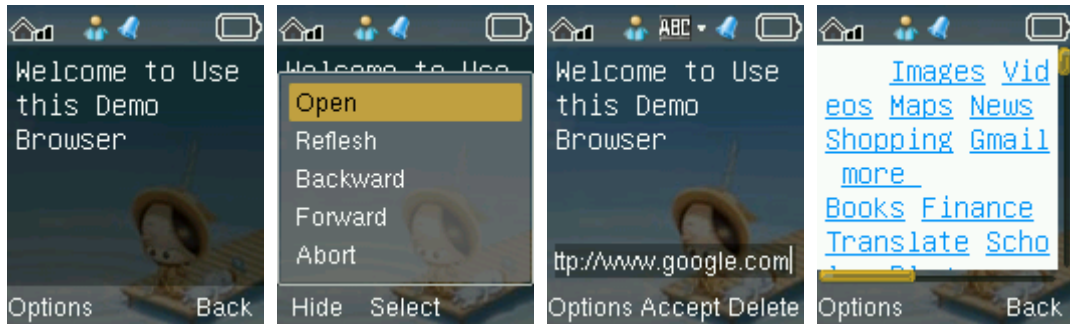
Press * key to start/stop timer.

Press # button to mark lap time, or to reset.

When stopped, use **Up/Down** keys to change lap number.

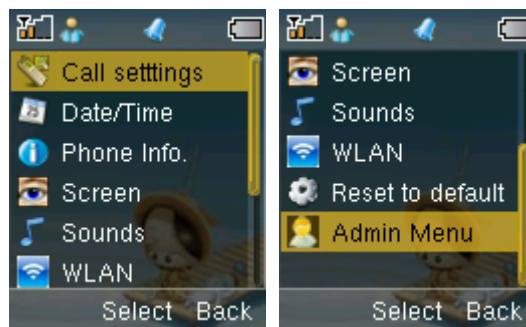
Notes are short pieces of text that you can edit and attach to emails. The application can be used to add, edit, and delete notes. Once open it displays a list of available files.

3.4 Web Browser



This is a simple web browser to display basic text and image.

4 Settings



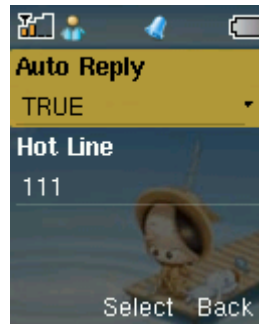
This application contains a list of settings, such as call settings, Date/Time, Phone info, Screen, Sounds, WLAN and so on.

4.1 Call settings



This application contains usual call settings.

4.1.1 Auto Call/Reply



Auto Reply:

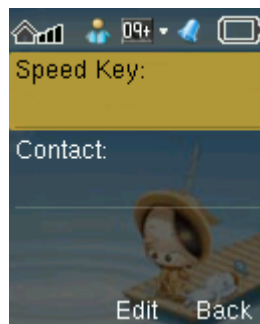
TRUE: auto answer when a new call coming

FALSE: close this function

Hot Line:

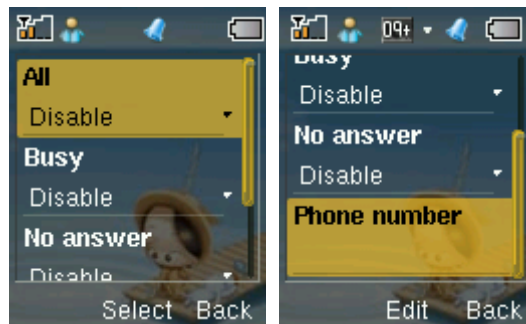
Input the number you want to auto dial.

4.1.2 Speed Dial



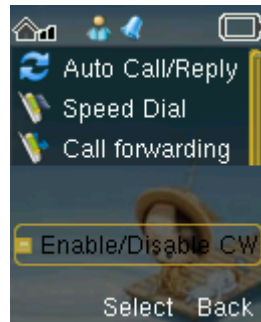
Binding phone number to one digit number.

4.1.3 Call forwarding



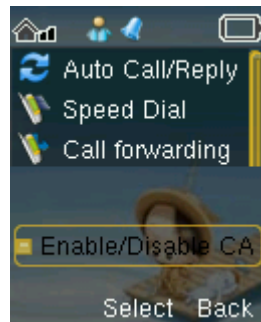
You can set the forwarding condition and phone number here.

