Nakamichi NFLPNP01-08

Nakamichi FanLock Excel Series 2mm Pin Plug Banana Connectors User Manual

Model: NFLPNP01-08

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1. Introduction

The Nakamichi FanLock Excel Series 2mm Pin Plug Banana Connectors are designed to provide a secure, high-quality connection for your audio components. These 24k gold-plated connectors are compatible with speaker wires ranging from 10 AWG to 18 AWG, ensuring optimal signal transfer for your Hi-Fi and home theatre systems. The innovative FanLock design protects speaker wire ends from damage and reduces the risk of intermittent signal issues, offering a reliable and easy-to-install solution.

2. Safety Information

- Always disconnect power to your audio equipment before making any connections.
- Ensure correct polarity (+ to + and - to -) when connecting speakers to avoid damage to your equipment and ensure proper sound reproduction.
- Avoid short circuits by ensuring no stray wire strands touch other terminals. The non-conductive sleeves of the FanLock plugs help prevent this.
- Do not use these connectors with speaker wire gauges outside the recommended 10 AWG - 18 AWG range.

3. Package Contents

Your Nakamichi FanLock Excel Series package includes:

- 8 Pcs (4-Pairs) of Nakamichi FanLock Excel Series 2mm Pin Plug Banana Connectors.

Image: Nakamichi FanLock Excel Series 2mm Pin Plug Connectors, showcasing their 24k gold plating and copper core.

4. Setup and Installation

Follow these steps to properly install your Nakamichi FanLock 2mm Pin Plug Connectors:

1. **Unscrew the Tip:** Unscrew the tip from the FanLock 2mm pin plug connector by turning it anti-clockwise.

2. **Strip Speaker Cable:** Strip approximately 0.5-inch (12.7mm) of insulation off the speaker cable. Feed the stripped wire through the casing of the plug.

3. **Spread Wires:** Spread the individual wire strands all around and fold them backwards over the self-crimping teeth of the plug.

4. **Screw on Tip:** Screw the tip back onto the casing to secure the speaker cable. No additional screws or soldering are required.

5. **Ready for Use:** Your FanLock 2mm pin plug connector is now ready for use.

Image: Visual guide demonstrating the five steps for installing the Nakamichi FanLock 2mm Pin Plug Connector onto a speaker wire.

Installation Video Guide

Video: A detailed setup guide for Nakamichi FanLock Speaker Banana Plugs, demonstrating each installation step visually.

Connecting to Speaker Terminals

Once assembled, insert the FanLock 2mm pin plugs directly into your audio component's spring clip terminals. The secure fit protects the speaker wire ends and ensures a consistent signal.
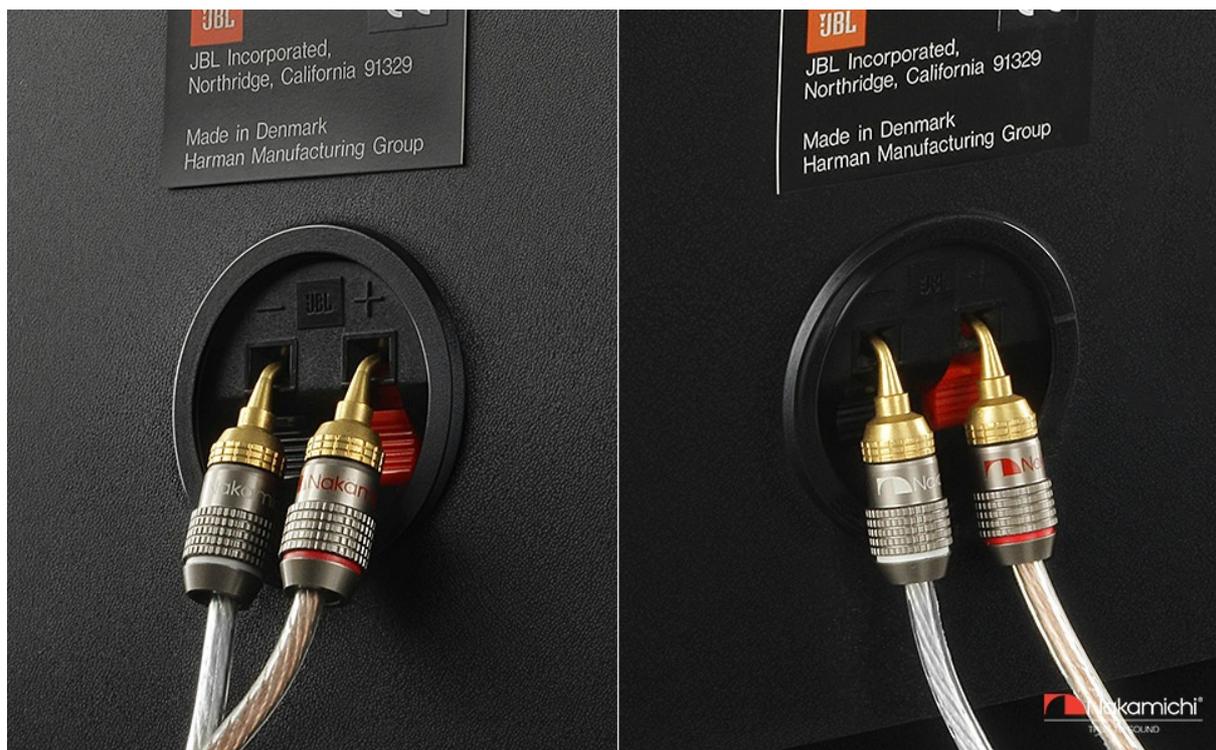

