

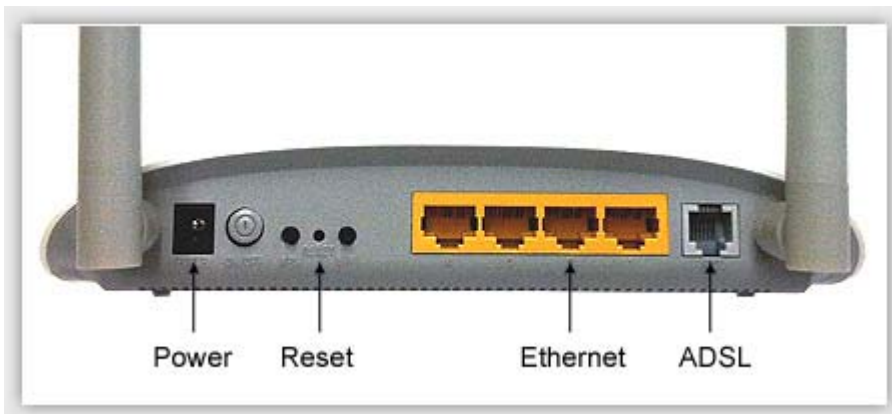
Installation Guide - TP-LINK TD-W8961ND Wireless Modem Router

Getting Your Internet Running

Check your modem package contents. It should contain the items shown here:

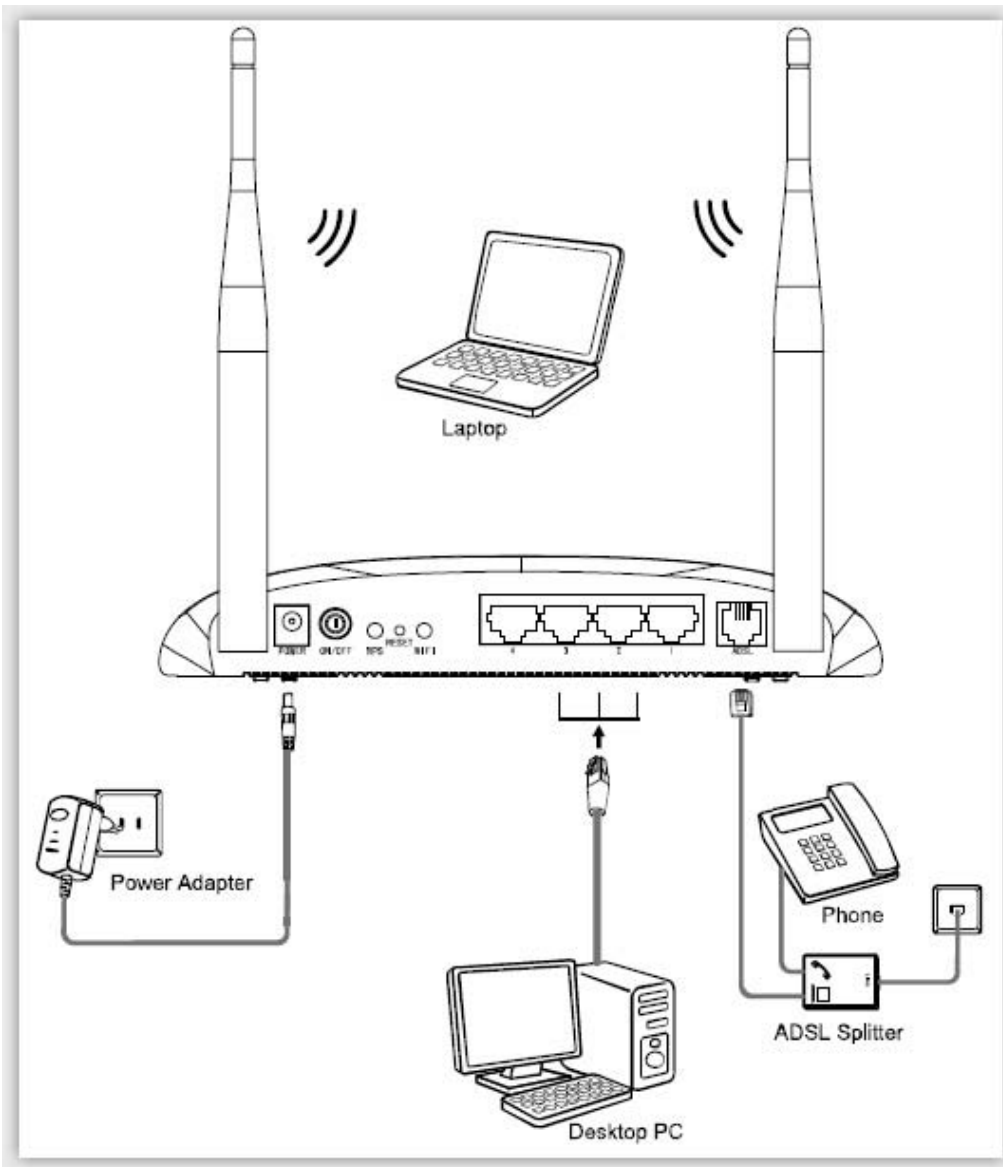


Familiarize yourself with the back of your modem



- **Power** - The Power plug is where you will connect the power adapter.
 - **ADSL** - Connect the modem to your phone line with a telephone cable (RJ11 cable).
 - **Ethernet** - These ports are used for wired Ethernet connections.
 - **Reset** - Reset modem to factory default.
- DO NOT Reset** Your modem has been pre-programmed. [Contact us](#) if you have any question.

