

Netis ST3108S

Netis ST3108S 8-Port 10/100Mbps Fast Ethernet Switch User Manual

Model: ST3108S

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Netis ST3108S 8-Port 10/100Mbps Fast Ethernet Switch. Please read this manual carefully before using the device to ensure proper setup and functionality.

1.1 Product Overview

The Netis ST3108S is an 8-port 10/100Mbps Fast Ethernet Switch designed to expand your wired network. It features Auto-Negotiation RJ45 ports and supports Auto MDI/MDIX, simplifying network setup. The device incorporates Green Ethernet technology for energy efficiency and IEEE 802.3x flow control for reliable data transfer. Its compact design allows for desktop placement or wall-mounting.

1.2 Key Features

- 8 10/100Mbps Auto-Negotiation RJ45 ports; supports auto MDI/MDIX.
- Green Ethernet technology for power saving up to 70%.
- IEEE 802.3x flow control provides reliable data transfer.
- Plastic case with desktop or wall-mounting design.
- Plug and play; no configuration required.

2. PACKAGE CONTENTS

Please verify that your package contains the following items:

- Netis ST3108S 8-Port 10/100Mbps Fast Ethernet Switch
- Power Adapter
- Quick Installation Guide



Figure 2.1: Netis ST3108S product packaging, showing the switch and its model number.

3. PHYSICAL DESCRIPTION

3.1 Front Panel



Figure 3.1: Front view of the Netis ST3108S switch.

The front panel of the ST3108S features eight RJ45 ports, numbered 1 through 8. Above each port, there is an LED indicator that shows the link status and activity for that specific port. The "Netis" logo is centrally located on the top surface.

3.2 Top Panel and Rear View



Figure 3.2: Top-down angled view of the Netis ST3108S switch.

The top panel has a perforated design for ventilation. On the right side of the device, when viewed from the front, is the DC power input port. This port is used to connect the provided power adapter to the switch.

4. SETUP

4.1 Hardware Installation

1. **Power Connection:** Connect the provided power adapter to the DC power input port on the side of the switch. Plug the other end of the power adapter into a standard electrical outlet. The Power LED (if separate, otherwise implied by port LEDs) should illuminate.
2. **Network Device Connection:** Connect your network devices (e.g., computers, printers, network-attached storage, routers) to any of the 8 RJ45 ports on the front panel using standard Ethernet cables. The switch supports Auto MDI/MDIX, so you can use either straight-through or crossover cables.
3. **Verification:** Once devices are connected, the corresponding Link/Act LED for each active port should light up, indicating a successful connection. Blinking LEDs signify network activity.

The Netis ST3108S is a plug-and-play device, requiring no software configuration for basic operation.

5. OPERATING INSTRUCTIONS

5.1 LED Indicators

The LEDs on the front panel provide visual feedback on the switch's status and network activity:

- **Power LED:** (If separate, otherwise implied by port LEDs) Indicates the switch is powered on.
- **Link/Act LEDs (for each RJ45 port):**
 - **Solid Green:** A device is successfully connected to the port.
 - **Blinking Green:** Data is being transmitted or received through the port.
 - **Off:** No device is connected to the port, or the connected device is powered off.

5.2 Basic Operation

Once powered on and connected to network devices, the switch automatically detects the speed and duplex mode of connected devices (10Mbps or 100Mbps, half-duplex or full-duplex) and adjusts accordingly. Data packets are forwarded efficiently between connected devices.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Netis ST3108S switch, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners.
- **Environment:** Place the switch in a cool, dry, and well-ventilated area. Avoid exposure to direct sunlight, excessive heat, moisture, or dust.
- **Ventilation:** Ensure that the ventilation holes on the device are not blocked.
- **Do Not Disassemble:** Do not attempt to open or repair the switch yourself. This will void the warranty and may cause damage or injury.

7. TROUBLESHOOTING

If you encounter issues with your Netis ST3108S switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Power adapter not connected or faulty.	Ensure the power adapter is securely connected to the switch and a working electrical outlet. Check the power adapter for damage.
No Link/Act LED for a connected device	Ethernet cable issue, device powered off, or faulty port.	<ul style="list-style-type: none">◦ Verify the Ethernet cable is securely plugged into both the switch and the device.◦ Try a different Ethernet cable.◦ Ensure the connected device is powered on and functioning correctly.◦ Try connecting to a different port on the switch.
Slow Network Speed	Cable quality, network congestion, or device limitations.	<ul style="list-style-type: none">◦ Ensure you are using appropriate Ethernet cables (e.g., Cat5e or Cat6 for optimal performance, though this is a 10/100 switch).◦ Reduce the number of active devices or heavy network usage.◦ Check the network settings of connected devices.

8. SPECIFICATIONS

The technical specifications for the Netis ST3108S 8-Port 10/100Mbps Fast Ethernet Switch are as follows:

Model	ST3108S
Ports	8 x 10/100Mbps Auto-Negotiation RJ45 ports
Data Transfer Rate	10/100Mbps (Half/Full Duplex)
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
LED Indicators	Link/Act for each port
Power Supply	5V DC

Dimensions (L x W x H)	Approximately 5 x 5 x 3 inches (12.7 x 12.7 x 7.6 cm)
Weight	Approximately 0.45 lbs (7.2 ounces)
Case Material	Plastic
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

9. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the device or injury to yourself:

- Do not expose the device to water or moisture.
- Do not place heavy objects on the switch.
- Use only the power adapter provided by the manufacturer.
- Ensure proper ventilation to prevent overheating.
- Keep the device away from heat sources and open flames.
- This device is intended for indoor use only.

10. CONTACT AND SUPPORT

For technical support, warranty information, or further inquiries, please visit the official Netis website or contact their customer service department.

Official Netis Website: www.netis-systems.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question