



**Firmware Release Note**

**P2000W**

**Standard version**

**Release WJ0013**

**Date:** May 19, 2006  
**Author:** Ray Wang

# ZyXEL P2000W Standard Version release WJ0013 Release Note

**Date:** May 19, 2006

## **Supported Platforms:**

ZyXEL P2000W

## **Versions:**

F/W Version : WJ0013

## **Notes:**

### **Modifications in WJ0011 | June 27, 2005**

- 1 [Bug Fixed]
  - 1.1 Add one switch to select provision service.
  - 1.2 Open admin account for provision.
  - 1.3 Can input “:” in the user name.
  - 1.4 Site survey have double chars.
  - 1.5 The LCD 's wireless channel will be changed when the P2000W roamed to other AP. It will show correct channel on the WEB.
  - 1.6 Interoperability with Welltech proxy system.
  - 1.7 Modify WEP key from S/W to H/W.
  - 1.8 Select to 2833, when we meet 2833's codec that our phone will be changed to inband.
  - 1.9 P2000W won't show “Ad-hoc failed” on the LCD, it will show “Linking failed” when the handset doesn't get any AP.
  - 1.10 However the AP has WEP or not, after site survey, P2000W show WEP key's priority = “None”, not “64”.
  - 1.11 If "RTP Port" with "SIP Port" is same, the phone cannot make a call.
  - 1.12 SIP packet always send to Outbound proxy when use "STUN" or "Fake WAN" mode.
  - 1.13 (Suggest) Remove "Auto Provision" UPDATE button.
  - 1.14 (MMI) Call History -> Erase Call -> Erase Received "Received" word is disappeared.
  - 1.15 (MMI) Phone cannot select channel when select Ad-Hoc mode before reboot.
  - 1.16 (MMI) Setting>Vibrate>Vibrate ->Ring mode Vibrate does not Stop when volume is zero
  - 1.17 Between first stun and sip request are 60 sec. Can't dial call in this mode.
  - 1.18 Disable NAT service function that SIP packet's destination address is outbound proxy address.
  - 1.19 It hasn't any unregistered signal to proxy when phone in restart mode.
  - 1.20 Fix WEB login default value admin: 1234 and zyxeladmin:1234.
  - 1.21 Fix some browsers can't to use web page upload function by mozilla group.
  - 1.22 DNS should be updated when using DHCP.
  - 1.23 User name has been changed, but still use admin password.
  - 1.24 Change jitter buffer and voice frame, some strange char. Will be appended to server name.
  - 1.25 Auto-provisioning (Update by web server) is not complete (00%).

