

# Installation Guide

5/8-Port 10/100Mbps Desktop Switch

**LiteWave** LS1005/LS1008

## Power

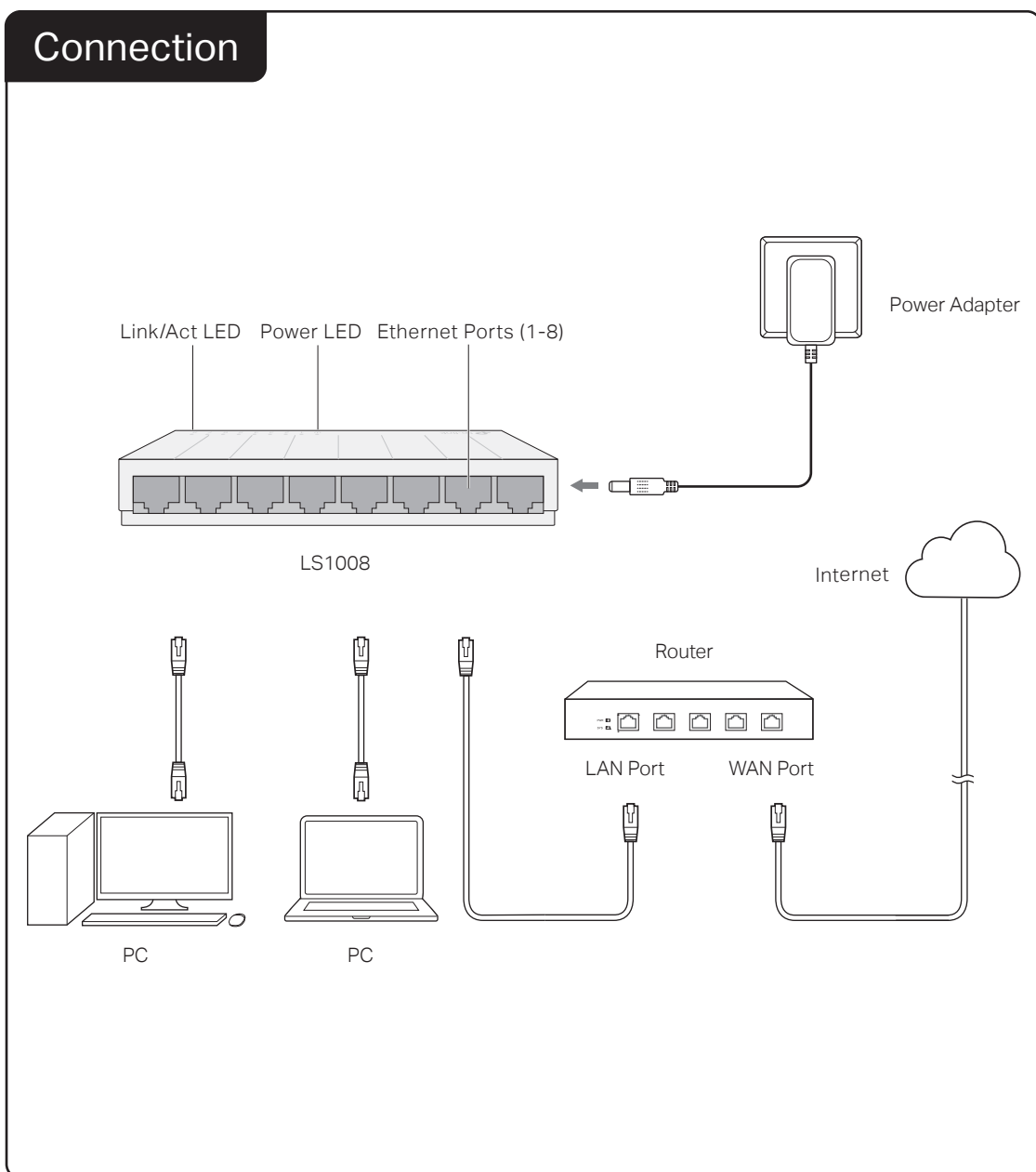
On: Power on  
Off: Power off

## Link/Act

On: Running at 10/100Mbps  
Off: No device is linked to the corresponding port  
Flashing: Transmitting/receiving data

Note: For simplicity, we will take LS1008 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, check as follows:

- A1: Make sure the power adapter 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 works normally.
- A3: The cable must be less than 100 meters long (328 feet).

## Specifications

### General Specifications


Standard	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3x
Protocol	CSMA/CD
Data Transfer Rate	Ethernet: 10Mbps (Half Duplex), 20Mbps (Full Duplex) Fast Ethernet: 100Mbps (Half Duplex), 200Mbps (Full Duplex)
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100Base-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Interface	5/8 10/100Mbps Auto-Negotiation RJ45 Ports
LED Indicators	Power, Link/Act LED
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically aging
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port


### 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



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 If you have any suggestions or needs on the product guides, welcome to email [techwriter@tp-link.com.cn](mailto:techwriter@tp-link.com.cn).



### 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.

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>.