4.1.4 Call waiting



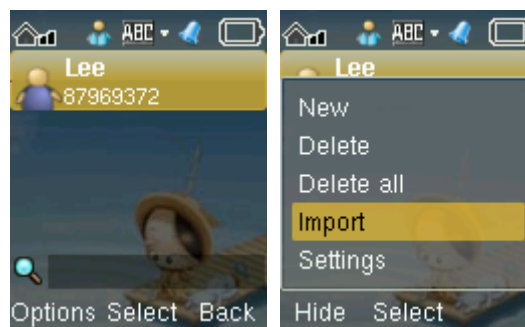
Enable or disable call waiting.

4.1.5 Call anonymous



Enable or disable call anonymous.

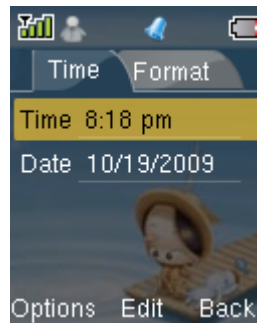
4.1.6 Call Block



Block the number that you don't want to answer.

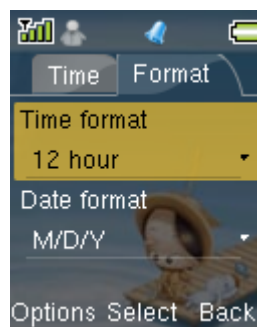
4.2 Date/Time

4.2.1 Date & Time



Set the date and time.

4.2.2 Format



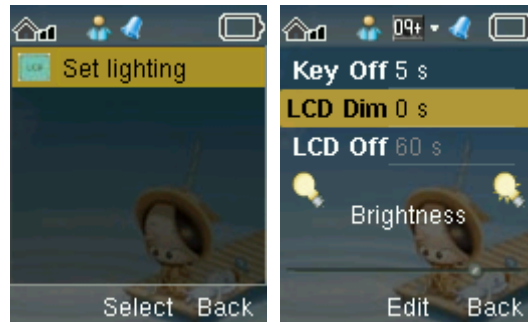
Change the format of date and time.

4.3 Phone Info



Display the phone's basic information.

4.4 Power



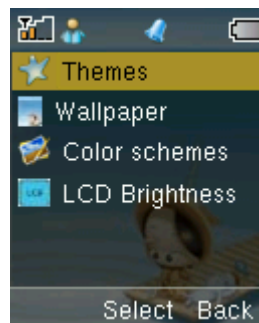
Set the time of closing the key led.

Set the time of dimming the LCD.

Set the time of closing the LCD.

Adjust the brightness of the LCD.

4.5 Screen



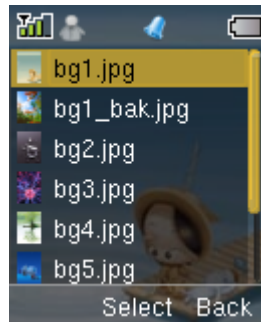
The appearance application is used to set the theme, wallpaper and the color of the highlighted item.

4.5.1 Themes



Select what you want as the launcher view icons.

4.5.2 Wallpaper



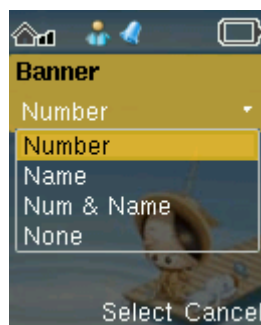
Select the picture as the wallpaper.

4.5.3 Color schemes



Set the color of the highlighted item.

4.5.4 Homescreen

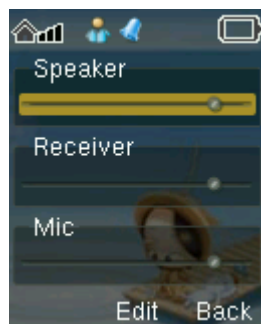


Show the name and phone number on the homescreen or don't.

4.6 Sounds



4.6.1 Volumes



Receiver Volume:

Set volume for call.

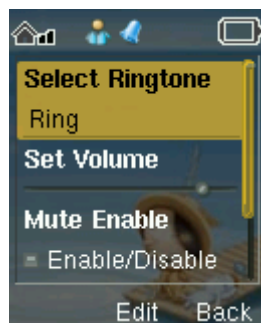
Ring Volume:

Set volume for ringtone

Mic:

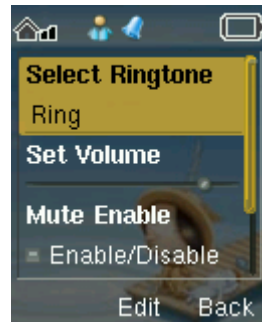
Set volume for MIC.

