

# Лесни стъпки за настройка на рутер TP – Link

1. Рутера се закача към персоналния компютър (ПК) с lan -кабел или безжично .
2. В началната страница на менюто на всеки рутер се влиза през браузър (Internet Explorer, Google Chrome, Mozilla Firefox и др.).
3. Нужна е информация, какъв точно е Default Gateway , който е взел персоналния компютър . В случая **192.168.0.1** Ако има съмнения се проверява Default Gateway от Status на мрежовата карта.
4. Този IP адрес трябва да се напише в лентата на браузъра, за да се отвори страница с менюто на рутера , като стандартен адрес на коя да е страница.
5. Изисква се потребителско име : **admin** и парола: **admin** , за достъп до менюто на рутера.

**TP-LINK®** 300Mbps Multi-Function Wireless N Router  
Model No. TL-WR842ND

**Status**

Firmware Version: 3.12.22 Build 120424 Rel.39632n  
Hardware Version: WR842ND v1.00000000

**LAN**

MAC Address: A0-F3-C1-52-52-A8  
IP Address: 192.168.0.1  
Subnet Mask: 255.255.255.0

**Wireless**

Wireless Radio: Enable  
Name (SSID): TL-WR842ND-T  
Channel: Auto (Current channel 4)  
Mode: 11bgn mixed  
Channel Width: Automatic  
Max Tx Rate: 300Mbps  
MAC Address: A0-F3-C1-52-52-A8  
WDS Status: Disable

**WAN**

MAC Address: A0-F3-C1-52-52-A9  
IP Address: 46.55.130.74 Dynamic IP  
Subnet Mask: 255.255.240.0  
Default Gateway: 46.55.128.1 Release  
DNS Server: 46.55.222.38 , 46.55.222.6

**Status Help**

The **Status** page displays the Router's current status and configuration. All information is read-only.

**LAN** - The following parameters apply to the LAN port of the Router. You can configure them in the **Network** -> **LAN** page.

- **MAC Address** - The physical address of the Router, as seen from the LAN.
- **IP Address** - The LAN IP address of the Router.
- **Subnet Mask** - The subnet mask associated with LAN IP address.

**Wireless** - These are the current settings or information for Wireless. You can configure them in the **Wireless** -> **Wireless Settings** page.

- **Wireless Radio** - Indicates whether the wireless radio feature of the Router is enabled or disabled.
- **Name (SSID)** - The SSID of the Router.
- **Channel** - The current wireless channel in use.
- **Mode** - The current wireless mode which the Router works on.
- **Channel Width** - The bandwidth of the wireless channel.
- **Max Tx Rate** - The maximum tx rate.
- **MAC Address** - The physical address of the Router, as seen from the WLAN.
- **WDS Status** - The status of WDS' connection, Init: WDS connection is down; Scan: Try to find the AP; Auth: Try to authenticate; ASSOC: Try to associate; Run: Associated successfully.

**WAN** - The following parameters apply to the WAN ports of the Router. You can configure them in the **Network** -> **WAN** page.

- **MAC Address** - The physical address of the WAN port, as seen from the Internet.
- **IP Address** - The current WAN (Internet) IP Address. This field will be blank or 0.0.0.0 if the IP Address is assigned dynamically and there is no connection to Internet.
- **Subnet Mask** - The subnet mask associated with the WAN IP Address.
- **Default Gateway** - The Gateway currently used by the Router is shown here. When you use **Dynamic IP** as the connection Internet type, the **Renew** button will be displayed here. Click the **Renew** button to obtain new IP parameters dynamically from the ISP. And if you have got an IP address **Release** button will be displayed here. Click the **Release** button to release the IP

6. В ляво е менюто на рутера ; в средата е работната среда, в която се нанасят промени по настройките ; в дясно се обяснява значението на всяка посочена функция.

7. Минималните настройките, които трябва да се променят са настройките на WAN порта и настройките на безжичната свързаност. Съответно на опция **Network** с подменю **WAN**, опция **Wireless** с подменю **Wireless Settings** и опция **Wireless Security**.

**TP-LINK®** 300Mbps Multi-Function Wireless N Router  
Model No. TL-WR842ND

**WAN**

WAN Connection Type:

IP Address: 46.55.130.74

Subnet Mask: 255.255.240.0

Default Gateway: 46.55.128.1

MTU Size (in bytes):  (The default is 1500, do not change unless necessary.)

Use These DNS Servers

Primary DNS:

Secondary DNS:  (Optional)

Host Name:

Get IP with Unicast DHCP (It is usually not required.)

