

# ZyXEL P2000 Wifi Phone with Tpad



## Setting up your Wireless LAN access point.

### Automatic Detection of your WLAN access point.

**1** Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).

- 2.** Select **Site Survey**.
- 3.** The P2000 checks for and displays a list of available Access Points.
  
- 4.** Select the access point you want to use. E.g. MyWLAN

<b>7. Wireless</b>	
<b>8. Restart</b>	
<b>1. Information</b>	
Select	Back
<b>1. Site Survey</b>	
<b>2. SSID</b>	
<b>3. Network Mode</b>	
Select	Back
<b>MyWLAN</b>	
<b>AP2 90</b>	
<b>AP3 85</b>	
Select	Back

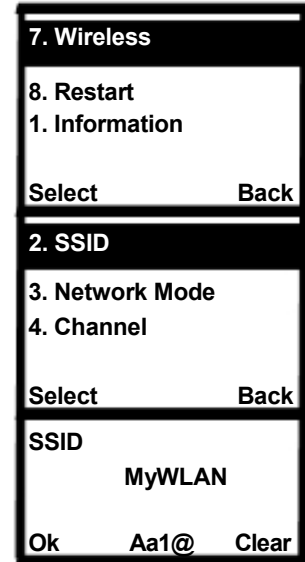
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## Manually defining your WLAN access point

1. Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).

2. Select **SSID**.

3. The P2000 displays the SSID that it is currently using. You can clear the SSID and enter a different one if you need to.

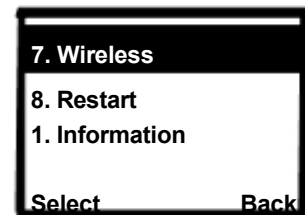


## Defining the Network Mode

Set the network mode to **Ad Hoc** or **Infra.** (infrastructure) network depending on how your wireless network is setup.

Do the following to select the network mode that the P2000 is to use.

1 Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).

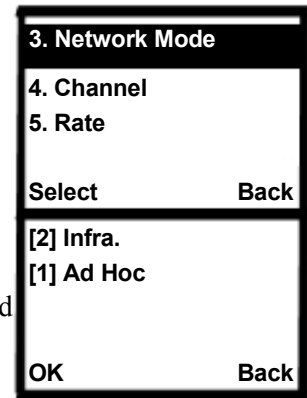


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**2 Select Network Mode.**

**3. Select **Infra.** to access an AP.**

Select **Ad Hoc** to form an independent network with another wireless client (like another P2000 for example) without the need of an AP.



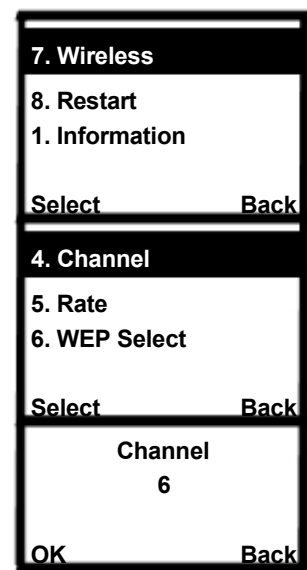
**Define the Wireless LAN channel.**

The P2000 determines which channel to use when you do the site survey and select the AP. Do the following to display the channel that the Prestige is using.

**1 Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).**

**2 Select **Channel** (Leave as default)**

**3 The Prestige displays the channel that it is currently using.**



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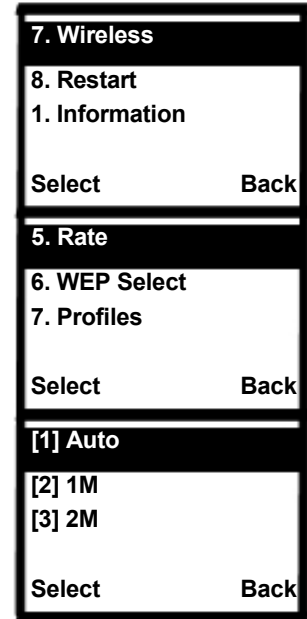
### Define the Wireless LAN transfer rate

Do the following to set the transfer rate of the P2000 wireless connection to the AP.

