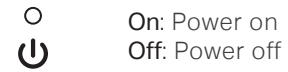


Power



Link/Act



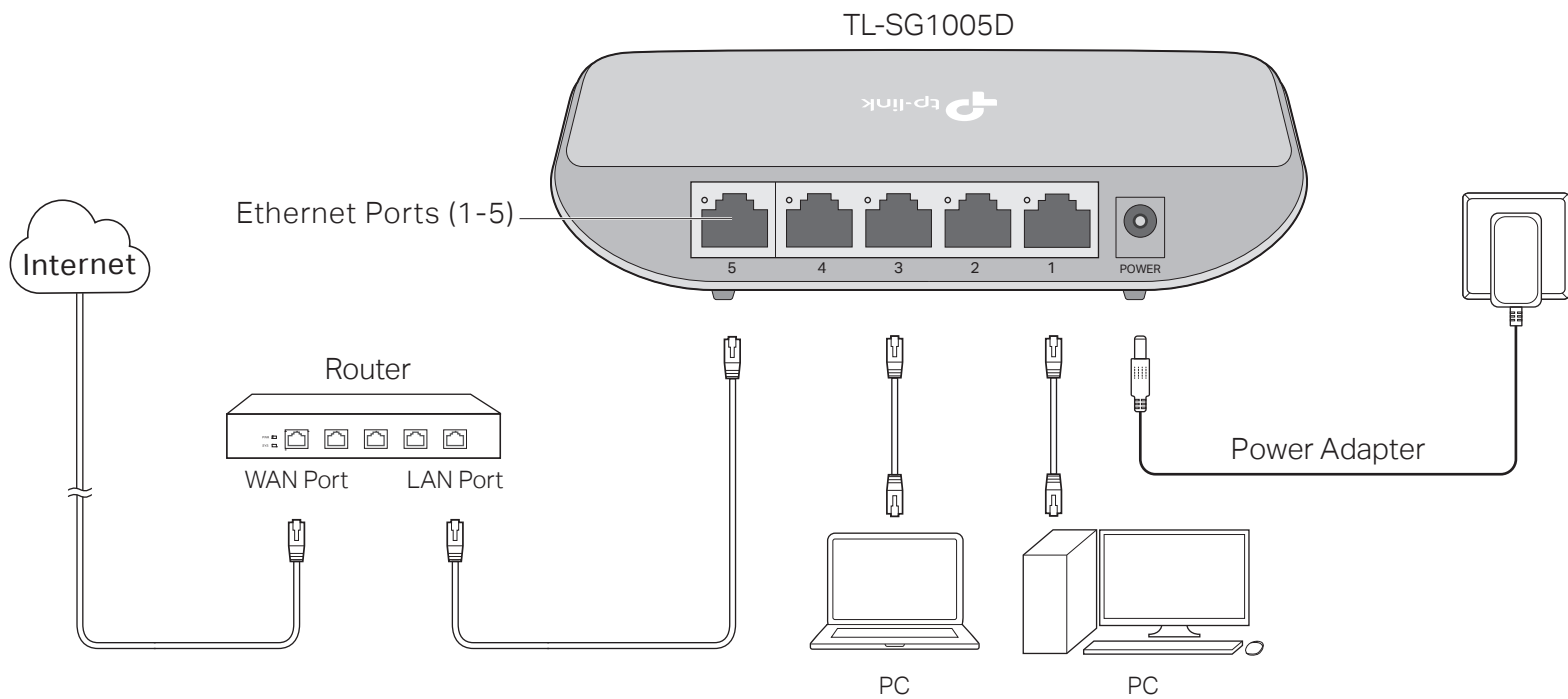
On: Link present but no activity
Flashing: Transmitting/receiving data
Off: No link

Installation Guide

5/8-Port Gigabit Desktop Switch

Note: For simplicity, we will take TL-SG1005D for example throughout this Guide.

Connection



Frequently Asked Questions (FAQ)

Q1. Why is the Power LED not lit?

The Power LED should be lit when the power system is working normally. If the Power LED is not lit, please try the following:

- 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. Why is the Link/Act LED not lit when a device is connected to the corresponding port?

Please try the following:

- 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:** Try to change the connected device's transmission speed and duplex mode.
- A4:** 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.



Some models featured in this guide may be unavailable in your country or region. For local sales information, visit <https://www.tp-link.com>.

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/support/ce/>

UK declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.

The original UK declaration of conformity may be found at <https://www.tp-link.com/support/ukca/>



Specifications

General Specifications

| | |
|---------------------------------|---|
| Standard | IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.1p |
| Protocol | CSMA/CD |
| Interface | 5/8 10/100/1000 Mbps Auto-Negotiation RJ45 Ports |
| Network Media (Cable) | 10BASE-T: UTP category 3, 4, 5 cable (maximum 100 m) EIA/TIA-568 100Ω STP (maximum 100 m) 100BASE-TX: UTP category 5, 5e cable (maximum 100 m) EIA/TIA-568 100Ω STP (maximum 100 m) 1000Base-T: UTP category 5e cable (maximum 100 m) EIA/TIA-568 100Ω STP (maximum 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) Gigabit Ethernet: 2000 Mbps (Full Duplex) |
| Advanced Features | QoS (802.1p/DSCP Priority) |
| 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 1000Base-T: 1488095 pps/Port |
| Wall Mountable | Yes |
| Distance Between Mounting Holes | TL-SG1005D: 60 mm TL-SG1008D: 100 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 |



Продукт сертифіковано згідно з правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

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.