




# Configuring a BELKIN Router

Basic Configuration Steps

# Configuring Your Router

## STEP 1 (a): Connect Your PC to the Router

- Unbox the router and power up the router.
- Connect the Act internet cable to the WAN/Internet port (different colored port)of the router.
- An extra cable will be available with the router, take LAN cable connect one end to the LAN port(1-4) Of the router (any one port) and one end to the PC or Laptop.
- In the system press  key & R key together  +  to open Run dialog box.
- Type ipconfig on the command prompt (Black screen). The default gateway of the LAN or Ethernet adapter will be the Router address. (Ex:192.168.1.1)

```
C:\Users\USER>ipconfig
Windows IP Configuration

Wireless LAN adapter Wireless Network Connection:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . : ATRIA

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix  . :
IPv4 Address. . . . . : 192.168.1.101
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.1
```

## **STEP 1 (b): Connect Your Mobile**

- Switch on the router and connect ACT internet cable to the WAN/Internet port of the router
- Go to setting in the Mobile, turn on Wi-Fi and wait until the mobile detects router name press the router name to connect.
- If the router is already configured and the Wi-Fi password is known then go to settings in the Mobile
- Under “Wireless and Networks”, press Wi-Fi make sure "Wi-Fi" is turned on.
- Wait until the mobile detects router name press the router name if prompted enter the Wi-Fi password and press Connect.

## NOTE

- Every Router Configuration has two parts
  - Configuring the Internet Part, where we tell the Router how to connect to the internet.
  - Configuring the Wi-Fi Part, where we decide the name and password with which we connect to the Router
- Internet Configuration shown here will guide to configure the Router in PPPoE.
  - This will enable you to browse internet directly, every time you connect to the router. No need to login again and again.
- Wi-Fi Configuration has also been given, in order to ease the process of you connecting to the Router
  - SSID and Password Creation have been explained

## STEP 2: Logging into the Router

- When the gateway IP is entered in the browser, the login page appears. The usual usernames and passwords are,

Router Name	IP Address	Username	Password
Cisco or Linksys	192.168.1.1	admin	admin
D-Link	192.168.0.1	admin	(blank)
TP-Link	192.168.0.1	admin	admin
Netgear	192.168.1.1	admin	password
Belkin	192.168.2.1	Click on Login in Home	(blank)
Tenda	192.168.0.1	admin	admin
i-Ball Baton	192.168.1.1	admin	admin
Digisol	192.168.2.1	admin	1234 or admin
Asus	192.168.1.1	admin	admin

- If all the above credentials do not work, please check the back of the router where the username and password will be mentioned.

## STEP 2: Login into the router by leaving password blank

www.belkin.com/pyramid/AdvancedInfo/F5D8636-4A/Interfaces/F5D8636/index.html

**BELKIN** Router Setup Home | Help **Login** Internet Status:

**LAN Setup**  
LAN Settings  
DHCP Client List

**Internet WAN**  
Connection Type  
DNS  
MAC Address

**Wireless**  
Channel and SSID  
Security  
Wi-Fi Protected Setup  
MAC Address Control

### Login

Before you can change any settings, you need to login with a password. If you have not yet set a custom password, then leave this field blank and click "Submit."

**Password**  
Default = leave blank

Clear **Submit**

**Leave the password Blank**

### STEP 3: Go to Internet WAN and Click on Connection Type

Select PPPoE and Click on next, Type the portal page user name and portal page password, and

MTU size as 1492, and click on ApplyChanges.

#### WAN > Connection Type > PPPoE

To enter your PPPoE settings, type in your information below and click "Apply changes". [More Info](#)

Username >

Portal page  
Username and  
password

Password >

Retype Password

Service Name (Optional)

IP assigned by ISP

VPI/VCI

 / 

Encapsulation

MTU (500-1500) >

Do not make changes to the MTU setting unless your ISP specifically requires a different setting than 1454. [More Info](#)

Disconnect after  minutes of no activity. [More Info](#)

Clear Changes

Apply Changes

**BELKIN** Router Setup

**LAN Setup**  
LAN Settings  
DHCP Client List  
**Internet WAN**  
Connection Type  
DNS  
MAC Address

**Wireless**  
Channel and SSID  
Security  
Wi-Fi Protected Setup  
MAC Address Control

**Firewall**  
Virtual Servers

**WAN > Connection Type**

Select your connection type:

- PPPoE
- PPPoA
- Dynamic/Fixed IP (1483 Bridge)
- Static IP (IPoA)
- Modem only (Disable Internet Sharing)

Next >

**STEP 4:** Go to wireless and Click on channel and SSID, SSID will be your router name and Apply the changes



**BELKIN** Router Setup

**Wireless > Channel and SSID**

To make changes to the wireless settings of the router, make the changes here. Click "Apply Changes" to save the settings. [More Info](#)

Wireless Channel > 6

Extension Channel > 2

SSID > My Router Name

Wireless Mode > 802.11b&802.11g&802.11n [More Info](#)

Bandwidth > 20MHz

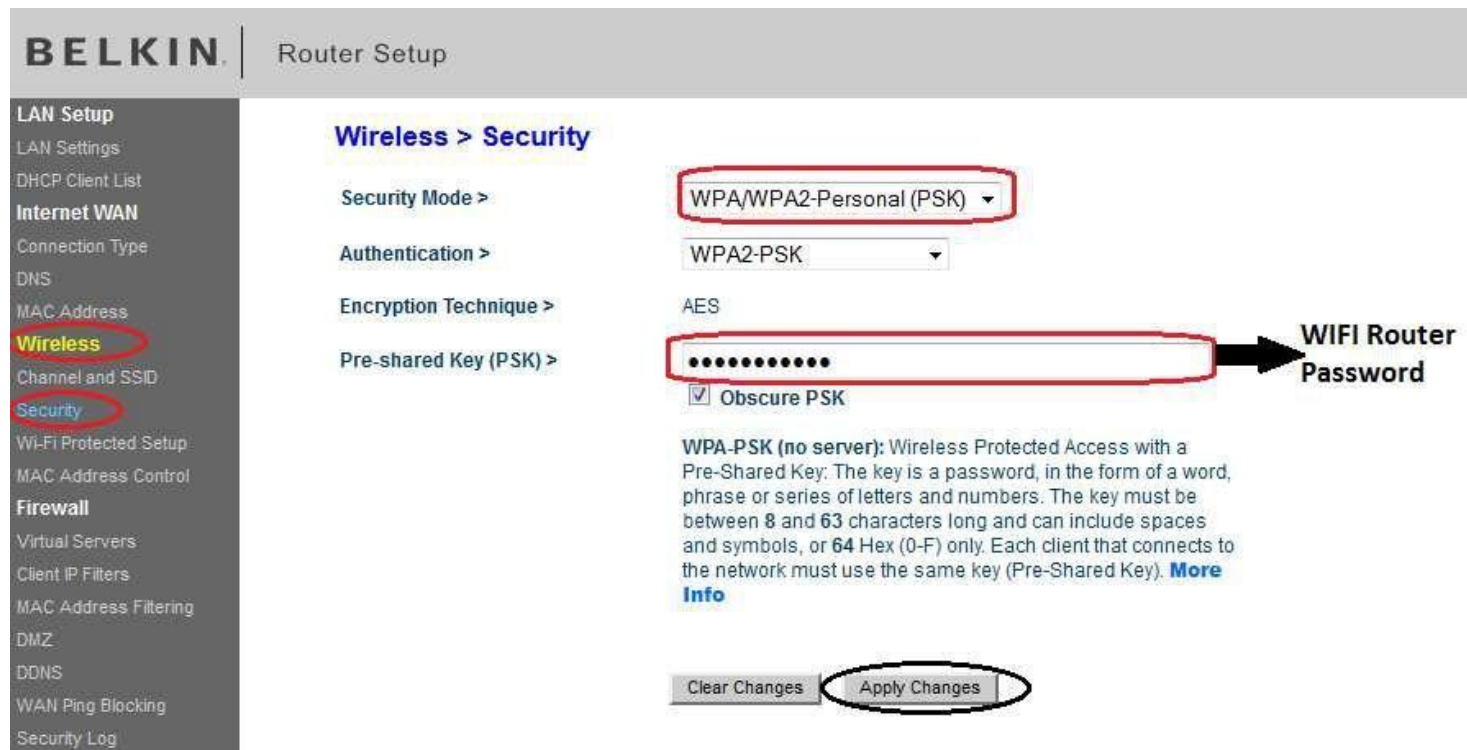
Broadcast SSID >  [More Info](#)

Protected Mode > OFF [More Info](#)

802.11e/WMM QoS > ON [More Info](#)



**Step 5:** Go to wireless and Click on Security, Change the Security mode as WPA/WPA2 (PSK), and type WIFI password below



**BELKIN** Router Setup

- LAN Setup
  - LAN Settings
  - DHCP Client List
- Internet WAN
  - Connection Type
  - DNS
  - MAC Address
  - Wireless**
  - Channel and SSID
  - Security**
  - Wi-Fi Protected Setup
  - MAC Address Control
- Firewall
  - Virtual Servers
  - Client IP Filters
  - MAC Address Filtering
  - DMZ
  - DDNS
  - WAN Ping Blocking
  - Security Log

**Wireless > Security**

Security Mode > WPA/WPA2-Personal (PSK)

Authentication > WPA2-PSK

Encryption Technique > AES

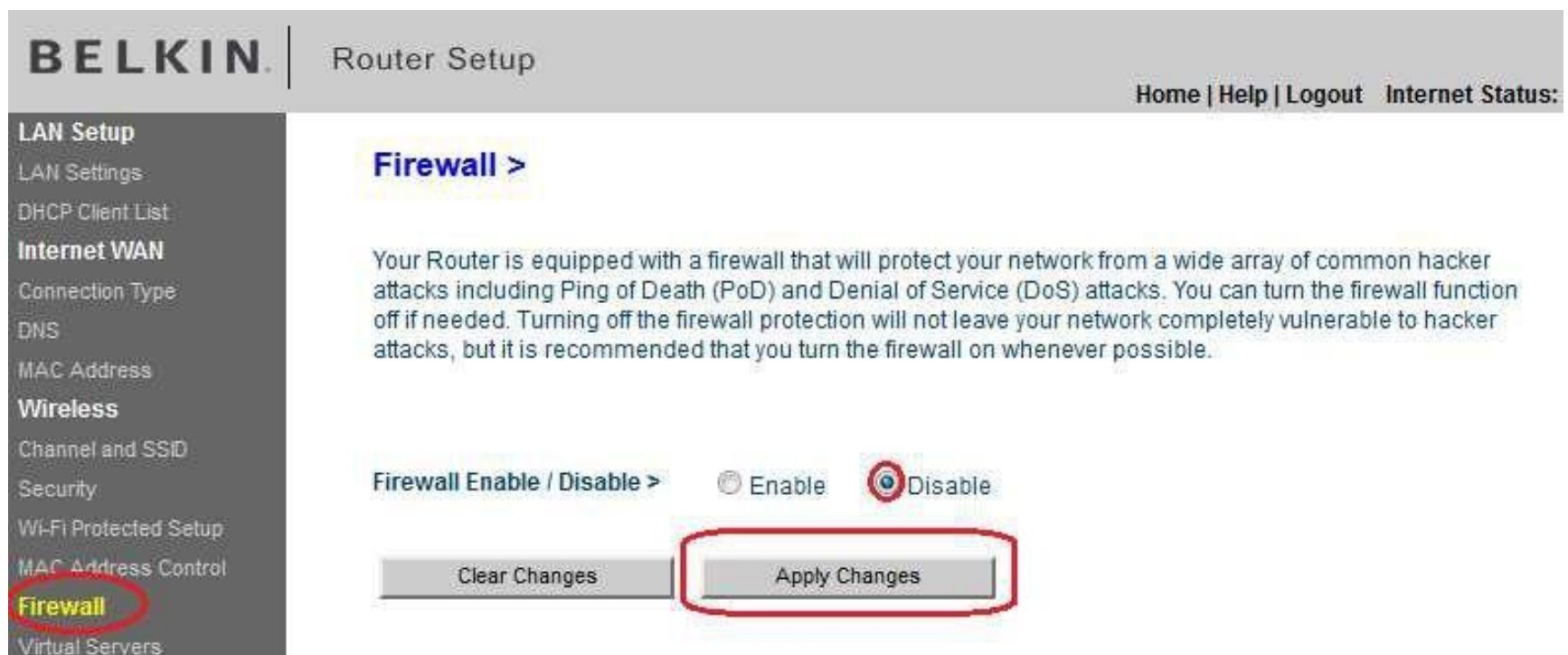
Pre-shared Key (PSK) > ●●●●●●●● **WIFI Router Password**

