

Leviton 5G108-RT5

Leviton GigaMax 5E QuickPort Connector (5G108-RT5) User Manual

Model: 5G108-RT5 | Brand: Leviton

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Leviton GigaMax 5E QuickPort Connector. This modular connector is designed for Category 5e UTP structured cabling systems, supporting high-megabit applications such as Gigabit Ethernet and 622 Mbps ATM. It is engineered to exceed all industry standards for performance and mechanical requirements.

PRODUCT OVERVIEW

The Leviton GigaMax 5E QuickPort Connector is a high-performance data jack designed for reliable network connections. Key features include:

- **Snap-in Design:** Compatible with all Leviton QuickPort wall plates and housings for easy installation.
- **High-Speed Performance:** Supports Gigabit Ethernet and 622 Mbps ATM applications.
- **Certified Quality:** Independently tested and verified by Intertek (ETL) to ensure compliance with industry standards.
- **Durable Construction:** Made from high-impact fire-retardant plastic for long-lasting use.
- **Category 5e Rated:** Ensures optimal performance for Cat 5e Ethernet cabling.

SAFETY INFORMATION

Always observe basic safety precautions when working with electrical and network components. Ensure power is disconnected before installation if working near electrical outlets. Use appropriate tools and wear protective gear. If you are unsure about any installation steps, consult a qualified professional.

SETUP AND INSTALLATION

The Leviton GigaMax 5E QuickPort Connector is designed for straightforward installation into compatible QuickPort wall plates and housings. A punch-down tool is required for proper termination of the Ethernet cable.

Tools Required:

- Wire Strippers
- Small Flat-Head Screwdriver (optional, for minor adjustments)
- 110-Type Punch-Down Tool (often included with multi-pack connectors or purchased separately)
- Ethernet Cable (Cat 5e UTP)

Installation Steps:

1. **Prepare the Cable:** Carefully strip approximately 1 inch (2.5 cm) of the outer jacket from the Cat 5e Ethernet cable, exposing the four twisted pairs. Be careful not to nick the insulation of the individual wires.
2. **Untwist and Arrange Wires:** Untwist the wire pairs and arrange them according to either the T568A or T568B wiring scheme, as indicated on the side of the QuickPort connector. Ensure consistency with other network connections in your installation.
3. **Insert Wires:** Place each individual wire into its corresponding color-coded slot on the connector's IDC (Insulation Displacement Connector) block.
4. **Punch Down Wires:** Using a 110-type punch-down tool, firmly press each wire into its slot. The tool will seat the wire and trim any excess. Ensure a secure connection for all 8 wires.
5. **Inspect Connection:** Visually inspect all connections to ensure wires are properly seated and trimmed. There should be no loose strands or short circuits.
6. **Snap into Housing:** Once terminated, snap the GigaMax 5E QuickPort Connector into the desired port on a compatible Leviton QuickPort wall plate or housing until it clicks securely into place.
7. **Test Connection:** Use a network cable tester to verify continuity and proper wiring before finalizing the installation.



Image: Leviton GigaMax 5E QuickPort Connector (Light Almond). This image shows the front and side view of the connector, highlighting its compact design and the IDC block for wire termination.

OPERATING INSTRUCTIONS

Once properly installed, the Leviton GigaMax 5E QuickPort Connector functions as a passive network interface. To operate, simply connect a standard RJ45 Ethernet patch cable from your network device (e.g., computer, printer, network switch) to the front port of the installed QuickPort connector. The connector facilitates the transmission of data signals over the Cat 5e cabling system.

MAINTENANCE

The Leviton GigaMax 5E QuickPort Connector requires minimal maintenance. Periodically inspect the connector and connected cables for any signs of damage or wear. Keep the port free from dust and debris. If cleaning is necessary, use a soft, dry cloth. Avoid using liquid cleaners directly on the connector.

TROUBLESHOOTING

If you experience issues with your network connection through the QuickPort connector, consider the following troubleshooting steps:

- **No Network Connection:**
 - Verify that both ends of the Ethernet patch cable are securely connected.
 - Check the status lights on your network device (e.g., computer, router) and network switch.
 - Ensure the internal wiring of the QuickPort connector is correctly terminated (T568A or T568B) and all wires are properly punched down. A network cable tester can confirm this.
 - Test with a different patch cable to rule out cable failure.
- **Slow Network Speed:**
 - Ensure all components in your network path (cables, switches, routers) are rated for the desired speed (e.g., Gigabit Ethernet).
 - Verify that the Cat 5e cable run is within recommended length limits.
 - Check for any physical damage to the connector or cabling that might cause signal degradation.
- **Intermittent Connection:**
 - Inspect for loose wire terminations at the IDC block. Re-punch any suspect connections.
 - Ensure the QuickPort connector is firmly seated in its wall plate or housing.

SPECIFICATIONS

Brand	Leviton
Model Name	GIGAMAX Cat 5e QUICKPORT Jack
Model Number	5G108-RT5 (also 5G108-135-RT5)
Connector Type	QuickPort
Cable Type	Ethernet (Cat 5e)
Compatible Devices	Leviton QuickPort housings
Special Feature	High Speed
Data Transfer Rate	Up to 622 Megabits Per Second
Number of Pins	8
Color	Light Almond
Outer Material	High-Impact Fire-Retardant Plastic
Product Dimensions	1.5 x 1 x 0.75 inches
Item Weight	0.2 ounces
Certification	Independently tested and verified by Intertek (ETL)

WARRANTY AND SUPPORT

Leviton products are manufactured to high standards and are backed by a commitment to quality. For detailed warranty information, technical support, or to access additional resources, please visit the official Leviton website or contact Leviton customer service. Keep your purchase receipt for warranty claims.

Official Leviton Website: www.leviton.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

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Email

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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