

# TPL-111BR

125Mbps 802.11g Wireless Powerline Router

## User's Guide



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# 1 Introduction

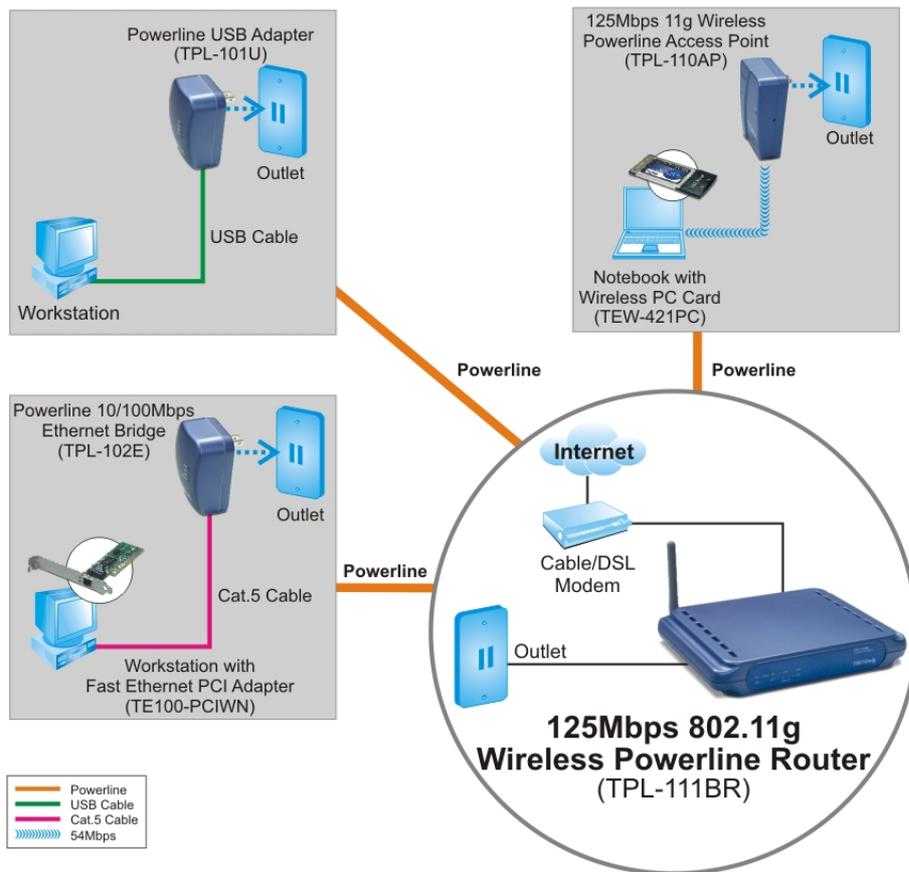
## 1.1 Purpose

The major purpose of this document is to illustrate how to configure the Router to work properly.

## 2 SET ROUTER

### 2.1 Connect to TPL-111BR

1. Connect one end of an Ethernet cable to the **LAN** port on the back of the TPL-111BR, and the other end to a standard port on a network device, for example, a PC.
2. Connect the power cable to the TPL-111BR, and then plug the power cable into a power outlet.



## 2.2 Configure the TCP/IP Settings of your PC

### Before you begin

Make sure that you get setup information you need from your Internet Service Provider (ISP).

### To set up Windows 2000

1. Right-click on **My Network Places** icon on the desktop and then click **Properties** in menu.

2. Double-click **Local Area Connection** icon  and then click **Properties** button.

3. Select **Internet Protocol (TCP/IP)** and click **Properties** button.

There are two ways to assign an IP address. You can either obtain an IP address automatically or specify an IP address.

*If you want to obtain an IP address automatically*

4. Check the radio button for **Obtain an IP address automatically**.
5. Then you have to assign Domain Name System (DNS) server's IP address. Two methods are available: automatically obtain an IP address or manually specify an IP address for DNS server. If you can obtain DNS server address automatically, check the radio button for **Obtain DNS server address automatically** and proceed to step 10. Or if you can configure a DNS server address, then proceed to step 9.