Image: Nakamichi FanLock 2mm Pin Plugs securely connected to the spring clip terminals of a speaker, showing proper insertion.

5. Operating Instructions

The Nakamichi FanLock 2mm Pin Plugs are designed for straightforward operation. After successful installation onto your speaker wires, simply insert the plugs into the corresponding spring clip terminals on your amplifier or speakers. The color-coded sleeves (red for positive, black for negative) assist in maintaining correct audio polarity, which is crucial for optimal sound quality.
The FanLock mechanism ensures a tight and reliable connection, preventing accidental disconnections and maintaining signal integrity. Once connected, your audio system is ready for use.

6. Maintenance

- **Cleaning:** The 24k gold plating is designed to resist tarnish and corrosion. If cleaning is necessary, gently wipe the connectors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the connections for any signs of wear or looseness. Ensure the speaker wire remains securely crimped within the plug.
- **Storage:** When not in use, store the connectors in a clean, dry environment to prevent dust accumulation.

7. Troubleshooting

Problem	Possible Cause	Solution
No sound or intermittent sound	Loose connection; incorrect polarity; damaged wire strands	Ensure plugs are fully inserted. Check wire polarity. Re-strip and re-install the plug if wire strands are loose or damaged.

Problem	Possible Cause	Solution
Distorted or poor sound quality	Incorrect polarity; poor contact; damaged connector	Verify correct polarity (+ to + and - to -). Ensure the wire is spread evenly over the crimping teeth. Inspect the connector for physical damage.
Plug does not fit into terminal	Incompatible terminal type	These plugs are designed for 2mm spring clip terminals. Verify your equipment has compatible terminals.

8. Specifications

- **Brand:** Nakamichi
- **Model:** NFLPNP01-08
- **Connector Type:** 2mm Pin Plug (FanLock design)
- **Plating:** 24k Gold Plated
- **Core Material:** Copper
- **Wire Gauge Compatibility:** 10 AWG - 18 AWG
- **Sleeve:** Non-conductive, color-coded aluminum sleeves
- **Installation:** Screw-less, self-crimping design
- **Usage:** Indoor
- **Maximum Voltage:** 15 Volts
- **Package Quantity:** 8 Pcs (4-Pairs)
- **Item Weight:** 4.9 ounces (0.14 Kilograms)
- **Package Dimensions:** 5.31 x 3.78 x 0.94 inches

Image: Detailed dimensions of the Nakamichi FanLock 2mm Pin Plug Connector, including compatibility with 10 AWG - 18 AWG speaker wires.

9. Warranty and Support

The Nakamichi FanLock Excel Series 2mm Pin Plug Connectors come with a **3-Year Warranty**, ensuring peace of mind regarding product quality and performance.

For technical support, warranty claims, or any inquiries, please contact Nakamichi customer service through their official website or the retailer where the product was purchased. Please have your model number (NFLPNP01-08) and proof of purchase ready when contacting support.