Manuals+ — User Manuals Simplified.

tp-link 10 100Mbps Desktop Switch Installation Guide

Installation Guide
10/100Mbps Desktop Switch

TL-SF1005D/TL-SF1008D
TL-SF1016D/TL-SF1024M

Contents [**hide**

LED Explanation

Power

On: Power on
Off: Power off

Link/Act
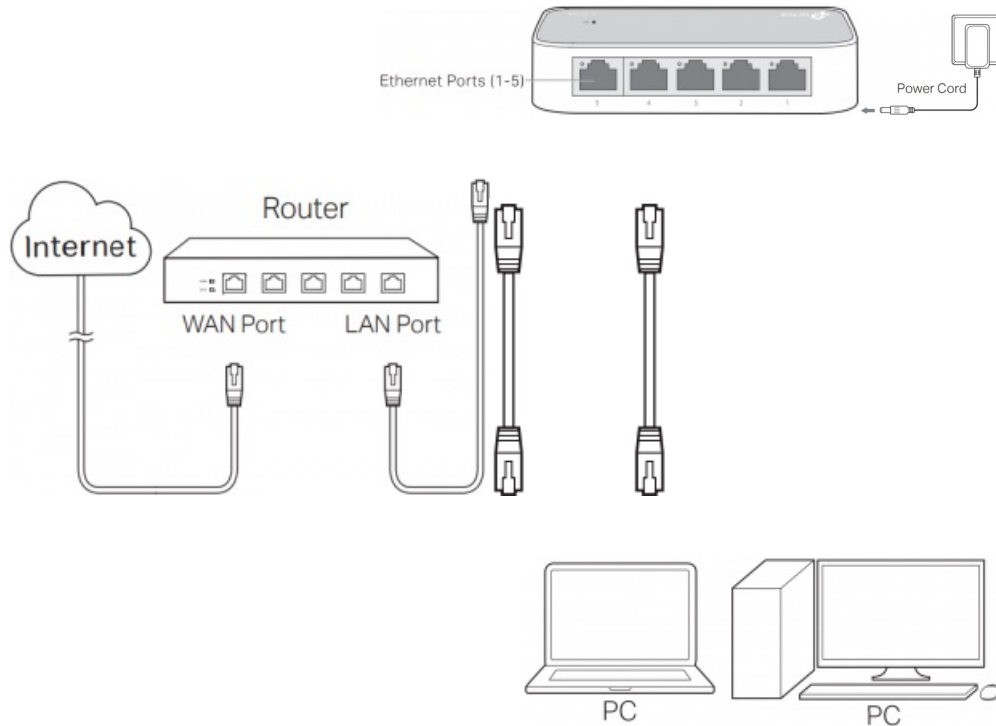
On: Link present but no activity

Flashing: Transmitting/receiving data
Off: No link

Package Contents: Switch, Power Adapter and Installation Guide.

Connection

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

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).

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

Specifications

General Specifications

Standard	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x
Protocol	CSMA/CD
Interface	5/8/16/24 10/100Mbps Auto-Negotiation RJ45 Ports
Network Media (Cable)	10BASE-T: UTP category 3, 4, 5 cable (≤100m) EIA/TIA-568 100Ω STP (≤100m) 100BASE-TX: UTP category 5, 5e cable (≤100m) EIA/TIA-568 100Ω STP (≤100m)
LED Indicators	Power, Link/Act LEDs
Data Transfer Rate	Ethernet: 10Mbps (Half Duplex), 20Mbps (Full Duplex) Fast Ethernet: 100Mbps (Half Duplex), 200Mbps (Full Duplex)
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically aging

Frame Forward Rate	10Base-T: 14880pps/Port 100Base-Tx: 148800pps/Port
Wall Mountable	TL-SF1005D, TL-SF1008D: No TL-SF1016D, TL-SF1024M: Yes
Distance Between Mounting Holes	TL-SF1016D: 157.2mm TL-SF1024M: 178mm

Environmental and Physical Specifications

Operating Temperature   0°C to 40°C (32°F to 104°F)
Storage Temperature   -40°C to 70°C (-40°F to 158°F)
Operating Humidity   10% to 90%RH non-condensing
Storage Humidity   5% to 90%RH non-condensing

Explanation of the symbols on the product label

DC voltage
RECYCLING
This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

BSMI Notice

Safety Information

Use only power supplies which are provided by manufacturer and in the original packing of this product.

CE Mark Warning
This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Industry Canada Statement
CAN ICES-3 (B)/NMB-3(B)

SAFETY NOTICES

⚠️ **Cautions**

Do not use this product near water, for example, in a wet basement or near a swimming pool. Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

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 and 2011/65/EU.

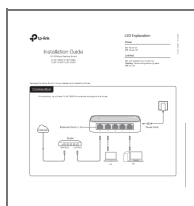The original EU declaration of conformity may be found at **http://www.tp-link.com/en/ce**

FC FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

   Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Documents / Resources

tp-link 10 100Mbps Desktop Switch [pdf] Installation Guide
10 100Mbps Desktop Switch, TL-SF1005D, TL-SF1008D, TL-SF1016D, TL-SF1024M

References

- 🔗 **CE Regulatory Compliance | TP-Link**
- 🔗 **TP-Link Product Support - Wireless Networking Equipment Support**