**1** Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).

**2** Select **Rate**.

**3** Select **Auto** to have the Prestige automatically use the highest Rate.



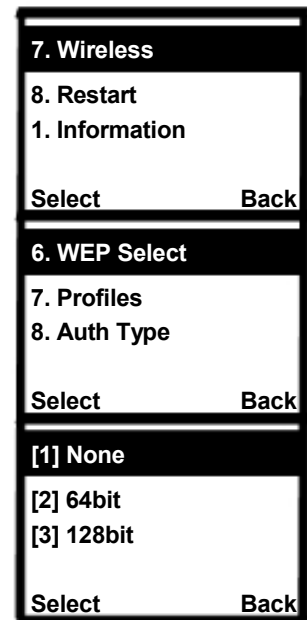
### Define the WEP key for the Wireless Access Point

Do the following to define the WEP key for your Wireless LAN.

**1.** Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).

**2.** Use the up or down arrow and the **Left** key to select **WEP Select**.

**3.** Select the same length of WEP keys as the AP (64-bit or 128-bit).



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4. Select a WEP key to configure.

5. Select a keypad mode and use the keypad to enter the WEP key that the AP is using. Use the **Power/End** key to clear the default text and remove typos.  
Press the **OK** key when you are done.

6. You can configure up to four WEP keys (in the same manner as the first) but only one key can be selected (enabled) at any one time.

7. Select **Key Select**.

8. Select the key that the AP is using.

7. WEP key 1  
8. WEP key 2  
9. WEP key 3  
Select Back

WEP key 1  
\*  
Ok Aa1@ Clear

8. WEP key 2  
9. WEP key 3  
10. WEP key 4  
Select Back

11. Key Select  
12. Profiles  
13. Auth Type  
Select Back

Key 1  
Key 2  
Key 3  
Select Back

Some APs require the wireless clients to send the WEP key to the AP for authentication.

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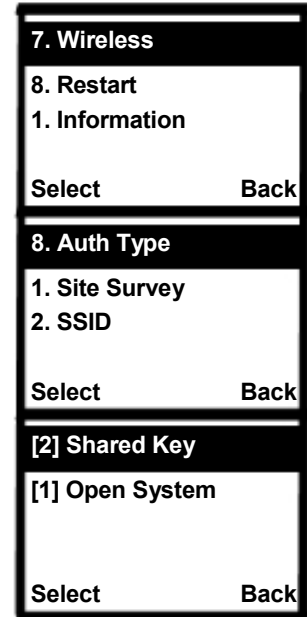
**Note:** Only set the authentication type to shared key if the wireless clients are required to send the WEP key to the AP for authentication (not just for encryption). Many networks use an open system where you would only use WEP for encryption, not for authentication.

1. Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).

2. Use the up or down arrow and the **Left** key to select **Auth Type**.

3. Select **Shared Key** if the wireless clients need to send the WEP key to the AP for authentication.  
Select **Open System** if the wireless clients do not need to send the WEP key to the AP for authentication.

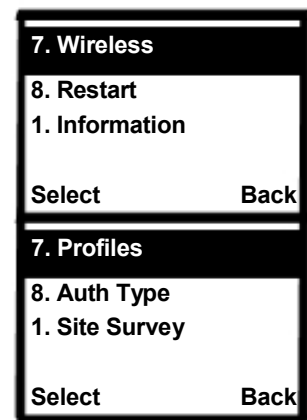
4 The P2000 restarts when you return to the main screen.



Use a profile to save your wireless settings for future use.

1 Select **Wireless** in the first menu screen (use the up or down arrow to highlight it and then press the **Left** key).

2 Use the up or down arrow and the **Left** key to select **Profiles**.



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- 3** Select **Create** to make a new profile.  
Select **Activate** to use an existing profile.  
Select **Remove** to delete a profile.

- 4** When creating a profile, select a number for the profile and press the **Left** key. The profile uses the name of the AP that you are using.

