2. Connecting the Access Point

Connect your hardware and boot up

- Connect the Ethernet cable to the AP's Ethernet port. Then connect the Ethernet cable to a switch, instead of a hub, for optimum performance

- Connect the power adapter to the AP's power port and plug the other end into a power outlet. The red power LED will illuminate as soon as the power adapter is connected.

- Check the Ethernet LED. The LED will be illuminated if the Ethernet is ready.

- Press the **reset** button on the back of the AP to **restore the default settings** into **Bridging Mode** or **Routing Mode** (see pages 3 & 4).

- A wireless connection now can be used to access the AP.

Factory Default Settings

Bridging Mode

- Bluetooth Client's IP: **From DHCP server on your local LAN**

- Configure IP: **192.168.0.99** / 255.255.255.0. You can configure the AP from your local LAN area.

Routing Mode

- Ethernet IP: Enable DHCP client; if there are no DHCP servers, it will set to 192.168.0.99 / 255.255.255.0 after the DHCP request times out (about 90 seconds).

- Bluetooth Client's IP: **From DHCP server on AP**

  DHCP server assigns IP's range: 192.168.2.100~200 / 255.255.255.0

- Configure IP: **192.168.2.1. You can configure the AP from the Bluetooth client only.**

AP's user login name & password

After you restore to the default settings, the administrator's name of this AP is:

NAME: **root**

Password: **(empty)**

Bluetooth PIN Code

By default, Bluetooth Security is enabled, and the default PIN code is **"1234"**.

Configuring the Access Point

This section will show you how to configure the Bluetooth PAN Access Point to function in your network.

Make sure your PC's IP is on the same segment as the AP's configure IP.

Open your web browser, and enter **192.168.0.99 (Bridging Mode)** or **192.168.2.1 (Routing Mode)** into the web browser's address field, as shown in Figure 3-1. Then, press the **Enter** key.

Figure 3-1

1. The **Login** page, shown in Figure 3-2, will appear. Before you make any changes to the access information, leave the password field empty with "**root**" in the Login field, and click the **Login** button. (You can configure the login/password later in the "**Change User/Pwd Page**").
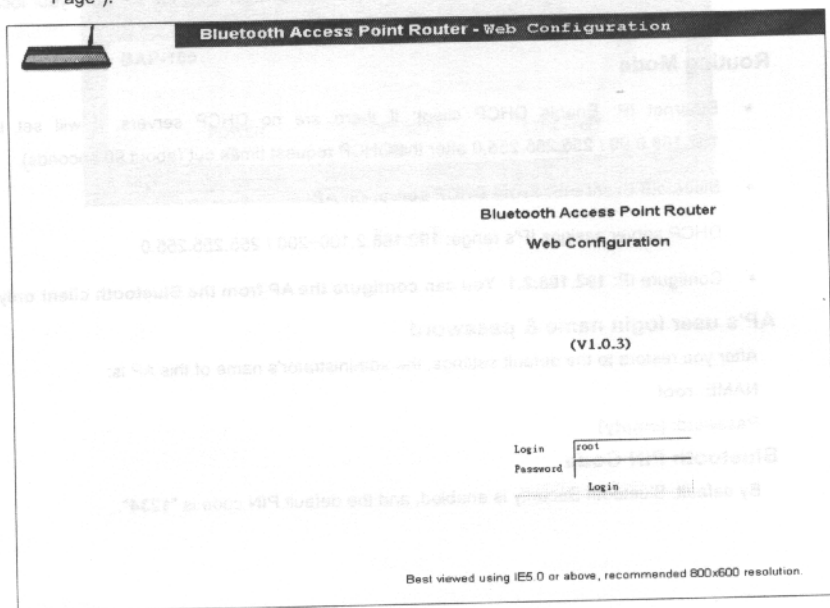

Figure 3-2

2. The **Index** page, shown in Figure 3-3, then appears. There are five hyperlinks for diverse configurations.

- **General Information** shows the real-time status for the Bluetooth wireless network.

- **General Configuration** enables you to change network settings and configure the Bluetooth connection.

- **Utility** provides four virtual servers.

- **System** is where you can restart the AP or restore to the default setting.

- **Filter Table** enables you to maintain a table to reject the Bluetooth clients who are not listed in this table.

- **Change User/Pwd** is where you can modify the web authentication.

- **About** provides product information and customer support.