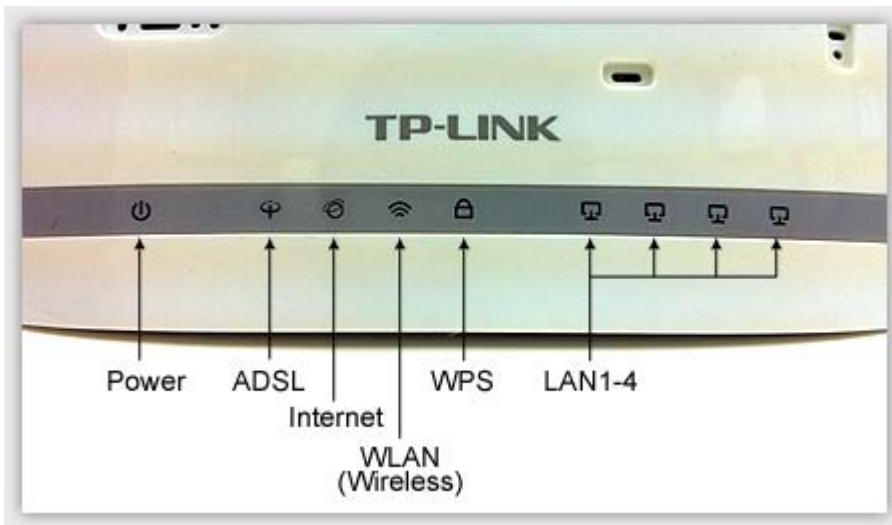
Connect Your Modem



Before cable connection, cut off the power supply and keep your hands dry. You can follow the steps below to install it.

1. Use ADSL Splitter, The splitter has three ports:
 - **LINE:** Connect to the wall jack
 - **PHONE:** Connect to the phone sets
 - **MODEM:** Connect to the ADSL port of your Modem
2. Plug one end of the telephone (RJ11) cable into your modem ADSL port and other end to the MODEM port of the ADSL splitter
3. Connect one end of a network (RJ45) cable to your computer's Ethernet port and the other end to the Ethernet port on the modem.
4. Power on the computers and modem
5. Wait for 60 seconds until modem initialized
6. Open Web browser and enjoy internet surfing
7. To use wireless connection, from your wireless device, select the Network Name and enter the Wireless Key (both are labelled at the bottom of you modem).

Front Panel LED Explanation:

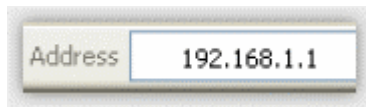


- **Power** - The modem router is powered on.
- **ADSL** - ADSL line is synchronized and ready to use.
If this light is off, refer to sect. **Connect Your Modem** and check the ADSL port connection.
- **Internet** - Internet success connected.
If this light is off, follow the next section **Set up Your Internet Connection**.
- **LAN 1-4** - There is a device connected to the Ethernet port.
- **WLAN** - Wireless is enabled

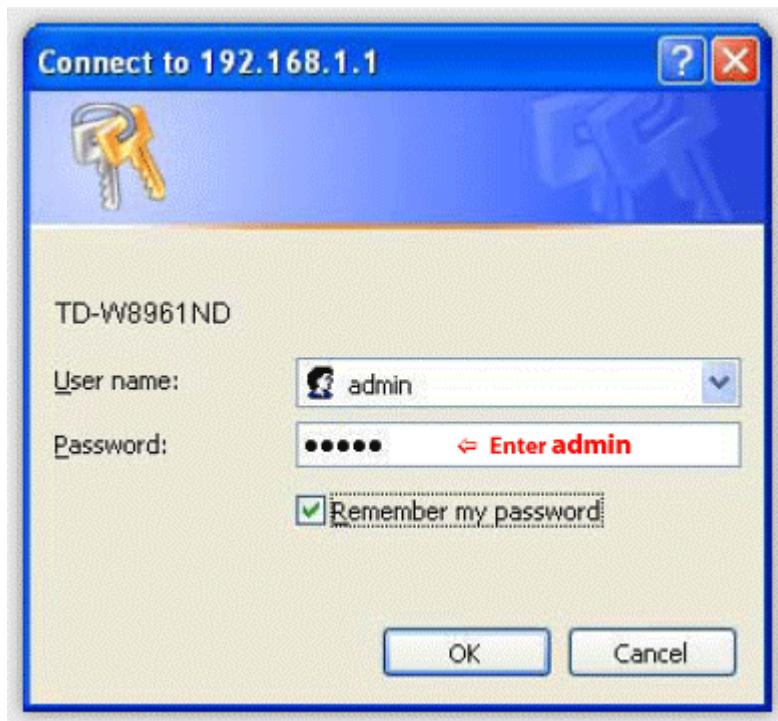
Setup Internet Connection

Your Modem has been pre-programmed. Normally you may skip the sections below. Followings are for your reference.