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- 1.26 Fix cannot store banner for provision's profile.
- 1.27 Add revision parameter to load default revision value
- 1.28 Fix outpound proxy ip after auto provision in detail still use the old ip
- 1.29 Fix Banner Issue - The banner does not change until screen saver is triggered or when user goes to a menu and goes back to home menu. The banner does not even change when the phone REGISTERS after the provisioning.
- 1.30 Fix Wi-Fi phone will response 404.
- 1.31 Add revision parameter to load default revision value
- 1.32 Fix some browsers can't to use web page upload function by mozilla group.
- 1.33 Fixed can't send ACK after received 407/401 response, this will be caused BYE by SIP server.
- 1.34 Modify provision enable\_nat value become nat\_type and make the select value become:
  - 1.Disable
  - 2.Outbound
  - 3.STUN
  - 4.Fake\_WAN
- 1.35 Add RTP port for fake WAN
- 1.36 Rename the (before nat\_serv\_ip after fake\_wan\_ip)  
(before nat\_serv\_port after fake\_wan\_port)
- 1.37 Fix that in Zyxel web page will show some special character in web like "@#"
- 1.38 Set new item sip\_session\_expire for sip session expire time to do auto provision
- 1.39 Set default WAN IP Address,WAN SIP Port,WAN RTP Port
- 1.40 Auto change SIP configuration without reboot.
- 1.41 After auto provision, it still sends package to previous outbound proxy.
- 1.42 Change the auto provision's parameter "nat\_rtp\_port" become "fake\_rtp\_port".
- 1.43 Fix the outbound proxy port can't be changed if the figure under 1024.
- 1.44 Press menu key in booting that our phone will stop working.
- 1.45 Contact's phone number add to 154 chars(SIP Format.
- 1.46 Fix after auto provision will reboot and can't send SIP register package.
- 1.47 Fix some nat type still have problem to handle exception.
- 1.48 It hasn't any unregistered signal to proxy when phone in restart mode..1
- 1.49 Fix after auto provision will reboot and can't send SIP register package.
- 1.50 Fix Nat type use "Disable", "STUN", "Fack\_WAN" will use so many time to register and can't dial phone
- 1.51 The bad characters "! @" shows in web.
- 1.52 After first time we erase all phone book data, the erase all function will become invalid
- 1.53 Disable TFTP service in booting
- 1.54 Fix when clear dial number it will go to phone book.
- 1.55 Fix if we get a miss call, then we press dial key it will show miss history, now it will show dial history.
- 1.56 It needs to show all of configuration in SIP setting.
- 1.57 It needs to show all of SSID length in Site Survey.
- 1.58 The LCD 's wireless channel don't change, When AP be modify that P2000W won't modify channel values.
- 1.59 Add DNS server option when phone is set as dynamic IP mode, It allow user to set a static DNS server when DNS from dynamic assignment is failed.
- 1.60 Store DNS manual select flag into flash.
- 1.61 Fix the bug the phone will re-boot if we want to enter information's phone number after doing erase one by one.
- 1.62 Fix that provision's value (outbound proxy IP, SIP server port expire time) will over flow, so we change all IP length to 34 characters, and port to 5 characters.
- 1.63 Fix the value of expire time will overflow in provision.
- 1.64 Fix press Auto-provisioning by HTTP and Update firmware by Web Server apply button

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- web will can't coming back
- 1.65 Can't receive 401 in Invite's flow.
- 1.66 When the phone in sleeping mode, the word in the background should be clean.

### **Modifications in WJ0012 | January 16, 2006**

#### **2 [Bug Fixed]**

- 2.1 Fix if FMTP has more than 1 our SIP parse wrong FMTP for DTMP relay. Because FMTP not only for DTMP so we must adjudge RTPMAP type is for telephone event or not.
- 2.2 We won't make these commands "activate", "commit" after set default ATPM.
- 2.3 Avoid the error when phone parses a unknown parameter.
- 2.4 Avoid error display when phone is in ring state.
- 2.5 Rename "Options Interval Timer" to "NAT Keep Alive" in Web.
- 2.6 Disable the UPDATE\_MENU page when the account "user" logins.
- 2.7 For ZyXEL, change default DNS server IP from "168.95.1.1","139.175.55.244" to "192.168.0.4","192.168.0.5".
- 2.8 Fix that phone can't stop to load default.
- 2.9 Phone would lose the last "\*" in phone number you want to call. And this "\*" will show in the start of the next call.
- 2.10 The VIA of response of 487 should be the same with that in invite message.
- 2.11 Disable the function "BCM smart config". Because phone open 9090 port for this function.
- 2.12 Avoid missing "Don't Disturb" item when phone get wrong earphone status.
- 2.13 Modify the poweroff voltage from 3.6V to 3.45V.

### **Modifications in WJ0013 | May 19, 2006**

#### **3 [Bug Fixed]**

- 3.1 Modify the icon of voice mail. Modify the icon of voice mail.
- 3.2 Caller display implementation (if the display name contains ", " it will show unavailable rather than number)
- 3.3 Let phone can parse special characters on phonebook.
- 3.4 IOP with nc=000001 on authentication parameters.
- 3.5 Interoperability with option packet.
- 3.6 Add one flag on both P2000W and P2000W\_v2 could not update each other.
- 3.7 Devices respond ack to difference destination SIP port.
- 3.8 Implement the function that sdp in ack.
- 3.9 Sort phone book data by name.

### **Modifications in |**

#### **1 [Enhancement]**