**WAN Help**

**WAN Connection Type:**

If your ISP is running a DHCP server, select the **Dynamic IP** option.

If your ISP provides a static or fixed IP Address, Subnet Mask, Gateway and DNS setting, select the **Static IP** option.

If your ISP provides a PPPoE connection, select **PPPoE/Russia PPPoE** option.

If your ISP provides BigPond Cable (or Heart Beat Signal) connection, please select **BigPond Cable** option.

If your ISP provides L2TP connection, please select **L2TP/Russia L2TP** option.

If your ISP provides PPTP connection, please select **PPTP/Russia PPTP** option.

If you don't know how to choose the appropriate connection type, click the **Detect** button to allow the Router to automatically search your Internet connection for servers and protocols. The connection type will be reported when an active Internet service is successfully detected by the Router. This report is for your reference only. To make sure the connection type your ISP provides, please refer to the ISP. The various types of Internet connections that the Router can detect are as follows:

- **PPPoE/Russia PPPoE** - Connections which use PPPoE that requires a user name and password.
- **Dynamic IP** - Connections which use dynamic IP address assignment.
- **Static IP** - Connections which use static IP address assignment.

**IP Address** - The IP address assigned by your ISP dynamically.

**Subnet Mask** - The subnet mask assigned by your ISP dynamically.

**Default Gateway** - The default gateway assigned dynamically by your ISP.

Click the **Renew** button to renew the IP parameters from your ISP.

Click the **Release** button to release the IP parameters from your ISP.

8. Ползването на услугата интернет в мрежата на **DC Corporation**, чрез кабелен модем, не предоставя статичен IP адрес. За да се настрои правилно рутера, в съответствие с предлаганата услуга се избира от менюто на рутера – в ляво **Network**, последван от избор на подменю **WAN**. В работната среда се отбелязва опция **Dynamic IP** и задължително се натиска бутон **Save**, по – долу в същата среда.

Status

Quick Setup

WPS

Network

**Wireless**

Wireless Settings

Wireless Security

Wireless MAC Filtering

Wireless Advanced

Wireless Statistics

DHCP

VPN

USB Settings

Forwarding

Security

Parental Control

Access Control

Advanced Routing

Bandwidth Control

IP & MAC Binding

Dynamic DNS

System Tools

### Wireless Settings

SSID1:

SSID2:  Enable

SSID3:  Enable

SSID4:  Enable

Region:

Warning: Ensure you select a correct country to conform local law. Incorrect settings may cause interference.

Channel:

Mode:

Channel Width:

Max Tx Rate:

Enable Wireless Router Radio

Enable SSID Broadcast

Enable WDS

#### Wireless Settings Help

**Note:** The operating distance or range of your wireless connection varies significantly based on the physical placement of the Router. For best results, place your Router.

- Near the center of the area in which your wireless stations will operate.
- In an elevated location such as a high shelf.
- Away from the potential sources of interference, such as PCs, microwaves, and cordless phones.
- With the Antenna in the upright position.
- Away from large metal surfaces.

**Note:** Failure to follow these guidelines can result in significant performance degradation or inability to wirelessly connect to the Router.

**Wireless Network Name** - Enter a value of up to 32 characters. The same Name (SSID) must be assigned to all wireless devices in your network. You can select the checkbox to enable multiple SSIDs.

**Region** - Select your region from the pull-down list. This field specifies the region where the wireless function of the Router can be used. It may be illegal to use the wireless function of the Router in a region other than one of those specified in this field. If your country or region is not listed, please contact your local government agency for assistance.

**Channel** - This field determines which operating frequency will be used. It is not necessary to change the wireless channel unless you notice interference problems with another nearby access point. If you select auto, then AP will choose the best channel automatically.

**Mode** - If all of the wireless devices connected with this wireless router can connect in the same transmission mode (eg. 802.11b), you can choose "Only" mode (eg. 11b only). If you have some devices that use a different transmission mode, choose the appropriate "Mixed" mode.

**Channel Width** - The bandwidth of the wireless channel.

**Max Tx Rate** - You can limit the maximum tx rate of the Router through this field.

**Enable Wireless Router Radio** - The wireless radio of the Router can be enabled or disabled to allow wireless stations access. If enabled, the wireless stations will be able to access the Router, otherwise, wireless stations will not be able to access the Router.

9. За да се смени името на рутера, от менюто му се избира опция **Wireless** и подменю **Wireless Settings**. В работната среда, в полето след **SSID1** се изписва името, с което ще се търси, като безжична мрежа с лаптоп/смартфон. Добавят се отметки на опции **Enable Wireless Router Radio** и **Enable SSID Broadcast**. Задължително настройките се запаметяват с бутон **Save**.