*If you want to specify an IP address manually*

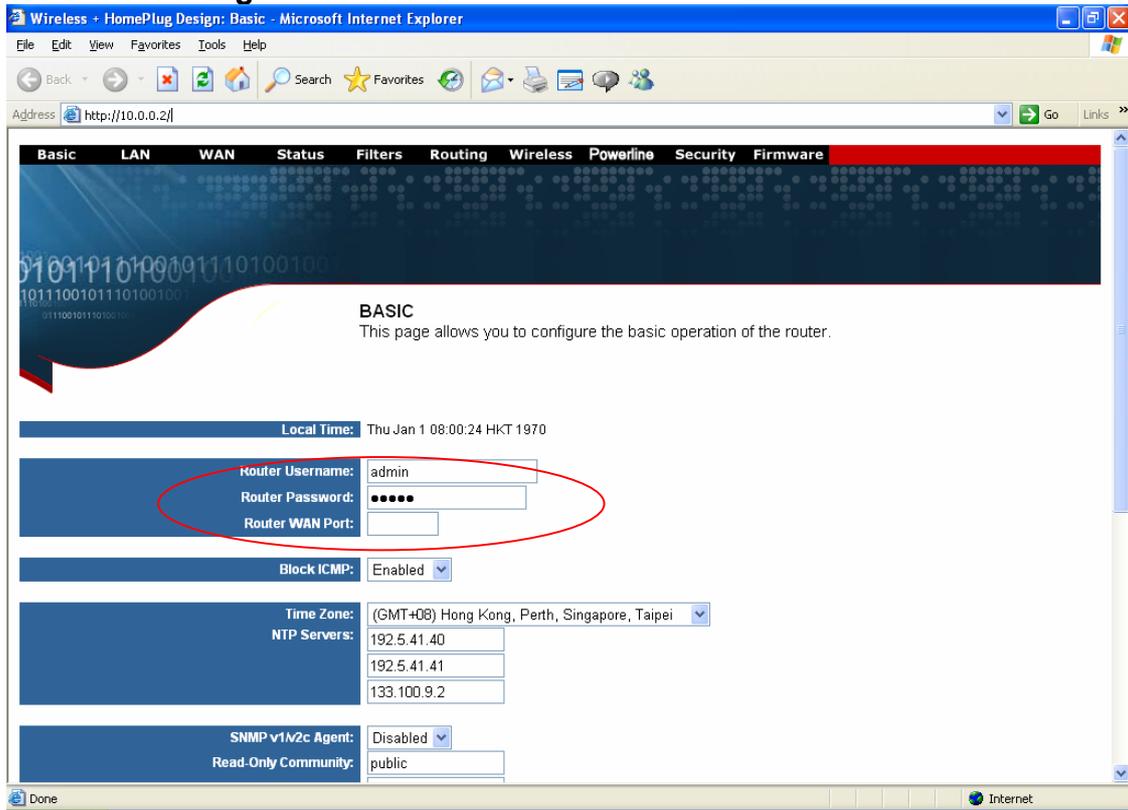
Contact your network administrator first to obtain a valid IP address for you to use. This IP address must be a unique address in the range of addresses that are available for your network.

6. Check the radio button for **Specify an IP address**. In the IP address box, type the assigned IP address. The default IP is 10.0.0.XXX.[any one besides 10.0.0.2].
7. In the Subnet mask box, type the subnet mask of your network. The default is 255.255.255.0.
8. In the Default gateway box, set the gateway address. The default is 10.0.0.2
9. Check the radio button for **Use the following DNS server addresses**. In the **Preferred DNS server** and **Alternate DNS server** boxes, input the IP addresses of DNS Server provided by your ISP.
10. Click **OK** button in the TCP/IP Properties window to complete the PC configuration, and click **Close** or the **OK** button to close the Network window.
11. To link your PC together with TPL-111BR by plugging an Ethernet cable or making a Wireless connection.

12. Open your web browser. Enter **http://10.0.0.2** in the web browser's address field, and press the **Enter** key.
13. A Login window will appear. Enter **admin** in the User Name field and enter **admin** in the Password field.