1. Start your web browser (eg. IE, Firefox), type the IP address in the URL field: **192.168.1.1**



2. In the login window, enter the default User Name **admin** and the default Password **admin** (in lower case), and then click **OK**



3. Click **Interface Setup** -> **Internet** from menu, configure the parameters as below, and then click **Save**

TP-LINK® 300Mbps Wireless N ADSL2+ Modem Router

Click

Interface Setup

Quick Start Interface Setup Advanced Setup Access Management Maintenance Status Help

Internet LAN Wireless

Click

ATM VC

Virtual Circuit: PVC2 PVCs Summary Select PVC2

Status: ☒ Activated ☐ Deactivated

VPI: 0 (range: 0~255)

VCI: 35 (range: 1~65535) Enter 35

QoS

ATM QoS: UBR

PCR: 0 cells/second

SCR: 0 cells/second

MBS: 0 cells

Encapsulation

ISP: ☐ Dynamic IP Address ☐ Static IP Address ☒ PPPoA/PPPoE Pick PPPoA/PPPoE ☐ Bridge Mode

PPPoE/PPPoA

Service name: World-Link DSL

Username: Enter User ID from World-Link

Password: Enter Password from World-Link

Encapsulation: PPPoE LLC

Bridge Interface: ☐ Activated ☒ Deactivated

Connection Setting

Connection: ☒ Always On (Recommended) ☐ Connect On-Demand (Close if idle for 0 minutes) ☐ Connect Manually

TCP MSS Option: TCP MSS(default:1400) 1400 bytes

IP Address

Get IP Address: ☐ Static ☒ Dynamic

Static IP Address: 0.0.0.0

IP Subnet Mask: 0.0.0.0

Gateway: 0.0.0.0

NAT: Enable

Default Route: ☒ Yes ☐ No

TCP MTU Option: TCP MTU(default:1480) 1442 bytes Enter 1442

Dynamic Route: RIP2-B Direction: Both

Multicast: Disabled

Click

SAVE

This is the User ID & Password World-Link have sent to you.

Setup Wireless Network

Your Modem has been pre-programmed. Normally you may skip the sections below. Followings are for your reference.

1. Follow the section [Setup Internet Connection](#) step 1 & 2 to login your modem.
2. Click **Interface Setup** -> **Wireless** from menu, configure the parameters as below, and then click **Save**

TP-LINK® 300Mbps Wireless N ADSL2+ Modem Router

Click ↓

Interface Setup

Interface: Internet | LAN | **Wireless**

Click ↑

Access Point Settings

Access Point: ☒ Activated ☐ Deactivated
Channel: UNITED STATES | Auto | Current Channel: |
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: 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
Broadcast SSID: ☒ Yes ☐ No **Pick No for Use WPS**
Use WPS: ☐ Yes ☒ No **Enter Network Name printed on the label at the bottom of your modem**
SSID:
Authentication Type: WEP-128Bits **Select WEP-128 Bits**

WEP

WEP 64-bits: For each key, please enter either (1) 5 characters excluding symbols, or (2) 10 characters ranging from 0~9, a, b, c, d, e, f.
WEP 128-bits: For each key, please enter either (1) 13 characters excluding symbols, or (2) 26 characters ranging from 0~9, a, b, c, d, e, f.
☒ Key#1:
☐ Key#2: 0x00000000000000000000000000000000 **Enter Wireless Key printed on the label at the bottom of your modem**
☐ Key#3: 0x00000000000000000000000000000000
☐ Key#4: 0x00000000000000000000000000000000

WDS Settings

WDS Mode: ☐ On ☒ Off
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

Wireless MAC Address Filter

Active: ☐ Activated ☒ Deactivated
Action: Allow Association the follow Wireless LAN station(s) association.
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
Mac Address #5: 00:00:00:00:00:00
Mac Address #6: 00:00:00:00:00:00
Mac Address #7: 00:00:00:00:00:00
Mac Address #8: 00:00:00:00:00:00

Click ↓

SAVE **CANCEL**

Reset your modem

**Your Modem has been pre-programmed.
Normally you DO NOT need to reset your modem.
Do this unless you have well known the above sections.**

[Contact us](#) if you have any question.

To reset your modem to the factory default state by pressing and hold **Reset** for 5 seconds.

