

BUFFALO LSW6-GT-8NP/BK

BUFFALO Giga Compatible 8-Port Switching Hub User Manual

Model: LSW6-GT-8NP/BK

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your BUFFALO Giga Compatible 8-Port Switching Hub, model LSW6-GT-8NP/BK. This device is designed to provide high-speed, stable network communication for multiple devices with a new design that combines harmonious interior integration with convenient installation.

The LSW6-GT-8NP/BK is a compact, fanless switching hub featuring a built-in power supply and Giga-compatible ports, making it an ideal solution for expanding your wired network.

2. KEY FEATURES

- **Slim & Compact Body:** Designed for easy placement in various environments.
- **Giga Compatible Switching Hub:** Supports Gigabit Ethernet speeds on all 8 ports for high-speed data transfer.
- **Built-in Power Supply:** Eliminates the need for an external power adapter, simplifying cable management.
- **Energy Saving (NEXT Function):** Features advanced power-saving capabilities to reduce electricity consumption.
- **Stable Network Build:** Ensures reliable and consistent network performance.
- **Loop Detection Function:** Automatically detects and notifies of network loops to prevent communication disruptions.
- **Fanless Design:** Operates silently, suitable for quiet environments.

3. SETUP GUIDE

3.1 Package Contents

Before proceeding, ensure all items are present:

- BUFFALO LSW6-GT-8NP/BK Switching Hub
- Power Cable
- User Manual (this document)

3.2 Physical Placement

Place the switching hub on a stable, flat surface, or mount it as described below. Ensure adequate ventilation around the device. Its compact design allows for flexible placement.



設置しやすいサイズ& コンパクトデザイン

Image: The compact design of the BUFFALO Giga Switch allows for easy integration into various home or office setups, such as on a shelf.

3.3 Power Connection

Connect the included power cable to the AC IN port on the back of the hub and then plug it into a standard wall outlet. The built-in power supply simplifies the connection process.



ファンレス設計で 高い静音性を実現

Image: The built-in power supply design helps keep the area around the power outlet neat and tidy.

3.4 Network Connections

Connect your network devices (e.g., computers, printers, gaming consoles, servers) to the RJ45 ports (1-8) on the front of the switching hub using standard Ethernet cables. All 8 ports are Giga compatible, supporting high-speed data transfer.



機器をまとめて 高速・安定通信

Image: The hub allows for high-speed and stable communication by connecting multiple devices through its Giga-compatible ports.

3.5 Mounting Options

The LSW6-GT-8NP/BK offers flexible mounting options:

- **Magnetic Mounting:** For metal surfaces, the hub includes built-in magnets for easy attachment.
- **Wall Mounting (Screws):** For non-metal surfaces, the hub can be mounted using screws (not included).

金属壁面には
マグネット



非金属壁面には
ネジ



壁面設置ニーズに対応

※壁掛け用ネジ(2本)は別途ご購入ください。

Image: The hub supports wall mounting needs with magnets for metal surfaces and screw holes for non-metal surfaces. Screws for wall mounting are sold separately.

4. OPERATING INSTRUCTIONS

4.1 LED Indicators

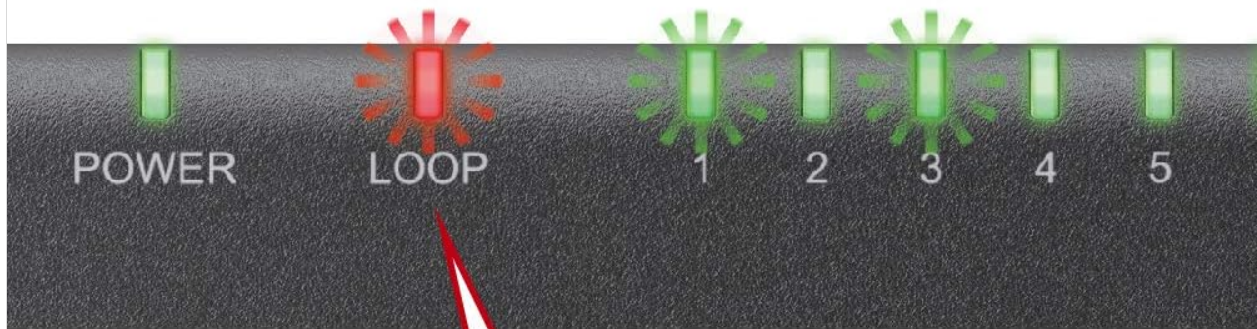
The front panel of the hub features several LED indicators to provide status information:

- **POWER LED:** Indicates the power status of the device.
- **LOOP LED:** Illuminates or flashes to indicate a network loop detection.
- **Port LEDs (1-8):** Each port has an LED that indicates link status and activity.

4.2 Loop Detection Function

The hub is equipped with a loop detection function to prevent network disruptions caused by accidental network loops. If a loop is detected, the LOOP LED will flash, and the LED of the port where the loop is detected will also flash.

ループ発生を LEDの点滅でお知らせ



ループ発生ポートが点滅

ループ検知機能を搭載

Image: The loop detection function notifies you of loop occurrences by flashing the LED of the affected port.

4.3 Power Saving Features

The LSW6-GT-8NP/BK incorporates advanced power-saving technologies, including the NEXT function, to automatically reduce power consumption. This can lead to significant energy savings, up to approximately 86% under certain conditions.



チャット

LINE

メール

電話

24時間
AI対応

各種相談窓口をご用意 充実したサポート

Image: Two functions enable automatic energy saving, achieving up to approximately 86% power reduction.

5. MAINTENANCE

To ensure optimal performance and longevity of your switching hub, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Although fanless, proper airflow helps dissipate heat.
- **Environment:** Keep the device in a cool, dry place, away from direct sunlight, heat sources, and excessive moisture.

6. TROUBLESHOOTING

If you encounter issues with your BUFFALO switching hub, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No Power (POWER LED Off)	Ensure the power cable is securely connected to the hub and the wall outlet. Try a different outlet.
No Network Connection (Port LED Off)	Check the Ethernet cable connection between the hub and the device. Ensure the device is powered on and configured correctly. Try a different port or cable.
Slow Network Speed	Ensure all connected devices and cables support Gigabit Ethernet. Check for network congestion or interference.
LOOP LED Flashing	A network loop has been detected. Identify and disconnect the redundant network cable creating the loop.

7. SPECIFICATIONS

Feature	Specification
Model Number	LSW6-GT-8NP/BK
Number of Ports	8
Interface Type	RJ45
Data Transfer Rate	1 Gigabits Per Second
Case Material	Plastic
Color	Black
Item Weight	0.22 Kilograms (7.7 ounces)
Product Dimensions (LxWxH)	3.39 x 7.09 x 1.18 inches
Compatible Devices	Desktop, Laptop, Printer, Server
Switch Type	Unmanaged

8. WARRANTY INFORMATION

This BUFFALO product is covered by a standard manufacturer's warranty. For specific details regarding warranty terms, duration, and conditions, please refer to the warranty card included with your product or visit the official BUFFALO website. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or product inquiries, please contact BUFFALO customer support. Support options may include:

- Online Chat
- Email Support
- Phone Support

Please visit the official BUFFALO website for the most up-to-date contact information and support resources.

おまかせ節電 + おまかせ節電
NEXT



2つの機能で
自動で省エネ

Image: BUFFALO provides comprehensive support through various consultation channels, including chat,