## 3 Basic & Homeplug network key setting

### 3.1 Basic setting



1. Set the router log in user name and password at the basic setting

## 4 LAN setting

LAN  
This page allows you to configure the LAN of the router.

MAC Address: 00:0B:C2:0B:01:06  
IP Address: 10.0.0.2  
Subnet Mask: 255.255.255.0

DHCP Server: Enabled  
DHCP Starting IP Address: 10.0.0.100  
DHCP Ending IP Address: 10.0.0.150  
DHCP Lease Time: 86400 seconds

Hostname	MAC Address	IP Address	Expires In
TESTPCXP1	00:11:43:56:6e:d9	10.0.0.112	23 hours, 55 minutes, 54 seconds

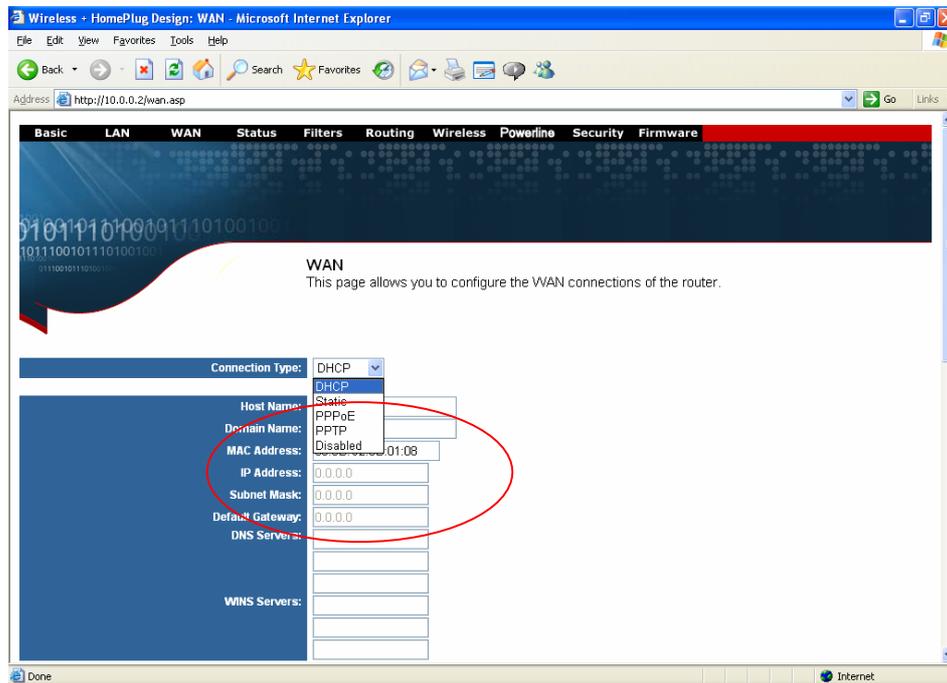
Spanning Tree Protocol: Disabled

IP Address	Subnet Mask	Gateway	Metric

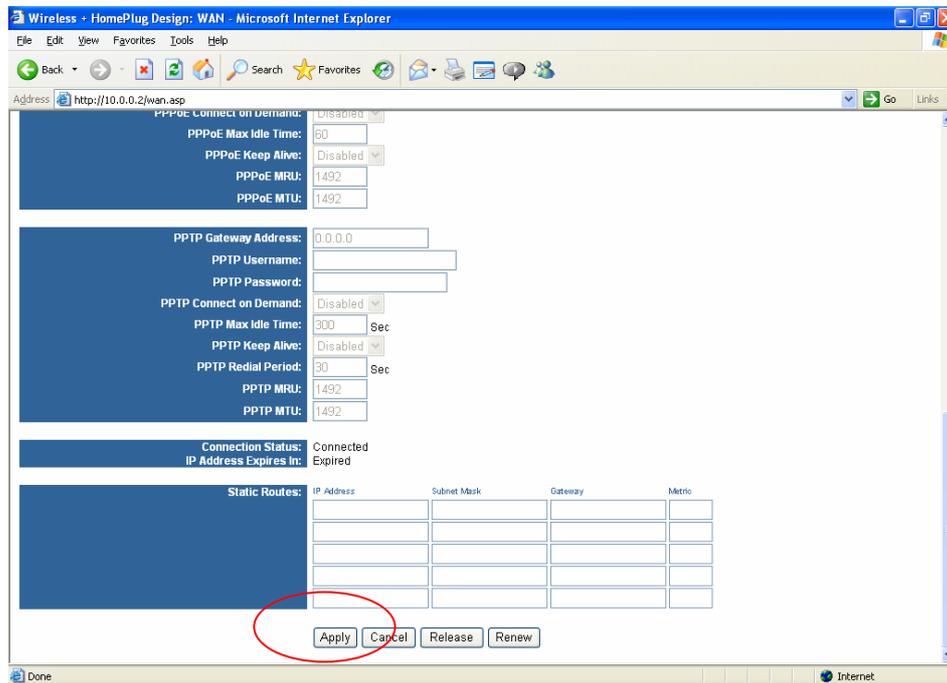
