Installation Guide

10/100 Mbps Desktop Switch

LED Explanation

Power

On: Power on
Off: Power off

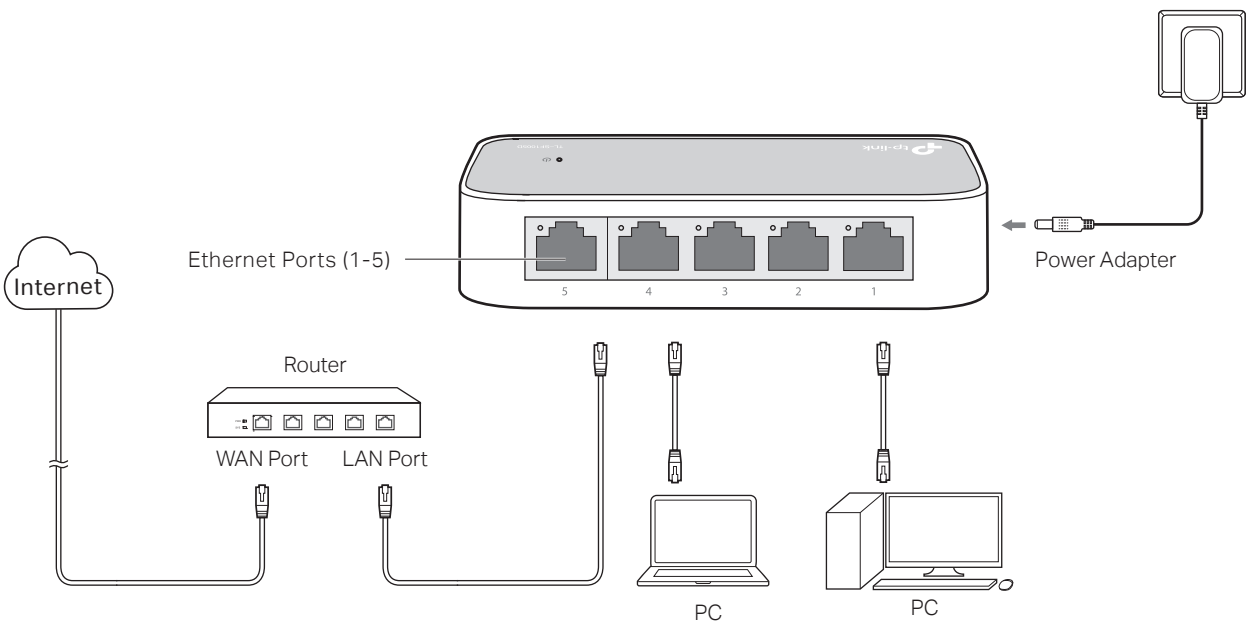
Link/Act

On: Link present but no activity
Flashing: Transmitting/receiving data
Off: No link

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For simplicity, we will take TL-SF1005D for example throughout this Guide.

Connection



Frequently Asked Questions (FAQ)

Q1. The Power LED is not lit.

The Power LED should be lit when the power system is working normally. If the Power LED is not lit, please check as follows:

A1: Make sure the power cord is connected to the switch with power source properly.

A2: Make sure the voltage of the power supply meets the requirements of the input voltage of the switch.

A3: Make sure the power source is ON.

Q2. The Link/Act LED is not lit when a device is connected to the corresponding port.

It is recommended that you check the following items:

A1: Make sure that the cable connectors are firmly plugged into the switch and the device.

A2: Make sure the connected device is turned on and working well.

A3: The cable must be less than 100 meters long (328 feet).

To ask questions, find answers, and communicate with TP-Link users or engineers, please visit **https://community.tp-link.com** to join TP-Link Community.

For technical support and other information, please visit **https://www.tp-link.com/support**, or simply scan the QR code.

If you have any suggestions or needs on the product guides, welcome to email **techwriter@tp-link.com.cn**.

Specifications

General Specifications

Standard	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
Protocol	CSMA/CD
Interface	5/8/16/24 10/100 Mbps Auto-Negotiation RJ45 Ports
Network Media (Cable)	10BASE-T: UTP category 3, 4, 5 cable (≤100 m) EIA/TIA-568 100Ω STP (≤100 m) 100BASE-TX: UTP category 5, 5e cable (≤100 m) EIA/TIA-568 100Ω STP (≤100 m)
LED Indicators	Power, Link/Act LEDs
Data Transfer Rate	Ethernet: 10 Mbps (Half Duplex), 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (Half Duplex), 200 Mbps (Full Duplex)
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically aging
Frame Forward Rate	10Base-T: 14881 pps/Port 100Base-Tx: 148810 pps/Port
Wall Mountable	TL-SF1005D, TL-SF1008D: No TL-SF1016D, TL-SF1024M: Yes
Distance Between Mounting Holes	TL-SF1016D: 157.2 mm TL-SF1024M: 178 mm

Environmental and Physical Specifications

Operating Temperature	0˚C to 40˚C (32˚F to 104˚F)
Operating Humidity	10% to 90%RH non-condensing
Storage Humidity	5% to 90%RH non-condensing

EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at https://www.tp-link.com/en/ce.

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible.
- Place the device with its bottom surface downward.
- Use only power supplies which are provided by manufacturer and in the origin packing of this product. If you have any questions, please don't hesitate to contact us.