When activating or removing a profile, select the profile.

- 5** The Prestige restarts when you return to the main screen.

<b>1. Create</b>	
<b>2. Activate</b>	
<b>3. Remove</b>	
Select	Back
<b>1: MyWLAN</b>	
<b>2: AP 1</b>	
<b>3: AP 2</b>	
Select	Back

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## Tpad Account Settings

The P2000 uses Session Initiated Protocol (SIP), an internationally recognized standard for implementing VoIP.

You must register your P2000 with your Tpad.

### Configure the Registrar Server for Tpad

Configure the **Registrar** settings to have the P2000 register with your Tpad account.

**Note:** If you have no registrar server information, use the SIP server IP address and port number.

1. Select **SIP Settings** in the first menu screen.
2. Select **Registrar**.
3. Select **Registrar IP**.
4. Use the left arrow button to clear the default text. Use the up and down arrows to select the type of characters. Enter the Tpad registrar server domain, SIP.TPAD.COM name. Use the **Left** key to select **Ok** when you are done.

The screenshot shows a sequence of four menu screens. The first screen is titled '5. SIP Settings' and lists '6. Settings' and '7. Wireless'. The second screen is titled '1. Registrar' and lists '2. OutboundProxy' and '3. Proxy Server'. The third screen is titled '1. Registrar IP' and lists '2. Port' and '3. Expiry Time'. The fourth screen shows the 'Registrar IP' field with the text 'sip.tpad.com' entered, and buttons for 'Ok', 'Aa1@', and 'Clear'.

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**5** Select **Port**.

**6** Enter 5060.

**7.** Select **Expiry Time** if you were given a specific expiration time period to use. Otherwise leave it set to the default.

**8.** The P2000 restarts when you return to the main screen.

The screenshot shows a vertical menu with the following items:

- 2. Port**
- 3. Expiry Time**
- 1. Registrar IP**

At the bottom of the menu are the options: **Select** and **Back**.

Below this menu is a sub-menu for **2. Port** with the following items:

- Port**
- 5060**

At the bottom of this sub-menu are the options: **Ok**, **Aa1@**, and **Clear**.

Below this is another sub-menu for **3. Expiry Time** with the following items:

- 1. Registrar IP**
- 2. Port**

At the bottom of this sub-menu are the options: **Select** and **Back**.

Below this is a final sub-menu for **Expiry Time** with the following items:

- Expiry Time**
- 300**

At the bottom of this sub-menu are the options: **Ok**, **Aa1@**, and **Clear**.

Configure the **Outbound Proxy** server for Tpad

**1** Select **SIP Settings** in the first menu screen.

**2** Select **Outbound Proxy**.

**3** Select **Proxy IP**.

The screenshot shows a vertical menu with the following items:

- 5. SIP Settings**
- 6. Settings**
- 7. Wireless**

At the bottom of the menu are the options: **Select** and **Back**.

Below this menu is a sub-menu for **2. Outbound Proxy** with the following items:

- 3. Proxy Server**
- 4. User Account**

At the bottom of this sub-menu are the options: **Select** and **Back**.

Below this is another sub-menu for **1. Proxy IP** with the following items:

- 1. Proxy IP**
- 2. Port**

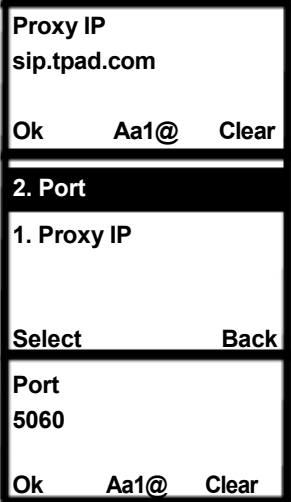
At the bottom of this sub-menu are the options: **Select** and **Back**.

4. Use the left arrow button to clear the default text. Use the up and down arrows to select the type of characters. Enter the outbound proxy server's name, SIP.TPAD.COM.

Left key to select **OK** when you are done.