Apply Cancel

1. Set the LAN IP and subnet mask
2. Set the LAN DHCP server enable or disable
3. After setting press **Apply** to let the setting work

## 5 WAN SETTING



1. The WAN can set to DHCP client, static IP, PPPoE or Disabled



2. After setting ok, press **Apply** to let the setting work

## 6 Router Status

Wireless - HomePlug Design: Status - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Address http://10.0.0.2/status.asp Go Links

Basic LAN WAN Status Filters Routing Wireless Powerline Security Firmware

STATUS  
This page displays miscellaneous status information.

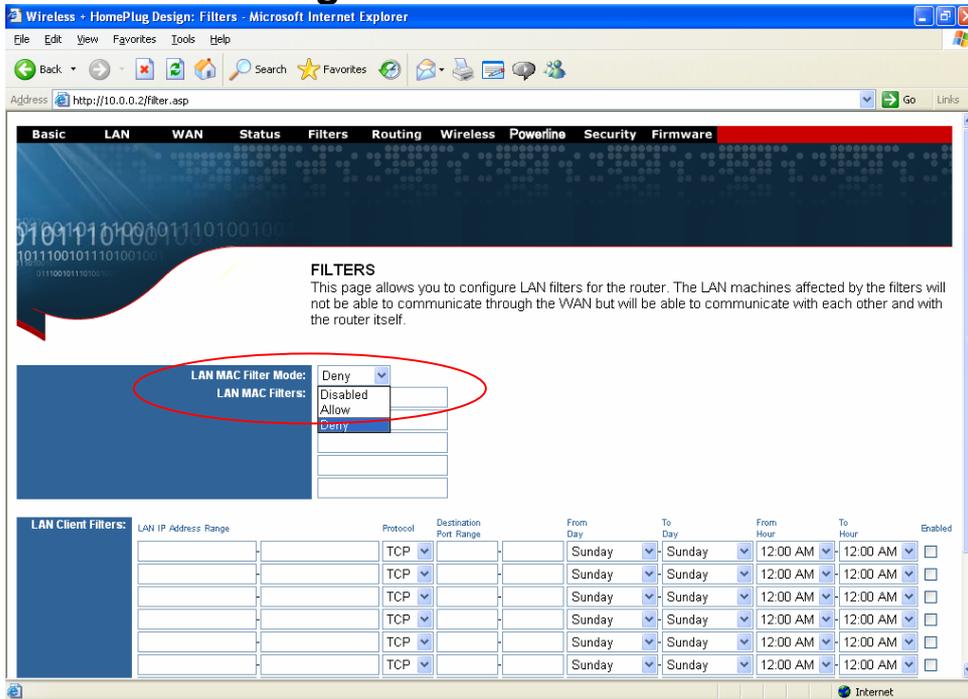
System Up Time: 5 minutes, 49 seconds

Connection Log:

