

## OKIN 62776

# OKIN Okimat 8+2 FURNIBUS Actuator

Model: 62776

## 1. PRODUCT OVERVIEW

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The OKIN Okimat 8+2 FURNIBUS is an electric actuator designed for slatted bed bases, offering advanced functionality for adjustable comfort. It supports the connection of two auxiliary actuators and features four programmable memory positions. The system operates with a dedicated radio remote control, providing convenient adjustment of head and foot sections.

### Key Features:

- 4 programmable memory positions
- Radio remote control operation (2.40 GHz frequency)
- Output for under-bed lighting
- Two auxiliary outputs (DIN 8-pin) for additional actuators
- One synchronization output (DIN 13-pin)
- Integrated current cut-off safety feature



Image 1: The OKIN Okimat 8+2 FURNIBUS actuator, showing its compact design and connection points.

## 2. SAFETY INSTRUCTIONS

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Please read and understand all safety instructions before installing or operating the actuator. Failure to follow these instructions may result in injury or damage to the product.

- **Indoor Use Only:** This product has an IP20 protection rating, meaning it is designed exclusively for indoor use and offers protection against solid objects larger than 12.5mm but no protection against liquids or humidity. Avoid exposure to water or high humidity environments.
- **Intermittent Operation:** To ensure optimal durability and prevent overheating, the actuator is designed for intermittent operation. It can run for 2 minutes, followed by a mandatory 18-minute rest period. