

iBall Baton 150m Wireless-N ADSL router configuration



Are you looking for some help to configure iBall baton 150m Wireless-N ADSL router? Let me tell you this...you will learn more than that today. I promise you that.

This guide will explain you in a step by step process on how to configure your iBall baton 150m wireless-n router.

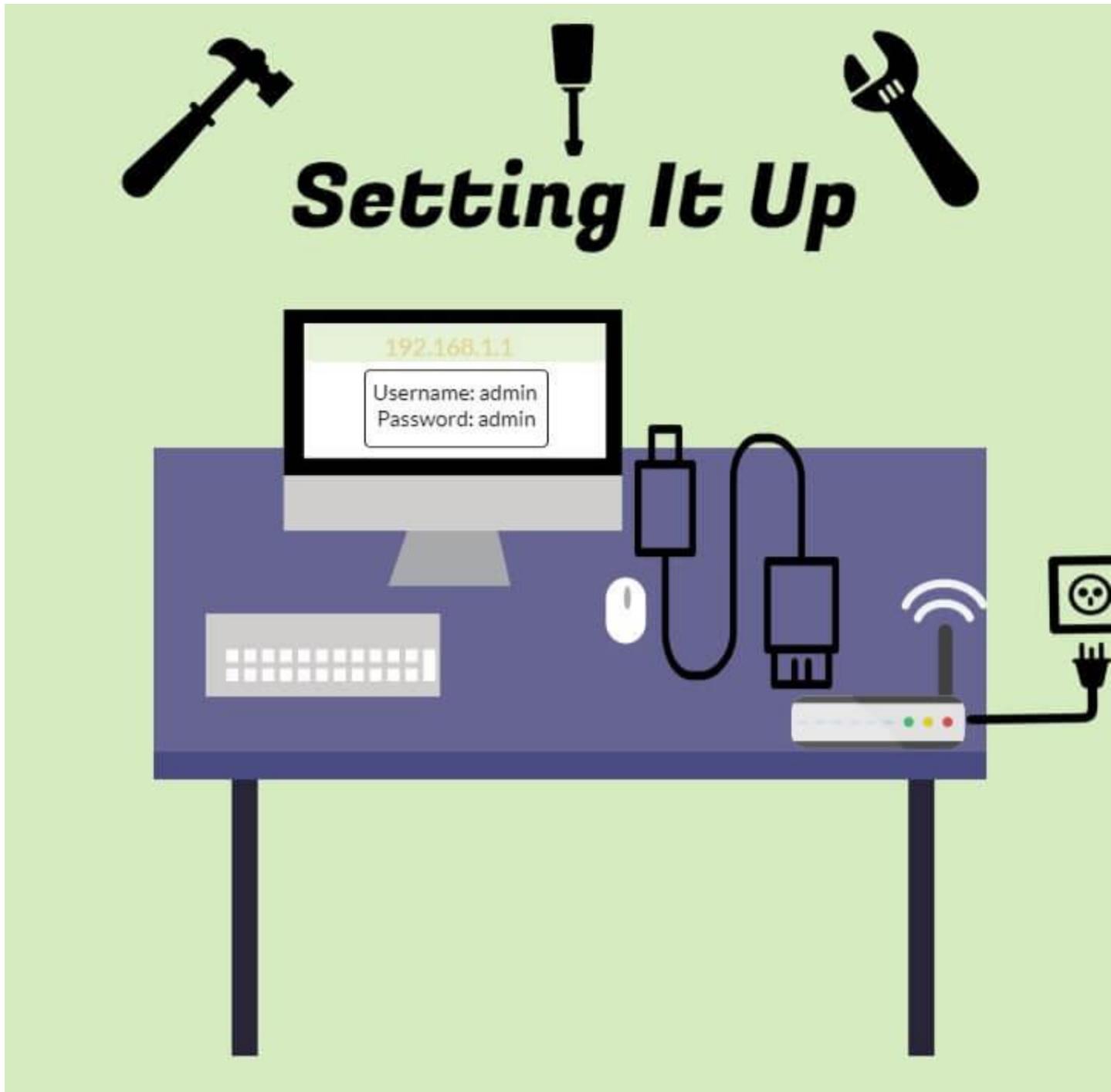
You might be using BSNL, Airtel, MTNL or Reliance as your ISP and I will include a complete tutorial covering all the major ISPs.

Steps involved In configuring your iBall Baton router

Follow the below-mentioned steps. Don't skip if you are not a pro. Happy learning...

STEP 1: Setting Up Your iBall router

First look at the below image carefully and try to understand the wiring system.



Plug in your router to an electric outlet. Take the RJ45(Lan cable), which is usually provided along with the modem and then insert one of its head on the LAN port of your router and connect the other end of the cable to your PC/Laptop.

Also, connect the telephone cable (RJ11) to the router's WAN port.

After completing the setup process, turn on your LAPTOP/PC and the router.

STEP 2: Login to your iBall router configuration page

Now, fire up any browser on your PC and type this into its address bar: **192.168.1.1**

You might wonder what was that? If I put it simply, this is your iBall router login IP address and whenever you need to make any changes to your router settings, you have to login with this IP.

Now, once you hit enter after putting that IP, a screen will popped up asking you to put a username and password. Like this:



Authentication Required

http://192.168.1.1 requires a username and password.
Your connection to this site is not secure

User Name:

Password:

Log In Cancel

Put username as **admin** and password also **admin**

If you are not able to login to your modem, then you need to probably Reset the modem from its back panel.

After putting username and password, a status page will appear like this which is also your iBall router login page:



Status

Quick Start

Network Setup

Advanced Setup

Access Management

Maintenance

Status

Device Info

System Log

Statistics

Device Information

Firmware Version : 3.0.0 Build 121128 Rel.11728

MAC Address : 00:1e:a6:23:8e:98

LAN

IP Address : 192.168.1.1

Subnet Mask : 255.255.255.0

DHCP Server : Enabled

Wireless

Current Connected Wireless Clients number is 0

ID

MAC

WAN

PVC	VPI/VCI	IP Address	Subnet	GateWay	DNS Server	Encapsulation	Status
PVC0	0/35	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	PPPoE	Down
PVC1	0/32	N/A	N/A	N/A	N/A	Bridge	Down
PVC2	1/32	N/A	N/A	N/A	N/A	Bridge	Down
PVC3	0/100	N/A	N/A	N/A	N/A	Bridge	Down
PVC4	8/35	N/A	N/A	N/A	N/A	Bridge	Down
PVC5	0/38	N/A	N/A	N/A	N/A	Bridge	Down
PVC6	0/33	N/A	N/A	N/A	N/A	Bridge	Down

ADSL

ADSL Firmware Version : FwVer:3.20.17.0_TC3087 HwVer:T14.F7_11.2

Line State : Down

Modulation : N/A

Annex Mode : N/A

Don't be overwhelmed with all these settings, most of us will only need a few feature of it and I am here to guide you for that. So, relax and let's head on to our next step.

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STEP 3: Get your broadband username and password

If you know your broadband username and password, that's good. Jump directly to step 4. But if you do not know what's your broadband username and password is, then you gotta contact your ISP. Simply dial customer care number and ask for your broadband username and password

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Here are the customer care numbers of some major ISPs that you might find useful:

BSNL Broadband customer support center: 18003451500

Airtel Broadband customer support center: 18001030121 (Fixed Line)

Reliance Broadband customer support center: 180030007777

Once you find your broadband username, we will move on to our next and final step.

STEP 4: Configuring your iBall router

Final step. After login to your router, click on [Network Setup](#) → [WAN](#)

At first, you might get overwhelmed with so many parameters, but trust me, you need only a few of them.

Let me show you.....

So the very first thing you need to do is put value for [VPI](#) and [VCI](#). The VPI and VCI value varies from ISP to ISP. Please follow the table listed below showing you the VPI and VCI values of different different ISPs.

ISP	VPI	VCI
BSNL	0	35
AIRTEL	1	32
MTNL	0	32
RELIANCE	0	35
TATA	0	33

I have shown below an iball router configuration page for BSNL broadband connection where VPI/VCI value is placed as 0/35. Rest of the values will remain same no matter which ISP you are using.

Now, look at the chart for VPI and VCI value of your ISP and put it on the respective field.

The screenshot shows the configuration page for the iBall Baton 150M Wireless-N ADSL2+ Router. The page is titled "iBall Baton 150M Wireless-N ADSL2+ Router" and "iB-WRA150N". The navigation menu includes "Network", "Quick Start", "Network Setup", "Advanced Setup", "Access Management", "Maintenance", "Status", and "Help". The "Network Setup" section is active, with sub-tabs for "WAN", "LAN", and "Wireless". The "WAN" tab is selected, and the "ATM VC" section is expanded. The "Virtual Circuit" field is set to "PVC0", and the "Status" is "Activated". The "VPI" field is set to "0" (range 0-255) and the "VCI" field is set to "35" (range 1-65535). The "ATM QoS" section is set to "UBR" with PCR, SCR, and MBS all set to "0". The "IP Version" is set to "IPv4". The "ISP" section is set to "PPPoA/PPPoE". The "PPPoE/PPPoA" section has "Servicename" as an empty field, "Username" as "as3711224", "Password" as "*****", and "Encapsulation" set to "PPPoE LLC". The "Bridge Interface" is set to "Deactivated". The "Connection" is set to "Always On (Recommended)". A "SAVE" button is at the bottom right.