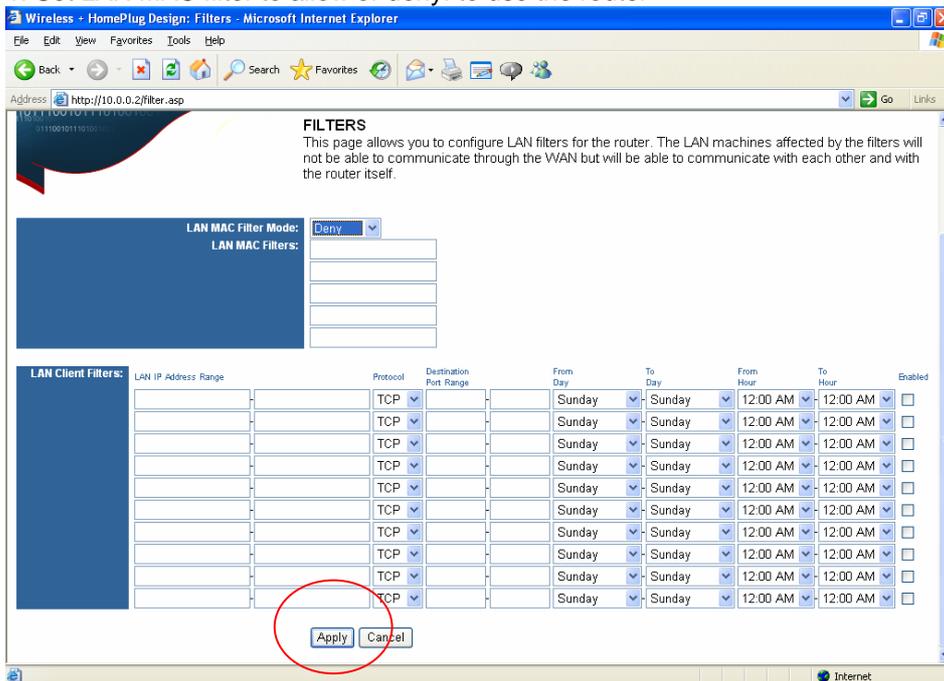
Done Internet

Show the router status information

# 7 Filters Setting

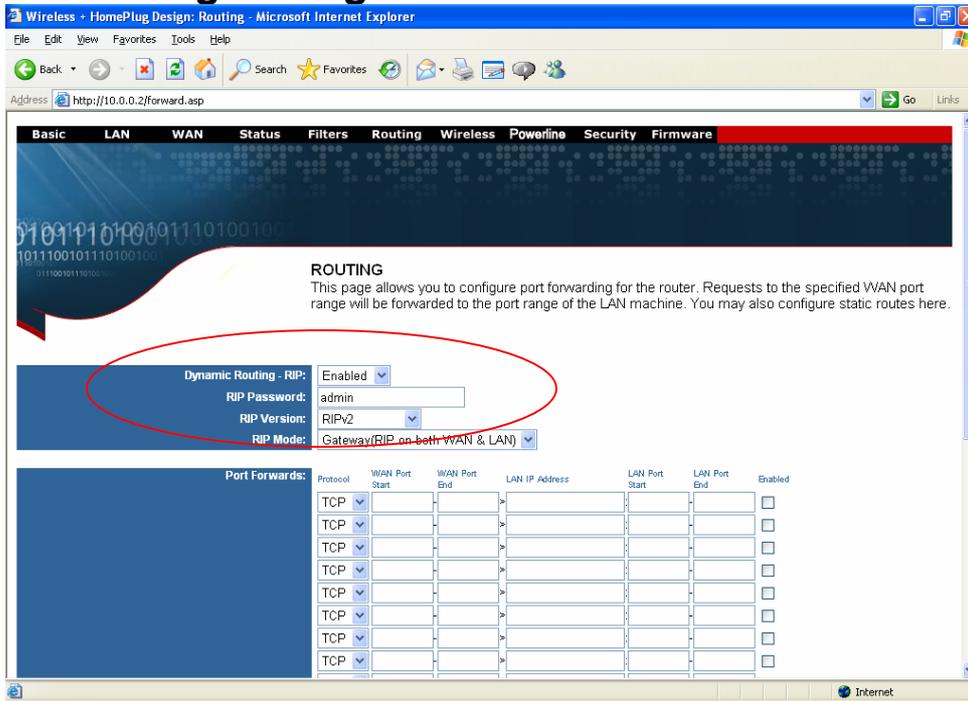


1. Set LAN MAC filter to allow or deny. to use the router

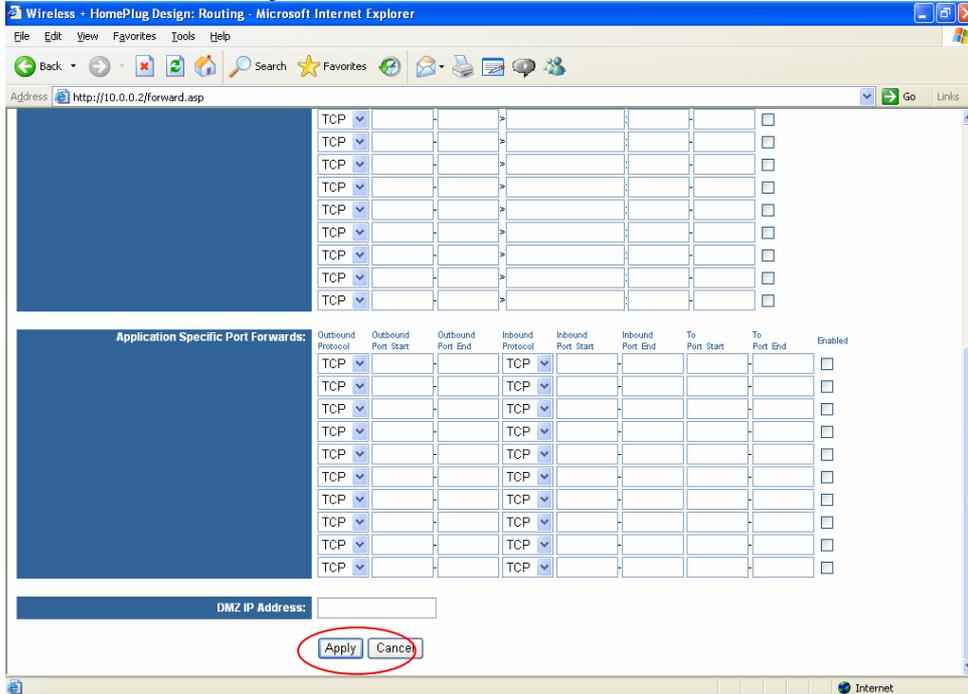


2. After setting, press **Apply** to let the setting work

# 8 Routing setting



## 1. Set the router routing mode to RIPV1 or RIPV2



## 2. After setting, press **Apply** to let the setting work

## 9 Wireless Setting

Basic LAN WAN Status Filters Routing Wireless Powerline Security Firmware

### WIRELESS

This page allows you to configure the wireless LAN interfaces.

Wireless Interface: default (00:0B:C2:0B:01:06) Select

Network Name (SSID): default

Network Type: Open

AP Isolation: Off

Country: AUSTRALIA Current AU

Radio: Enabled

Band: 802.11g (2.4 GHz) Current: 802.11g

Channel: 11 Current: 11

54g™ Mode: 54g Auto

54g Protection: Auto

Rate: Auto

Basic Rate Set: Default

Multicast Rate: Auto

1. Set the wireless SSID, country, channel, etc. (Default SSID was “default”)

Fragmentation Threshold: 2346

RTS Threshold: 2347

DTIM Interval: 3

Beacon Interval: 100

Preamble Type: Long

Enable XPress™ Technology: Off

Enable AfterBurner Technology: Off

WDS Operation Mode: Wireless Repeater

Bridge Restrict: Enabled

Remote Bridges:

