

LAMAX DSP1-1005

Lanberg 5-Port Gigabit Switch DSP1-1005 User Manual

Model: DSP1-1005

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your Lanberg 5-Port Gigabit Switch, model DSP1-1005. This device is designed to expand your network connectivity, offering high-speed Gigabit Ethernet ports for reliable data transfer. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance.

2. SAFETY INFORMATION

- Ensure the power adapter used is compatible with the device's power requirements (refer to specifications).
- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not open the device casing. Refer all servicing to qualified personnel.
- Keep the device away from children.
- Use only the provided or recommended accessories.

3. PACKAGE CONTENTS

Please check the package contents carefully. If any item is missing or damaged, contact your retailer.

- Lanberg 5-Port Gigabit Switch DSP1-1005
- Power Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

The Lanberg DSP1-1005 is a compact, unmanaged Gigabit Ethernet switch designed for small office and home network environments. It features five 10/100/1000Mbps auto-negotiation RJ45 ports.

4.1. Front Panel



Figure 4.1: Front view of the Lanberg 5-Port Gigabit Switch DSP1-1005.

This image displays the front panel of the Lanberg DSP1-1005 switch. On the left, there are five RJ45 Ethernet ports labeled LAN1 through LAN5. Above these ports, there are five green LED indicators, one for each port, signifying connection status and activity. The device is compact and black, with a textured top surface. A power cable is connected to the right side of the device.

- **LAN1-LAN5 Ports:** Five 10/100/1000Mbps RJ45 ports for connecting network devices.
- **LED Indicators:** Each port has an associated LED.
 - **Solid Green:** Indicates a stable network link.
 - **Flashing Green:** Indicates data activity on the port.
 - **Off:** No link or device connected.

4.2. Rear Panel

- **DC Power Input:** Port for connecting the external power adapter.

5. SETUP

Follow these steps to set up your Lanberg DSP1-1005 Gigabit Switch:

1. **Placement:** Place the switch on a stable, flat surface, ensuring adequate ventilation. Avoid placing it in enclosed spaces or near strong electromagnetic interference.
2. **Connect Network Devices:** Connect your network devices (e.g., computer, printer, network-attached storage, router) to any of the LAN1-LAN5 ports using standard Ethernet cables (Cat5e or higher recommended for Gigabit speeds).
3. **Connect Power:** Connect the provided power adapter to the DC power input port on the switch, then plug the adapter into a standard electrical outlet.
4. **Verify Connection:** Once powered on, the LED indicators for connected ports should light up green, indicating a successful link. If an LED is not lit, check the cable connection and the connected device.

The switch is plug-and-play and does not require any software configuration.

6. OPERATING THE SWITCH

The Lanberg DSP1-1005 is an unmanaged switch, meaning it operates automatically without requiring user configuration. Simply connect your devices, and the switch will facilitate network communication.

- **Data Transfer:** The switch automatically detects the speed and duplex mode of connected devices (10/100/1000Mbps, Half/Full Duplex) and adjusts accordingly.
- **LED Indicators:** Monitor the LED indicators on the front panel to check the status of your network connections. A solid green light indicates a successful link, while a flashing green light indicates active data transmission.

7. MAINTENANCE

To ensure the longevity and optimal performance of your 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.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Proper airflow prevents overheating.
- **Power Cycle:** If the switch experiences issues, try power cycling it by unplugging the power adapter for 10 seconds and then plugging it back in.
- **Cable Management:** Keep network cables organized and untangled to prevent damage and ensure reliable connections.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Power LED off	Power adapter not connected or faulty; power outlet not working.	Check power adapter connection. Try a different power outlet. Ensure the power adapter is the correct one.
Port LED off (no link)	Ethernet cable disconnected or faulty; connected device is off or faulty.	Ensure the Ethernet cable is securely connected at both ends. Try a different Ethernet cable. Verify the connected device is powered on and functioning correctly.
Slow network speed	Cable quality issue; network congestion; device limitations.	Use Cat5e or Cat6 Ethernet cables for Gigabit speeds. Reduce network traffic if possible. Ensure connected devices support Gigabit Ethernet.
Intermittent connection	Loose cable connection; faulty cable; interference.	Check all cable connections. Replace suspect cables. Relocate the switch away from potential sources of electromagnetic interference.