5. Select **Port**.

6. Enter 5060.



The screenshot shows a configuration screen for a SIP proxy IP. At the top, it says "Proxy IP" with the value "sip.tpad.com" entered. Below this are three buttons: "Ok", "Aa1@" (for character selection), and "Clear". A "Back" button is also visible in the top right corner. Below this section, there is a "2. Port" section with a "1. Proxy IP" field. At the bottom of this section are "Select" and "Back" buttons. The next section is "Port" with the value "5060" entered. At the bottom of this section are "Ok", "Aa1@" (for character selection), and "Clear" buttons.

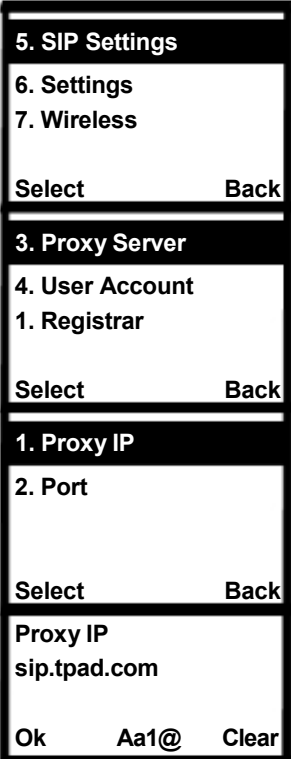
Configure the **Proxy Server** for Tpad

1. Select **SIP Settings** in the first menu screen.

2. Select **Proxy Server**.

3. Select **Proxy IP**.

4. Use the left arrow button to clear the default text. Use the up and down arrows to select the type of characters. Enter the SIP server's name, SIP.TPAD.COM. Use the **Left** key to Select **Ok** when you are done.



The screenshot shows a menu of settings. At the top, it says "5. SIP Settings". Below this are "6. Settings" and "7. Wireless". At the bottom of this section are "Select" and "Back" buttons. Below this section, there is a "3. Proxy Server" section with a "4. User Account" field. Below this is "1. Registrar". At the bottom of this section are "Select" and "Back" buttons. The next section is "1. Proxy IP" with a "2. Port" field. At the bottom of this section are "Select" and "Back" buttons. The final section is "Proxy IP" with the value "sip.tpad.com" entered. At the bottom of this section are "Ok", "Aa1@" (for character selection), and "Clear" buttons.

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5. Select **Port**.

6. Enter 5060.

<b>2. Port</b>		
<b>1. Proxy IP</b>		
Select		Back
Port		
5060		
Ok	Aa1@	Clear

Configure the P2000 to use your Tpad User Account details.

When you registered with Tpad, you should have been given a telephone number and password for connecting to Tpad. Do the following to set up your P2000 to use your telephone number and password.

1. Select **SIP Settings** in the first menu screen.

2. Select **User Account**.

3. Select **Phone Number**.

4. Use the left arrow button to clear the default text. Use the up and down arrows to select the type of characters. Enter your Tpad number.  
E.G. 1123444

<b>5. SIP Settings</b>		
<b>6. Settings</b>		
<b>7. Wireless</b>		
Select		Back
<b>4. User Account</b>		
<b>1. Registrar</b>		
<b>2. OutboundProxy</b>		
Select		Back
<b>1. Phone Number</b>		
<b>2. Username</b>		
<b>3. User Pwd</b>		
Select		Back
Phone Number		
1123444		
Ok	Aa1@	Clear

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5. Select **Username**.

6. Clear the user name and enter your tpad number e.g. 1123444

7. Select **User Pwd**.

8. Clear the password and enter yours Tpad password.

9. The P2000 restarts when you return to the main screen.

<b>2. Username</b>		
<b>3. User Pwd</b>		
<b>1. Phone Number</b>		
Select		Back
Username		
1123444		
Ok	Aa1@	Clear
<b>3. User Pwd</b>		
<b>1. Phone Number</b>		
<b>2. Username</b>		
Select		Back
User Pwd		
*		
Ok	Aa1@	Clear