IP & MAC Binding

Dynamic DNS

**System Tools**

**WPA-PSK/WPA2-PSK**

Version:

Encryption:

PSK Password:

(You can enter ASCII characters between 8 and 63 or Hexadecimal characters)

Group Key Update Period:  (in second, minimum is 30, 0 means no update)

The change of wireless config will not take effect until the AP reboots, please [click here](#) to reboot.

format. ASCII Format stands for any combination of keyboard characters in the specified length. Hexadecimal format stands for any combination of hexadecimal digits (0-9, a-f, A-F) in the specified length.

**WEP Key settings** - Select which of the four keys will be used and enter the matching WEP key information for your network in the selected key radio button. These values must be identical on all wireless stations in your network.

**Key Type** - You can select the WEP key length (64-bit, or 128-bit, or 152-bit) for encryption. "Disabled" means this WEP key entry is invalid.

- For **64-bit** encryption - You can enter 10 hexadecimal digits (any combination of 0-9, a-f, A-F, and null key is not permitted) or 5 ASCII characters.
- For **128-bit** encryption - You can enter 26 hexadecimal digits (any combination of 0-9, a-f, A-F, and null key is not permitted) or 13 ASCII characters.
- For **152-bit** encryption - You can enter 32 hexadecimal digits (any combination of 0-9, a-f, A-F, and null key is not permitted) or 16 ASCII characters.

10. За да влязат в сила промените, менюто предлага, да се рестартира устройството. **Всеки път, когато менюто поиска рестарт е желателно той да се направи.** Рестарта подsigурява успешното прилагане на промените.

**Wireless Security Help**

You can select one of the following security options:

- Disable Security** - The wireless security function can be enabled or disabled. If disabled, the wireless stations will be able to connect the Router without encryption. It is recommended strongly that you choose one of following options to enable security.
- WEP** - Select 802.11 WEP security.
- WPA/WPA2 - Personal** - Select WPA based on pre-shared passphrase.
- WPA/WPA2 - Enterprise** - Select WPA based on Radius Server.

Each security option has its own settings as described follows.

**WEP**

**Type** - You can select one of following types.

- Automatic** - Select **Shared Key** or **Open System** authentication type automatically based on the wireless station's capability and request.
- Shared Key** - Select 802.11 Shared Key authentication.
- Open System** - Select 802.11 Open System authentication.

**WEP Key Format** - You can select ASCII or Hexadecimal format. ASCII Format stands for any combination of keyboard characters in the specified length. Hexadecimal format stands for any combination of hexadecimal digits (0-9, a-f, A-F) in the specified length.

**WEP Key settings** - Select which of the four keys will be used and enter the matching WEP key information for your network in the selected key radio button. These values must be identical on all wireless stations in your network.

**Key Type** - You can select the WEP key length (**64-bit**, or **128-bit**, or **152-bit**) for encryption. "Disabled" means this WEP key entry is invalid.

- For **64-bit** encryption - You can enter 10 hexadecimal digits (any combination of 0-9, a-f, A-F, and null key is not permitted) or 5 ASCII characters.
- For **128-bit** encryption - You can enter 26 hexadecimal digits (any combination of 0-9, a-f, A-F, and null key is not permitted) or 13 ASCII characters.
- For **152-bit** encryption - You can enter 32 hexadecimal digits (any combination of 0-9, a-f, A-F, and null key is

11. Парола на безжичната мрежа се задава , като от менюто на рутера се избита опция **Wireless** и подменю **Wireless Security** . В работната среда се поставя отметка пред **WPA-PSK/WPA2-PSK** . Избира се **Version : WPA2-PSK** , настройка **Encryption** се остава **Automatic**. В полето **PSK Password** се въвежда желана парола / в случая , като пример е зададена 070019933 / . В полето след настройка **Group Key Update Period** - период на обновяване на паролата , трябва да се въведе минимум **30**, ако се остави **0** , то тя не се обновява. Задължително се запазват настройките с бутон **Save**.

12. Рестарт на персоналния компютър.

13. Рестарт на модема и рутера , като се **изключат по отделно двете устройства от адаптерите** / не като цяло разклонителя, в които са включени , копчето за активност на разклонителя или каквито и да е бутони на самите модем и рутер / . **Включва се адаптера на модема и след забелязване на светлинна индикация на предния му панел се включва и адаптера на рутера**. Изчаква се няколко секунди за откриване и разпознаване на мрежата.

При желание за посещение за настройка на рутер от техническо лице – служител на DCCorporation , можете да се свържете с нас на телефон 07001 99 33.