4.6.2 Ringtone



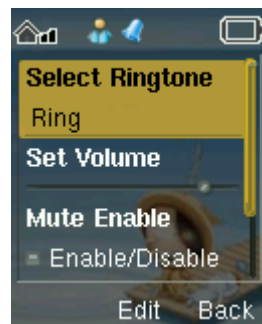
Select the default ringtone for all incoming call.

4.6.3 Message alert



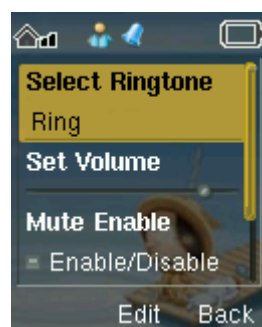
Select the message alert tone.

4.6.4 Music on Hold



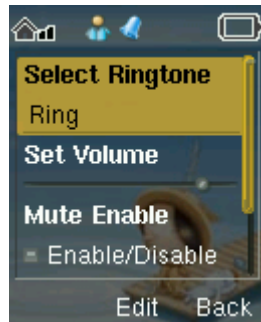
Select the hold tone.

4.6.5 Alarm alert



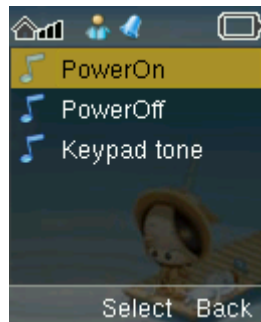
Select the alarm alert tone.

4.6.6 Event alert



Select the event alert tone.

4.6.7 System alert



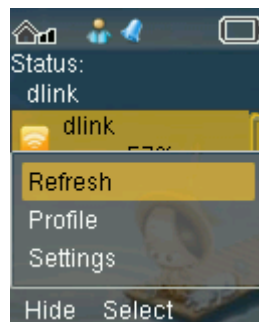
Select power on alert tone.

Select power off alert tone.

Enable or disable keypad tone.

4.7 WLAN

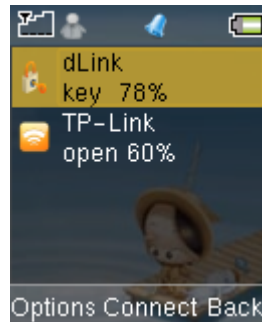
4.7.1 Scan AP



Press **Options**->**Refresh** to update the list of APs.

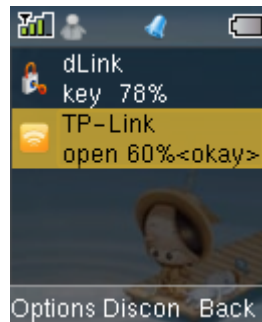
It will scan every 20s as default and update the AP list.

4.7.2 Connect to an AP



After get an AP list, highlight the item which you want to connect to and press **Connect** key.

4.7.3 Disconnect from an AP

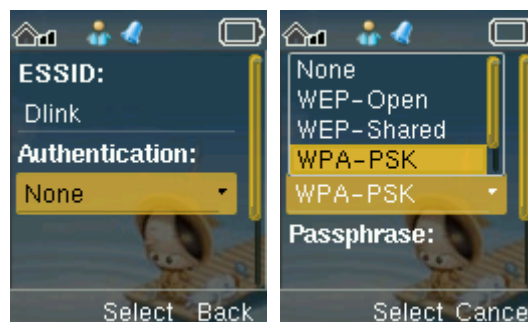


Highlight the connected AP and Press **Discon** key.

4.7.4 Default AP connection

Save the last connected AP as the default AP, and It will try to connect to the default AP after restart the system.

4.7.5 Profile



The profile is used to give some information needed for the encrypted AP.

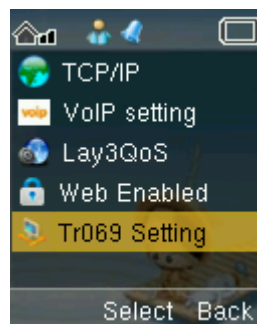
4.8 Language

Unused temporary

4.9 Reset to default

Select and click this item to restore default settings.

4.10 Admin Menu



This application contains the settings of network, VoIP and so on.

4.10.1 TCP/IP



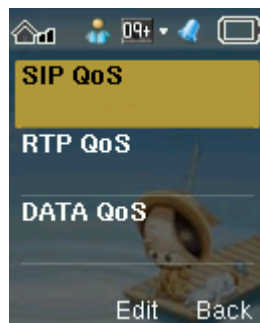
TCP/IP settings, such as IP Mode, IP Address, Subnet Mask, Gateway and so on.