MAC Restrict Mode: Disabled

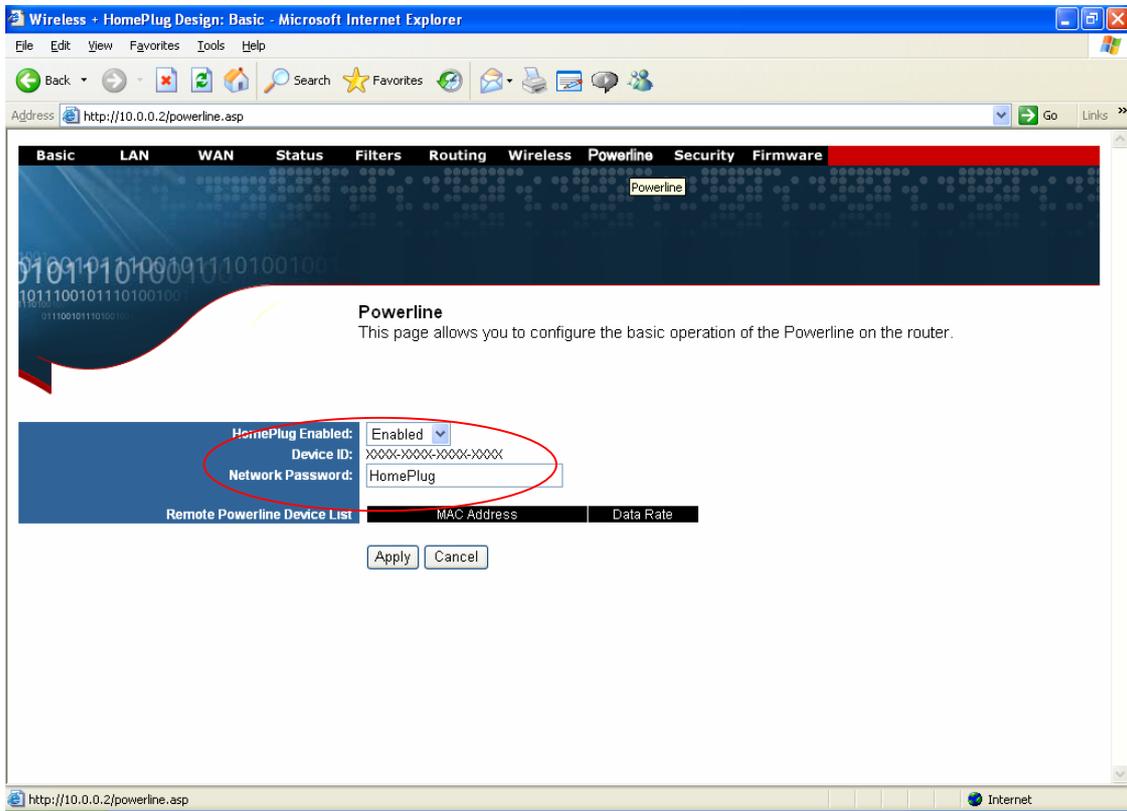
MAC Addresses:

Authenticated Stations: MAC Address Associated Authorized

Apply Cancel

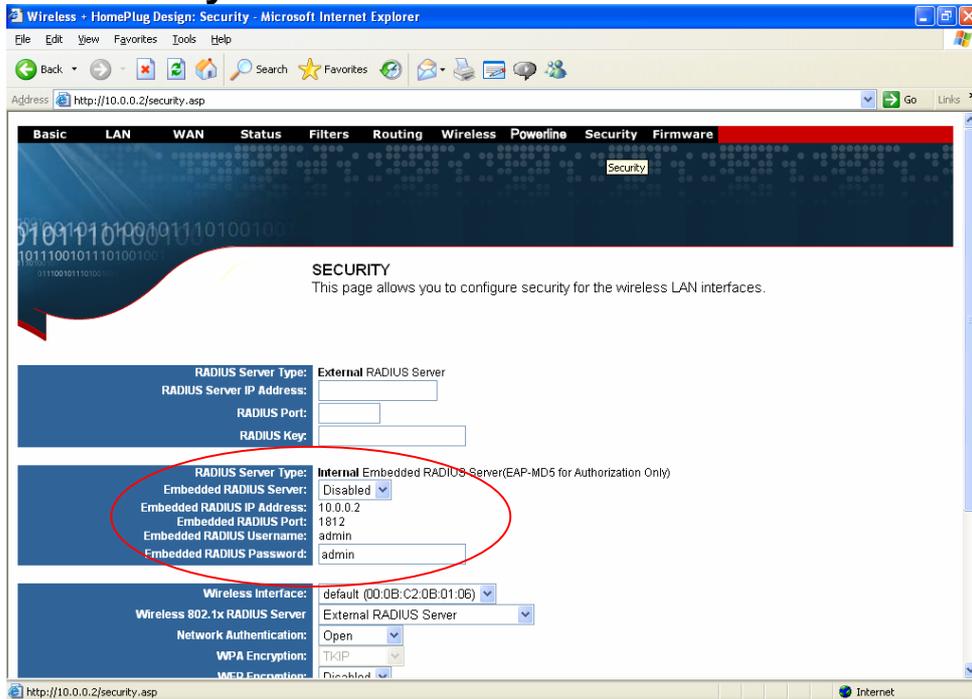
2. After setting, press **Apply** to let the setting work

