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> FR Emomo Heat and Massage Junction Box NHX034KC8HL Replacement Part User Manual

## FR NHX034KC8HL

# FR Emomo Heat and Massage Junction Box NHX034KC8HL Replacement Part User Manual

Model: NHX034KC8HL | Brand: FR

## 1. INTRODUCTION

This document provides instructions for the FR Emomo Heat and Massage Junction Box, model NHX034KC8HL. This component is designed for use in powered recliner and lift chair systems that utilize Emomo components, connecting the power supply, handset controller, heating pads, and recline/massage motors.

## 2. PRODUCT OVERVIEW

The FR Emomo Heat and Massage Junction Box (model NHX034KC8HL) serves as a central connection point for various electrical components within a heated massage powered lift-chair or recliner. It manages power distribution and signal routing between the power supply, the chair's control handset, heating elements, and the recline/massage motors. This junction box is compatible with Emomo components, including part numbers HANDSET073, MTR067, and HEAT003.



Figure 1: Top view of the FR Emomo Heat and Massage Junction Box, showing the main unit with attached wiring harness and various connectors for different chair components.



Figure 2: Close-up view of the connection ports on the FR Emomo Heat and Massage Junction Box, illustrating the different types of input/output sockets.

### 3. SETUP AND INSTALLATION

This junction box is intended as a replacement part for existing Emomo-based heat, massage, and powered lift-chair or recliner systems. Before purchasing, carefully compare the pictured connections with your existing chair components to ensure compatibility.

1. **Safety First:** Disconnect the recliner or lift chair from its main power source before beginning any installation or replacement work.
2. **Identify Connections:** Carefully note and label the existing connections to the old junction box, if present. This includes connections for the power supply, handset controller, heating pads, and recline/massage motors.
3. **Remove Old Unit:** If replacing an existing unit, carefully disconnect all wires from the old junction box and remove it from its mounting location.

4. **Install New Unit:** Position the new FR Emomo Junction Box (NHX034KC8HL) in the designated location.
5. **Connect Wires:** Connect the power supply, handset controller, heating pads, and recline/massage motor wires to the corresponding ports on the new junction box. Ensure all connections are secure and fully seated. Refer to the specific port shapes and pin configurations shown in Figure 2.
6. **Secure Unit:** Secure the junction box in place using appropriate fasteners (e.g., screws) if applicable, ensuring it is stable and not subject to excessive movement.
7. **Reconnect Power:** Once all connections are verified and secure, reconnect the chair to its main power source.

## 4. OPERATING INSTRUCTIONS

The FR Emomo Heat and Massage Junction Box operates automatically once correctly installed and connected to the power supply and other chair components. Its function is to facilitate communication and power flow between the control handset, motors, and heating elements. There are no user-operable controls directly on the junction box itself.

## 5. MAINTENANCE

The FR Emomo Heat and Massage Junction Box requires minimal maintenance. To ensure optimal performance and longevity:

- **Keep Connections Secure:** Periodically check that all cable connections to the junction box are secure and free from looseness.
- **Cleanliness:** Keep the junction box and its surrounding area free from dust, debris, and foreign objects. Use a dry, soft cloth for cleaning.
- **Avoid Liquids:** Do not expose the unit to liquids or excessive moisture.
- **Temperature:** Avoid exposing the unit to extreme temperatures.

## 6. TROUBLESHOOTING

If the chair's functions (heat, massage, recline) are not operating correctly after installation, consider the following:

- **No Power:** Ensure the chair's main power cord is securely plugged into a working electrical outlet and that the power supply unit is functioning correctly.
- **Loose Connections:** Verify that all cables are securely connected to the junction box and other chair components (handset, motors, heating pads). A loose connection can prevent proper operation.
- **Cable Damage:** Inspect all cables for any visible signs of damage, such as cuts, pinches, or frayed wires. Damaged cables should be replaced.
- **Component Compatibility:** Confirm that all connected components (handset, motors, heating pads) are compatible with Emomo systems and the NHX034KC8HL junction box.
- **Chair's Main Manual:** Consult the chair's original instruction manual for specific troubleshooting steps related to the handset or motors, as the junction box primarily acts as a connector.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	NHX034KC8HL

Brand	FR
Manufacturer	Emomo
Material	Metal, Plastic
Color	Black
Installation Type	Screw-In
Product Dimensions	7 x 6 x 2 inches
Item Weight	11.2 ounces
UPC	753577031082

## 8. WARRANTY AND SUPPORT

Specific warranty information for this replacement part is not provided in the product details. Please refer to your original purchase documentation or contact the seller directly for warranty details and technical support inquiries. For bulk ordering inquiries, contact your supplier.