

Power



On: Power on  
Off: Power off

Kensington Security Slot



Secure the lock (not provided) into the security slot to prevent the device from being stolen.

Port

10G/5G 2.5G/1G/100M



When one of the LED is on/flashing:  
On: Connecting to a device but no activity.  
Flashing: Transmitting or receiving data.

Left LED (10G/5G):  
Green: Running at 10 Gbps.  
Amber: Running at 5 Gbps.

Right LED (2.5G/1G/100M):  
Green: Running at 2.5 Gbps.  
Amber: Running at 100/1000 Mbps.

# Installation Guide

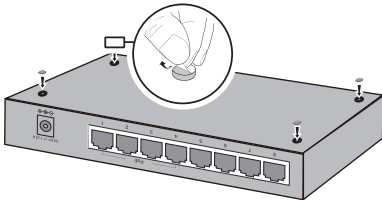
## 5-Port 10G Multi-Gigabit Desktop Switch

The images in this guide are for demonstration only and may differ from your actual product.

### Installation

#### Desktop:

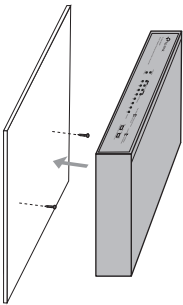
Attach the supplied rubber feet to the bottom of the switch to prevent it from slipping when placed on a desktop.



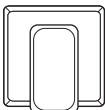
#### Wall-mounting:

Drill two holes on the wall according to the mounting holes on the bottom of the switch, then secure the switch to the wall with two suitable screws (not provided).

**Note:** For detailed information, please refer to the Wall Mounting Guide on the device's support page.

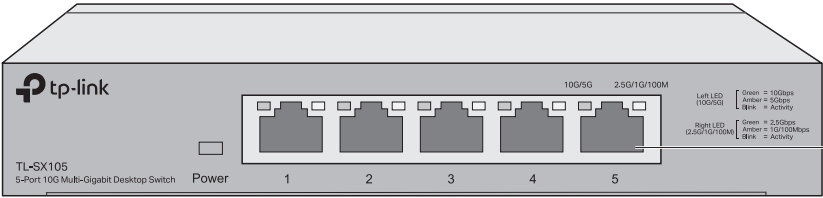


### Connection



Power Adapter

TL-SX105



Ethernet Ports (1-5)



Internet

Router/Gateway



WAN Port

LAN Port



10G  
NAS/Server



Workstation



Gaming  
Computer



8K Video



2.5G  
Wi-Fi 6 AP

# Specifications

## General Specifications

Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3an IEEE802.3bz, IEEE802.3x, IEEE802.1p
Protocol	CSMA/CD
Network Media (Cable)	100BASE-TX: 2-pair UTP/STP of Cat. 5 or above (maximum 100 m)
	1000BASE-T: 4-pair UTP/STP of Cat. 5e or above (maximum 100 m)
	2.5GBASE-T: 4-pair UTP/STP of Cat. 5e or above (maximum 100 m)
	5GBASE-T: 4-pair UTP/STP of Cat. 5e or above (maximum 100 m)
	10GBASE-T: 4-pair UTP of Cat 6 (maximum 55 m) or STP of Cat 6, 6a, 7 (maximum 100 m)
Interface	5 100M/1 G/2.5G/5G/10G RJ45 Ports Auto-Negotiation/Auto MDI/MDIX
Switching Capacity	100 Gbps
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically aging
Frame Forwarding Rate	100Base-TX: 148810 pps/port
	1000Base-TX: 1488095 pps/port
	2.5GBase-TX: 3720238 pps/port
	5GBase-TX: 7440476 pps/port
	10GBase-TX:14880952 pps/port
Wall Mountable	Yes
Distance Bewteen Mounting Holes	150 mm

## 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

### 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.
- The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible.
- 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.

# 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, 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. Why are the right and left LEDs 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:** Make sure the cable category and length meet the standards listed in General Specifications.



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



For technical support and other information, please visit <https://www.tp-link.com/support/?type=smb>, or simply scan the QR code.



### 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, 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/>



## FCC Compliance Information Statement



Product Name: Switch

Model Number: TL-SX105

Component Name	Model
Power Adapter	T120200-2B1

Responsible party:

TP-Link Systems Inc.

Address: 10 Mauchly, Irvine, CA 92618

Website: <https://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6804

E-mail: [sales.usa@tp-link.com](mailto:sales.usa@tp-link.com)

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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

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.

Product Name: Power Adapter

Model Number: T120200-2B1

Responsible party:

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We, **TP-Link Systems Inc.**, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2024/10/24

**CE Mark Warning**



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

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, 2011/65/EU and (EU)2015/863.

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

## UKCA Mark Warning



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

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/>

## Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)



## BSMI Notice

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

限用物質含有情況標示聲明書

單元	限用物質及其化學符號					
	鉛 Pb	鎘 Cd	汞 Hg	六價鉻 Cr <sup>+6</sup>	多溴聯苯 PBB	多溴二苯醚 PBDE
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應器	—	○	○	○	○	○
其他及其配件	—	○	○	○	○	○
備考1. "超出0.1 wt %" 及 "超出0.01 wt %" 系指限用物質之百分比含量超出百分比含量基準值。 備考2. "○"系指該項限用物質之百分比含量未超出百分比含量基準值。 備考3. "—" 系指該項限用物質為排除項目。						



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Safety Information














- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
  - Keep the device away from water, fire, humidity or hot environments.
- For metal-shell switch:
- Place the device with its bottom surface downward.
- For switch powered by power adapter:
- 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.
  - Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us. (For switch powered by power adapter)
- For switch powered by power cord:
- Plug the product into the wall outlets with earthing connection through the power supply cord.
  - The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible.
  - The socket-outlet shall be installed near the equipment and shall be easily accessible.
- For switch powered by USB or standard PoE:






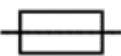




- This equipment can be powered only by equipments that comply with Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

## Explanation of the symbols on the product label

Note: The product label can be found at the bottom of the product and its I.T.E. power supply. Symbols may vary from products.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	Direct current
	Polarity of d.c. power connector
	For indoor use only
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis
	Functional earthing

	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
	<p>RECYCLING</p> <p>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.</p> <p>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.</p>
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs
<b>m</b>	Switch of mini-gap construction
<b>μ</b>	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US)
<b>ε</b>	Switch without contact gap (Semiconductor switching device)



## Wall Mounting Requirements

To mount the device on a wall, use 2 screws which complies with ANSI B1.1 4#, (5#), 6# standard and are more than 7.5 mm in length. When the screws are fixed on the wall, the distance between the screw head and the wall should be more than 1.5 mm.