Obscure PSK

**WPA-PSK (no server):** Wireless Protected Access with a Pre-Shared Key: The key is a password, in the form of a word, phrase or series of letters and numbers. The key must be between 8 and 63 characters long and can include spaces and symbols, or 64 Hex (0-F) only. Each client that connects to the network must use the same key (Pre-Shared Key). [More Info](#)

Clear Changes **Apply Changes**

**STEP 6:** Click on Firewall and select disable and apply the changes.



The screenshot shows the Belkin Router Setup interface. The top navigation bar includes the Belkin logo, "Router Setup", and links for "Home | Help | Logout | Internet Status:". A left sidebar menu lists various setup options, with "Firewall" highlighted in yellow and circled in red. The main content area is titled "Firewall >" and contains a paragraph explaining the firewall's purpose. Below the text, there are radio buttons for "Enable" and "Disable", with "Disable" selected. At the bottom, there are two buttons: "Clear Changes" and "Apply Changes", with the latter circled in red.

**BELKIN** Router Setup Home | Help | Logout | Internet Status:

**LAN Setup**  
LAN Settings  
DHCP Client List

**Internet WAN**  
Connection Type  
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MAC Address

**Wireless**  
Channel and SSID  
Security  
Wi-Fi Protected Setup  
MAC Address Control  
**Firewall**  
Virtual Servers

**Firewall >**

Your Router is equipped with a firewall that will protect your network from a wide array of common hacker attacks including Ping of Death (PoD) and Denial of Service (DoS) attacks. You can turn the firewall function off if needed. Turning off the firewall protection will not leave your network completely vulnerable to hacker attacks, but it is recommended that you turn the firewall on whenever possible.

Firewall Enable / Disable >  Enable  Disable

Clear Changes Apply Changes

## Step 7: Home Page

- Go to the status page and look for PPPoE is connected and getting IP
- If you are getting an IP under PPPoE then Internet is established

**BELKIN** Router Setup Home | Help | Logout | Internet Status: **Connected**

**Status** Connect Disconnect

Language	
Current Language	English
Available Languages	English Français Deutsch Español Nederlands Italiano

Version Info	
Firmware Version	1.00.03 (Jul 9 2008 17:50:02)
Boot Version	V0.01
Hardware	F5D8636-4 v1 (01)
Serial No.	128318600087



LAN Settings	
LAN/WLAN MAC	00-1C-DF-E3-55-A1
IP Address	192.168.2.1
Subnet Mask	255.255.255.0
DHCP Server	Enabled (1 LAN, 0 WLAN Client)

Internet Settings	
WAN MAC Address	00-1C-DF-E3-55-A2
Connection Type	PPPoE
WAN IP	10.251.56.26
Subnet Mask	255.255.255.0
Default Gateway	10.251.0.1
DNS Address	202.83.21.12

Features	
Firewall Settings	Enabled
SSID	Belkin_N_ADSL_E355A1
Security	Disabled
UPnP	Enabled
Remote Management	Disabled
WPS	Enabled

## Changes to be made after Configuration

- If the Wi-Fi password is changed, we need to update the password in all the devices to get connected to the Internet.
- Changes in PC
  - **Windows 7:** Click on Windows button ☞ click on Control Panel ☞ click on Network and Internet ☞ click on Network and Sharing Centre.
  - In the Tasks pane(Left side of screen), click Manage wireless networks
  - Right-click the router name ☞ click Remove network ☞ click on OK.
  - Click on Network icon(right bottom corner next to system Time), click on Router name and enter the new Wi-Fi password and Connect.

- Changes in PC
  - **Win 8, 8.1:** Click on Network icon (right bottom corner next to system Time), Right click on Router name click on “Forget this network”. Again click on Router name, enter the new Wi-Fi password and Connect.
  - **Win 10:** Click on Network icon(right bottom corner next to system Time), click on Network settings under Wi-Fi click on Manage known Networks  Click on your Router name and Click on Forget, and again click on Network icon  click on Router name enter the new Wi-Fi password and Connect
- Mobile or Tablet
  - Go to ‘Settings’ in Mobile, turn on Wi-Fi and long press on your Router name and press “Forget network”. Again press the router name. You will be prompted to enter the Wi-Fi password.Enter the Password and Connect.