Figure 3-3

3. When you'd like to logout of the web configuration (for security reasons), click the **Logout** button and the browser will return to the **Login** Page. In case you forget to leave the web configuration, the system will automatically cancel the login process after 3 minutes. You will have to login to the page again to finish any uncompleted tasks.

Change User & Password

In order for you to access the web configuration and prevent others from changing the import information, we strongly recommend you change the user ID and password.

1. In the **Index** Page, click the **Change User/Pwd** link. The Change User/Pwd Page will appear as shown in Figure 3-4.

Figure 3-4

2. According to the leftmost User List, you can add at most 4 users who are able to access the web configuration by selecting the **Add** option. Enter **User** (at most **32** words), and **Password** (at most **16** characters).

3. There are three levels of authority for web login users to configure the AP.

   • First Level: The user of this level has all authority to configure all settings of the AP.

   • Second Level: The user of this level can configure all settings of the AP except for configuring users and Bluetooth settings.

   • Third Level: The user of this level can view all information of the AP but can not change any settings.

4. If you'd like to delete a specific user, enter the User, select the **Delete** option, and click **Submit**.

The system will display some information to indicate whether or not you entered the right settings for the page.

Routing Mode

By default, the Bluetooth PAN Access Point is set to the DHCP, which enables NAT (Net Address Translation Protocol) function and acts as a wireless portal for a secure sub-network. The following settings are required for a basic routing network:

1. Click **General Configuration** in the **Index** page. By default, it displays the **Networking** page, shown in Figure 3-5.

Figure 3-5

2. In the fourth box (System Setting), enter the **Local IP** and **Subnet Mask**. This is the AP's configure IP address and Subnet Mask as seen on the internal LAN. The default value is 192.168.2.1 for **IP address** and 255.255.255.0 for **Subnet Mask**.

3. Enter the **Default Gateway** which is the same as **Local IP** in this device.

4. Click the **Apply** button to save the settings if you wish to configure other settings before restarting the system. The system will store all parameters and show the proper information to see whether it successfully writes into the registry memory. If you have finished all the settings, directly click the **Restart** button to re-boot the device.

Bridging Mode

If you are connecting to a local network and the device is to act simply a wireless AP, you can select **Bridging Mode** as shown in Figure 3-6. At this moment, the device becomes one of the existing LAN devices. All routing functions are disabled except the **Enable DHCP Client** option.

Figure 3-6

1. By default, the DHCP client is disabled, and the System Setting's default value is 192.168.0.99 for **IP Address** and 255.255.255.0 for **Subnet Mask**.

2. If you check the **Enable DHCP Client**, it will automatically get an IP from the local DHCP server and leave the fourth box disabled.

3. Click the **Apply** button to save the settings if you wish to configure other settings before restarting the system. The system will store all parameters and show the proper information to see whether it successfully writes into the registry memory. If you have finished all the settings, directly click the **Restart** button to re-boot the device.

Obtain Global IP Automatically from ISP

Bluetooth Access Point Router - Networking-PPPoE

INDEX OF CONTENT
General Information
General Configuration
Change User/Pwd
Utility
System
Filter Table
About

QUICK TOOLS

Logout Dial

General Configuration - Networking - Dynamic IP (DSL/CABLE)

User ID (64 characters)   username

Password (64 characters) password

Dial-up Timeout   10   Second

☑ Enable Auto Dial

Apply   Cancel

Figure 3-7

If you are connecting to DSL/CABLE network and through a dynamic IP address (PPPoE), perform these steps:

1. Click the **General Configuration** in the **Index** page. By default, it shows the **Networking** page. The Web is shown in Figure 3-5.

2. On the second block, select **PPPoE** and click the **Advanced** button. The **Dynamic-IP** page appears as shown in Figure 3-7. Follow the instruction of your local ISP and have all required information written into the corresponding fields.

3. Click the **Apply** button to save the settings. The system will store all parameters and automatically return to the **Networking** page. If you are not sure about the settings, click **Cancel** button, which leaves the previous parameters and returns to the **Networking** page.

4. Re-enter the **Dynamic-IP** page by clicking the **Advanced** button on the second block.

5. By checking **Enable Auto Dial** check box (be sure to have correct **User ID** and **Password**), the system will automatically dial up to the ISP as long as at least one PAN user connects to the AP.

6. Click **Dial** button. On the left area, you see the dialing status.

   Note: If you can not get connected to the ISP, check the DSL/Cable modem to see if it is on the connection state.