# 10 Powerline

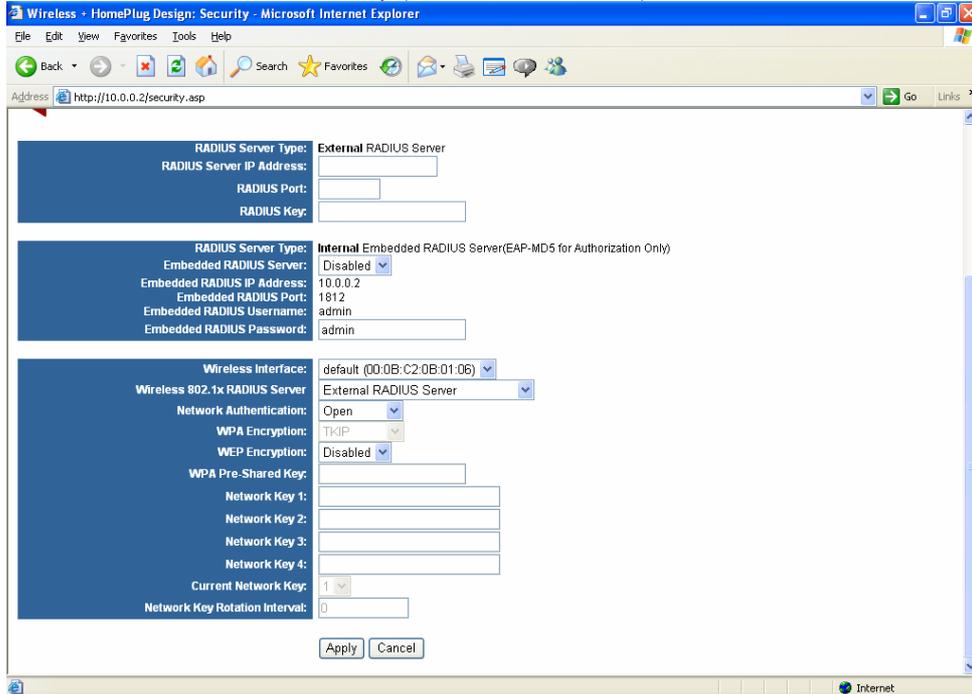


1. Set the Powerline network encryption key.

# 11 Security



## 1. Set the router wireless security (802.1X, WEP, etc...)



## 2. After setting, press **Apply** to let the setting work

## 12 Upgrade Firmware

Wireless - HomePlug Design: Firmware - Microsoft Internet Explorer

Address <http://10.0.0.2/firmware.asp>

Basic LAN WAN Status Filters Routing Wireless Powerline Security **Firmware**

Firmware

**FIRMWARE**  
This page allows you to upgrade the firmware.

Firmware Version: WHRTC-100GW 1.3.9

New Firmware:  Browse...

Upgrade

1. Upgrade the router firmware
2. The router will auto reboot after upgraded

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Go to TRENDware's website at <http://www.TRENDNET.com>

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