4.10.2 VoIP setting



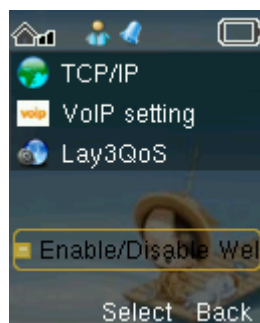
VoIP settings, such as SIP domain, SIP Proxy Server, SIP Proxy Port, Phone Number, Account and so on.

4.10.3 Lay3QoS



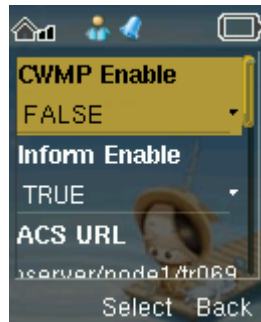
- Set the value of L3 SIP QoS.
- Set the value of L3 RTP QoS.
- Set the value of L3 DATA QoS.

4.10.4 Web



Enable or disable the web config.

4.10.5 TR069



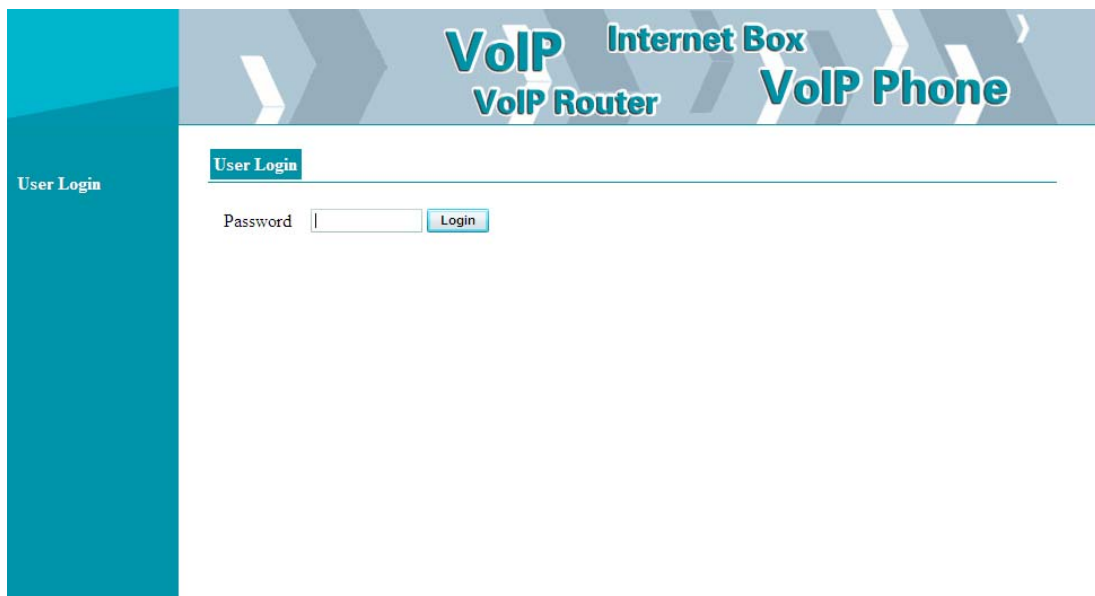
Config the TR069.

5 Remote Management Guide

5.1 Log in

Users can login the WFP400 IP Phone's Web via WAN Interface. WFP400 IP Phone Default setting of WAN configuration is DHCP Mode. Web Server Default Port is 8080, the Port can be changed via Web.

- (1) Login the Web using the URL:http://IP Address:8080
- (2) Once the right Http request is entered and send by the Web Browse, the WFP400 will respond with the following Login page:



You should input password and click **Login** to login the Web. The default password is admin.

5.2 View Status

You can see the System Status page if you login the Web successfully. And you can also click **System Status** to enter this page. The page displays WFP400 IP Phone's current status, including current software version, WAN configuration, and register status and so on.

Product NO.	WFP400
Software Version	v1.0.5 C (Hy1020111624)
HadrWare Version	1.0.1(2M)
DSP Version	E1.00
SIP-1 Status	Registered
SIP-2 Status	Registered
PPPoE Status	Unused
WAN MAC	00:21:F2:01:1B:A3
WAN IP	192.168.20.22
WAN NetMask	255.255.255.0
WAN Router	192.168.20.1
DNS	219.141.136.10 219.141.140.10
VPN Address	
Running Time	Fri Nov 12 10:08:12 2010

Refresh

5.3 Network Management

You can click **Network configuration** to login the Network Configuration page. You can set Network parameters including WAN.