Now select **ISP** as **PPPoA/PPPoE**.

Servicename - You can put any name here. Does not really matter. If you are using BSNL broadband then put it as 'BSNL'.

Username - This is important. Put your broadband username that your ISP has provided correctly. If you do not know what your broadband username is, then you can call your ISP customer care number. I have already mentioned the customer care number for some ISPs above.

Password - Please ask your ISP for your broadband password too. For BSNL broadband, the default password is password itself.

After filling the parameters that I have shown you above, hit the **SAVE** button. No need to make any changes here.

Configuring Wireless settings on your iBall router

To configure WiFi on your router, click on the **Network Setup** → **Wireless**

Click on Activated to turn on the Access point.

SSID - This would be your WiFi name that gets displayed when you turn on wifi on your smartphone or PC/Laptop. You can also give some fancy name like

!!Malware_Found\$\$!! to make it more secure.

Authentication Type - select WPA-PSK which is by far the most secure one.

Encryption - TKIP/AES.

Pre-Shared Key - Here you need to put a password for your WiFi. Put a strong password by including both special character and numerics.

That's it, no need to tweak any more settings. Hit the **SAVE** button now and voila, you're ready to go.

iBall Baton 150 Wireless-N ADSL2+ Router IB-WRA150N

Network | Quick Start | **Network Setup** | Advanced Setup | Access Management | Maintenance | Status | Help

WAN | LAN | **Wireless**

Access Point Settings

Access Point: Activated Deactivated

Channel: INDIA | Auto | Current Channel: 10

Transmit Power: High

Beacon Interval(ms): 100 (range: 20-1000)

RTS/CTS Threshold: 2347 (range: 1500-2347)

Fragmentation Threshold(bytes): 2346 (range: 256-2346, even numbers only)

DTIM(ms): 1 (range: 1-255)

Wireless Mode: Automatic(802.11b/g/n)

11n Settings

Channel Bandwidth: 20/40 MHz

Extension Channel: above the control channel

Guard Interval: AUTO

MCS: AUTO

Multiple SSIDs Settings

SSID Index: 1

PerSSID Switch: Activated Deactivated

Broadcast SSID: Yes No

Use WPS: Yes No

WPS Settings

WPS state: Unconfigured

WPS mode: PIN code PBC

Start WPS

WPS progress: Idle

Reset WPS

SSID: iBall-Baton

Authentication Type: WPA-PSK

WPA-PSK

Encryption: TKIP/AES

Pre-Shared Key: hackmeifucan66666 (8-63 ASCII characters or 64 hexadecimal characters)

WDS Settings

WDS Mode: On Off

WDS Encryption Type: TKIP

WDS Key: (8-63 ASCII characters or 64 hexadecimal characters)

Mac Address #1: 00 00 00 00 00 00

Mac Address #2: 00 00 00 00 00 00

Mac Address #3: 00 00 00 00 00 00

Mac Address #4: 00 00 00 00 00 00

SAVE

If you want to change wifi password of your iBall router in future then re-login with the IP address i.e 192.168.1.1 and change the value that is written under Pre-shared Key option. That simple....

I hope you have successfully configured your device by now. Since you have come to Bpedia, I want to add a bonus tip to for you guys to secure your modem.

Bonus Tip

First thing first.

To secure your iBall router, change the default login password which is usually cited as admin. You can do so by going under **Maintenance tab and clicking on **Administration**. Here, put a strong password for your iBall router and click on save.**

As soon as you click on save button, it will again ask for username and password again, put the new password now and re-login.

Don't forget to write down the new password though.

The **second thing you can do is change your default IP address of your router. In general, it is 192.168.1.1 but you can change it to some other IP like 192.168.1.5 to make it more secure. You can do that by going under **Network Setup** → **LAN** and change the **Main IP address**.**

When you click on the **Save button after changing the IP address of your iBall router, the page might reload for few minute. Close it and try to open the router page with changed IP address.**

You can also drop a message on our Facebook fan page if you need any support.

Please share it and support us by liking our page on **Facebook and following us on **Twitter** and **Google+**. Keep visiting Bpedia. See you soon.**