9. SPECIFICATIONS

Feature	Detail
Model Number	DSP1-1005
Ports	5 x 10/100/1000Mbps Auto-Negotiation RJ45 Ports
Dimensions (L x W x H)	60 x 60 x 85 mm (approx. 2.36 x 2.36 x 3.35 inches)
Weight	2 Kilograms (approx. 4.4 lbs)
Power Input	3600 Watts
Power Source	External Power Adapter (Batteries not included)
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
Switching Capacity	10 Gbps
MAC Address Table	2K

Note: The power input specification of 3600 Watts appears unusually high for a network switch. This value is provided as per the product data and may refer to a

different electrical characteristic or be a data entry anomaly. Typical power consumption for a 5-port Gigabit switch is significantly lower.

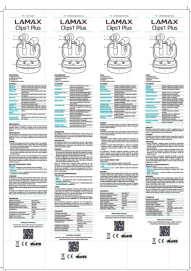
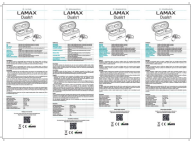
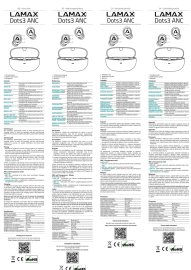

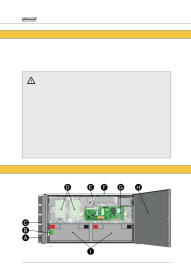
10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official LAMAX website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may contact your local retailer or the product manufacturer's support channels.

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Related Documents - DSP1-1005

	<p>LAMAX Clips1 Plus True Wireless Earbuds User Manual and Specifications</p> <p>Comprehensive guide to the LAMAX Clips1 Plus true wireless earbuds, detailing technical specifications, features, usage instructions, and important safety warnings. Discover the capabilities of your LAMAX audio device.</p>
	<p>LAMAX Duals1 True Wireless Earbuds User Manual</p> <p>Comprehensive user manual for LAMAX Duals1 true wireless earbuds, covering controls, pairing, charging, and technical specifications.</p>
	<p>LAMAX Dots3 ANC True Wireless Earbuds User Guide</p> <p>Comprehensive user guide for LAMAX Dots3 ANC true wireless earbuds, covering controls, pairing, ANC modes, charging, and specifications. Features Bluetooth 5.3, active noise cancellation, and up to 10 hours of playback.</p>
	<p>Lanberg DSP1 Series Desktop Network Switch Quick Installation Guide</p> <p>Quick start guide for Lanberg DSP1 series desktop network switches (models DSP1-0105, DSP1-0108, DSP1-1005, DSP1-1008). Includes setup, troubleshooting, and specifications.</p>
	<p>Milletechnik NEO Battery Backup System - User Manual and Technical Specifications</p> <p>Detailed user manual and technical specifications for the Milletechnik NEO series battery backup systems, including installation, configuration, and performance data for security applications.</p>

<div>TM 9-1005-233-24</div> <div>DEPARTMENT OF THE ARMY TECHNICAL MANUAL</div> <div>ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL DISCUSSING ORGAN, THEORY AND FUNCTION, THEORY, LIST (INCLUDING IDENT, MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)</div> <div>FIG 1</div> <div>MACHINE GUN, 7.62-MM, M73 (1005-689-8818)</div> <div>MACHINE GUN, 7.62-MM, M73A1 (1005-697-7223)</div> <div>MACHINE GUN, 7.62-MM, M219 (1005-677-3246)</div> <div>HEADQUARTERS, DEPARTMENT OF THE ARMY FEBRUARY 1972</div>	<div>TM 9-1005-233-24: Department of the Army Technical Manual for 7.62mm Machine Guns M73, M73A1, M219</div> <div>This technical manual (TM 9-1005-233-24) from the Department of the Army provides comprehensive organizational, direct support, and general support maintenance instructions, including repair parts and special tools lists, for the 7.62mm Machine Guns M73, M73A1, and M219. Published in February 1972.</div>
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