IP Mode: select the way of getting WAN IP, there are two ways:

Static: Users need to set IP Address, Subnet Mask, Gateway IP and DNS.

DHCP: WFP400 will auto-config the WAN parameter with immediate effect.

DHCP Settings:

(1) Set "DHCP" in the "IP Mode" text.

(2) You should set "manual" in the "DNS Mode" if you set "DNS" by yourself. And then fill the DNS in the two following texts. Generally speaking, you can set "Automatic" in the "DNS Mode" and WFP400 IP Phone will get "DNS" from DHCP Server automatically.

The screenshot shows the configuration page for a VoIP Router. The left sidebar contains navigation options: System Status, Network configuration, Sip Protocol Settings (SIP1 Settings, SIP2 Settings, general settings), Advanced Settings, Equipment Manage, User Manage, System Log, Reboot, and Relogin. The main content area has tabs for WAN and VPN. Under the WAN tab, the IP Mode is set to 'DHCP' and DNS Mode is set to 'Automatic'. A note below indicates that changes require a reboot and will take effect. There are 'Save' and 'Cancel' buttons at the bottom.

Static Settings:

- (1) Set “Static” in the “IP Mode” text.
- (2) Set IP address, the IP address is the one of the local area network.
- (3) Set Subnet Mask, it is usually “255.255.255.0” for the local area network.
- (4) Set Gateway, you can get it from your Administrator.
- (5) Set DNS, you can get it from your Administrator.

This screenshot shows the same configuration page as above, but with the IP Mode set to 'Static'. The IP Address is set to 192.168.20.22, Subnet Mask to 255.255.255.0, and Gateway Address to 192.168.20.1. The Primary DNS is 219.141.136.10 and the Secondary DNS is 219.141.140.10. The 'Save' and 'Cancel' buttons are visible at the bottom.

Generally speaking, you should select a kind of IP Mode from the two IP Modes if you use WFP400 IP Phone in the local area network.

You can select the “Static” IP Mode if you are familiar with the Network Configuration and you can fill all the parameters in the texts by yourself.

You can also select the “DHCP” IP Mode and let WFP400 IP Phone get all the parameters from the DHCP Server.

You can ask Administrator if you are still not clear.

5.4 SIP Protocol Settings

Protocol Settings include two line SIP accounts Settings, Media Settings, NAT Traversal Settings and Other Settings including advanced and detail settings about Protocol.

SIP-1 Settings:

SIP-1	Supplement Service	Media Settings	Other Settings
Proxy DNS Type		A Type	*
Domain Name		192.168.100.71	*
SIP Proxy		192.168.100.71	*
SIP Proxy Port		5060	*
Outbound Proxy		192.168.100.71	*
Outbound Proxy Port		5060	*
Use VPN		Disable	*
Phone Number		123	*
Account		123	*
Password		•••	*
Display Name		123	
(*-Reboot and Effect)			
<input type="button" value="Save"/> <input type="button" value="Cancel"/>			

You can use the WFP400 IP Phone’s SIP-1 accounts.

SIP account introduction for SIP-1

1. Domain name:

The domain name of SIP Server.

2. SIP Proxy:

The IP address of SIP Server .

3. SIP Proxy Port:

The port of SIP Server for service of VOIP by Providers, default is 5060.

You should enable “Carry Port Information” in the Other Settings page if the SIP Server Port is not 5060 or SIP messages need to carry port information for IP.

4. Outbound Proxy:

Outbound Proxy’s IP or domain name.

5. Outbound Proxy Port:

Outbound proxy’s service port.

6. Phone Number:

The telephone number provided by SIP Proxy.

7. Account

Account of telephone provided by SIP Proxy.

8. Password

Password of telephone provided by SIP Proxy.

9. Display Name

The display name when the IP phone is on-hook.

Supplement Service Settings:

SIP-1	Supplement Service	Media Settings	Other Settings
	Forward unconditionally	Disable	▼
	Forward when Busy	Disable	▼
	Forward when no Reply	Disable	▼
	Forward Number	<input type="text"/>	
	MWI Enable	Disable	▼ *
	Voice Mailbox Numbers (*-Reboot and Effect)	<input type="text"/>	
<input type="button" value="Save"/> <input type="button" value="Cancel"/>			

1. Call Forward unconditionally:

If or not enable Call forward unconditionally.

2. Forward when Busy:

If or not enable forward when phone is Busy.

3. Forward when no Reply:

If or not enable forward when no Reply. Current default setting is 15s.

4. Forward Number:

The number want to be forwarded to.

5. MWI Enable:

If or not enable MWI. Set and reboot to make changes effective.

6. Voice Mailbox Numbers:

Press the “SMS” button to send the voice mailbox number when the phone is off-hook. It takes effect

after enabling MWI.

WFP400 IP Phone default setting stands transfer function, including unattended transfer and attended transfer. Please read the chapter of “Use Phone”.

Media Settings:

SIP-1	Supplement Service	Media Settings	Other Settings
Coding Choice 1		G.711A	
Coding Choice 2		G.711U	
Coding Choice 3		G.729	
Coding Choice 4		G.723.1	
G.723 Coding Rate		5.3k bps	
VAD&CNG		Disable	
ECHO CANCEL		Enable	
Voice Frames Number		2	

(*-Reboot and Effect)

1. Coding Choice 1.2.3.4

There are 4 kinds of Audio Coding Modes. PRI is from 1 to 4.

2. G.723 Coding Rate

Choose G.723 Coding Rate.

3. VAD&CNG:

If or not enable Vivid Audio Detect and Echo Cancellation. They can improve voice quality.

4. ECHO CANCEL:

5. Voice Frames Number:

The number of voice frames

You can use default settings if you do not know Media Settings well.

Other Settings:

Other Settings include advanced settings about SIP protocol.

System Status	SIP-1	Supplement Service	Media Settings	Other Settings
Network configuration Sip Protocol Settings SIP1 Settings SIP2 Settings general settings Advanced Settings Equipment Manage User Manage System Log Reboot Relogin	Domain name Mode <input type="text" value="Enable"/> * Carry Port Information <input type="text" value="Enable"/> Signal Port <input type="text" value="5060"/> * Second Dial Mode <input type="text" value="Inband"/> RFC2833 Payload(>=96) <input type="text" value="99"/> Register Refresh Interval (Second) <input type="text" value="60"/> * RTP Port <input type="text" value="30000"/> (=0 auto select) Cancel Message Enable <input type="text" value="Enable"/> * Prack Enable <input type="text" value="Enable"/> Ping Enable <input type="text" value="Enable"/> Keep-alive interval(10-60s) <input type="text" value="30"/> * (*-Reboot and Effect)			
				<input type="button" value="Save"/> <input type="button" value="Cancel"/>

1. Domain name Mode:

If or not use domain name in the SIP URI.

2. Carry Port Information

If or not carry Port information in the SIP URI.

3. Signal Port

The local port of SIP protocol, default is 5060.

4. Second Dial Mode:

You can choose Inband, RFC2833 or SIP-INFO. You can use the default setting.

5. RFC2833 Payload(>=96)

You can use the default setting.

6. Register Refresh Interval (Second)

The interval between two normal Register messages. You can use the default setting.

7. RTP Port

WFP400 IP Phone will select idle port for RTP if you set "0", otherwise WFP400 IP Phone will use the value you set. Generally speaking, set "0".

8. Cancel Message Enable

When you set enable an unregistered message will be sent before registration, while you set disable, unregistered message will not be sent before registration. You should set the option for different Proxy.

9. Prack Enable

The option for RFC 3262.

10. PING Enable:

If this option enable, WFP400 will send SIP-PING to Server periodically instead of sending hello packet. The send interval is Keep-alive interval.

11. Keep-alive interval (10-60s)

The interval that we send an empty packet to Proxy.

General Settings:

general settings

NAT Traversal	<input type="text" value="STUN"/>	*
NAT Server IP	<input type="text" value="stun.fwdnet.net"/>	*
NAT Server Port	<input type="text" value="3478"/>	*
NAT Refresh Interval(Second)	<input type="text" value="60"/>	*
Auto Answer	<input type="text" value="Disable"/>	*

(*-Reboot and Effect)

You should set “STUN” in the “NAT Traversal Mode” text if WFP400 IP Phone uses STUN Server traverse NAT/Firewall.

1. NAT Traversal Mode

If or not enable STUN.

2. NAT Server IP

STUN Server IP

3. NAT Server Port

STUN Server Port

4. NAT Refresh Interval(Second)

We need set interval to send message to STUN server in order to keep link status.

5. Auto Answer

If or not enable auto answer, if this is enabled, WFP400 will answer any coming call automatically.

5.5 Advanced Management

Advanced Settings include QoS Settings, Supplement Service, Dial Rule and Other Settings.

QoS Settings

Qos Settings	Dial Rule	Other Settings
Layer 3 QoS		
SIP QoS	<input type="text" value="0"/>	*
RTP QoS	<input type="text" value="0"/>	*
Data QoS	<input type="text" value="0"/>	*
Layer 2 QoS		
802.1Q/VLAN ID	<input type="text" value="0"/>	*
802.1p PRI	<input type="text" value="0"/>	*
(*-Reboot and Effect)		
<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

Some ISP supply QoS services. The QoS services can make the best of improving the quality of voice application. You can get the settings from the ISP if they supply QoS services. Please connect with them if you need it.

Dial Rule:

Qos Settings	Dial Rule	Other Settings					
Call Mode	Match Number	URI	Prefix	Dial Cuts	Name	Shortcut Key	
Line1	010xxxxxxx	NULL	NULL	0	BeiJing	NULL	<input type="button" value="Edit"/> <input type="button" value="Del"/>
Line1	07383012xxx	NULL	NULL	0	NULL	NULL	<input type="button" value="Edit"/> <input type="button" value="Del"/>
<input type="button" value="Add New"/>							

You can set your own Dial Rule. The Dial Rule will take effect when making a call if you enable the “Dial Rule” in the Equipment Manage page. One line shows one Dial Rule. PRI decrease by lines.

You can see the following page when you click .

Qos Settings		Dial Rule		Other Settings		
Call Mode	Match Number	URI	Prefix	Dial Cuts	Name	Shortcut Key
Call Mode						
Match Number						
URI						
Prefix						
Dial Cuts						
Name						
Shortcut Key						

1. Call Mode:

Select Call Mode: Line1, Line2, IP Dial.

2. Match Number:

Three method of matching:

Mode 1: Match character strings. "010xxxxxxx8" means matching the numbers that begin with "010", end is "8" and length is 11.

Mode 2: Match character strings fully. E.g.: "01058092777" means matching the right number. When you dial this number, you do not need to dial "#" or "Redial" and the number will be sent immediately.

Mode 3: Set none. It is used by IP dial.

3. URI:

The URI will save the URI of called party (E.g.: [1002@192.168.100.3:5060](tel:1002@192.168.100.3:5060)) if you select IP dial. You can set dialing shortcut key according to this dial rule. In this way, you can input dialing shortcut key to realize IP dial.

4. Dial Prefix:

The dial prefix will be added in the front of the outgoing number if the number matches shortcut key or dial rule.

5. Dial Cut Digits:

The outgoing numbers will be cut in the front of the numbers according to the Dial Cut Digits.

6. Name:

Name for Dial Rule, it is good for memory.

7. Shortcut Key:

You can set dialing shortcut key for Mode 2 and Mode 3. And then you could input dialing shortcut key instead of inputting the numbers or IP address to make a call. You should not set dialing shortcut key for Mode 1.

Other Settings

Qos Settings	Dial Rule	Other Settings
Hot Line	<input type="text"/>	
Min Jitter Delay (ms)	<input type="text" value="0"/>	
Max Jitter Delay (ms)	<input type="text" value="80"/>	
ICMP Ping	<input type="text" value="Disable"/> *	
(*-Reboot and Effect)		
<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

1. Hotline

If fill in this, it will Dial the number automatically when Hook Off.

2. Min Jitter Delay(ms)

The Min value of WFP400's jitter delay, WFG400's jitter is a adaptive jitter mechanism.

3. Max Jitter Delay(ms)

The Max value of WFG400's jitter delay, WFG400's jitter is an adaptive jitter mechanism.

4. ICMP Ping

If enable this option, WFG400 will ping the SIP Server every interval time, otherwise, It will send "hello" empty packet to the SIP Server.

5.6 Equipment Manage

Equipment Manage includes Device Manage, Upgrade on Web, Volume Settings and Network Manager Settings, SNMP Settings.

Device Manage:

System Status	Device Manage	Upgrade on Web	Volume Settings	Network Manager Settings	SNMP Settings
Network configuration	Time Server		<input type="text" value="time.bora.net"/>		
Sip Protocol Settings	Time Zone		<input type="text" value="[GMT+09:00]"/> *		
SIP1 Settings	Dial Rule		<input type="text" value="Disable"/> *		
SIP2 Settings	Dial Prefix		<input type="text"/>		
general settings	End Dial Char		<input type="text" value="#"/>		
Advanced Settings	Ringing Time(Sec)		<input type="text" value="60"/>		
Equipment Manage	Hook-On Tone Delay(Sec)		<input type="text" value="4"/>		
User Manage	Select SignalTone		<input type="text" value="US"/>		
System Log	WAN Interface Login		<input type="text" value="Disable"/> *		
Reboot	Web Login Port		<input type="text" value="8080"/> *		
Relogin	(*-Reboot and Effect)				
	<input type="button" value="Save"/> <input type="button" value="Cancel"/> <input type="button" value="Default Settings"/>				

1. Time Server:

Set Time Server IP Address. If use NTP time, WFP400 will get time from the special Server. You can use the default setting if you do not know it.

2. Time Zone:

Set a Time Zone. The default setting is GMT+08:00(Beijing Time)

3. Dial Rule:

If or not enable Dial Rule. You can see the ways to Dial Rule.

4. Dial Prefix:

The prefix of your dialing number.

5. End Dial Char:

Select “#” or “*” as the end char of dialing.

6. Ringing Time(Sec):

Set the ringing time.

7. Hook-On Tone Delay(Sec):

This value set the duration of busy tone before warning hook-on tone appearing.

8. Select Signal Tone

Select signal tone standard for different nations and zones.

9. WAN Interface Login

If or not enable WAN Interface Login.

10. Web Login Port

Set Web Login Port

Upgrade Software:



Upgrade Types

Local Upgrade

(!!Being Upgraded , **DO NOT** Shut Off Power or Reticle , Click Other Web pages!!)

Volume Settings

System Status
Network configuration
Sip Protocol Settings
SIP1 Settings
SIP2 Settings
general settings
Advanced Settings
Equipment Manage
User Manage
System Log
Reboot
Relogin

Device Manage	Upgrade on Web	Volume Settings	Network Manager Settings	SNMP Settings
		Ringing Volume (0-7) <input type="text" value="6"/> *		
		Headphones Output Volume (0-7) <input type="text" value="5"/> *		
		Headphones Input Volume (0-7) <input type="text" value="5"/>		
		Hands-free Output Volume (0-7) <input type="text" value="5"/> *		
		Hands-free Input Volume (0-7) <input type="text" value="5"/>		
(*-Reboot and Effect)				
<input type="button" value="Save"/> <input type="button" value="Cancel"/>				

Network Manager Settings

System Status
Network configuration
Sip Protocol Settings
SIP1 Settings
SIP2 Settings
general settings
Advanced Settings
Equipment Manage
User Manage
System Log
Reboot
Relogin

Device Manage	Upgrade on Web	Volume Settings	Network Manager Settings	SNMP Settings
			Auto Provision Service <input type="text" value="Disable"/> *	
			Distribution Manager Server Address* <input type="text" value="192.168.100.121"/> *	
			Login Account* <input type="text" value="user"/> *	
			Login Password* <input type="text" value="user"/> *	
			Upgrade Interval(minute) <input type="text" value="1200"/> *	
			SysLog Server <input type="text"/>	
			Log Level <input type="text" value="NONE"/> *	
(*-Reboot and Effect)				
<input type="button" value="Save"/> <input type="button" value="Cancel"/>				

Network Manager introductions:

1. Auto Provisoin Service:

Enable or disable the auto upgrading function of WI100, if this enables, WI100 Software Upgrade automatically, Config file Upgrade automatically.

2. Distribution Manager Server Address:

The ip address of the FTP server where the upgrade files located.

1. Login Account:

The login FTP account used for upgrading.

2. Login Password:

The FTP Server's login password used for upgrading.

3. Upgrade Interval(minute)

The Interval that WI100 IP Phone gets upgrade and configuration files every two times.

4. SysLog Server:

Set the SysLog Server IP address or domain name for WI100, WI100 support local and remote Syslog, If you set Syslog Sever to a IP address or a domain, the syslog info will be sent to this server, otherwise ,syslog info will be local, and you can see the system log in System Log page. It records WI100 IP Phone's important events according to syslog log level.

7. Log Level:

There are five syslog levels: NONE, ERROR, WARN, INFO, DEBUG

SNMP Settings:

System Status	Device Manage	Upgrade on Web	Volume Settings	Network Manager Settings	SNMP Settings
Network configuration					
Sip Protocol Settings					
SIP1 Settings					
SIP2 Settings					
general settings					
Advanced Settings					
Equipment Manage					
User Manage					
System Log					
Reboot					
Relogin					

SNMP Enable *

Read Community Name *

Write Community Name *

SNMP Manager IP 1

SNMP Manager IP 2

SNMP Manager IP 3

SNMP Manager IP 4

5.7 Users Management

You can modify your own password in this page.

User Manage
Enter the original Password <input type="text"/>
Enter the new Password <input type="text"/>
Confirm the new Password <input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Notes: Password can only be changed at current level. If you change successfully, you should save, and

then Re-log into the Web page.

5.8 Re-login

When you click the “Relogin” link in the navigation bar, the browser will switch to the login page.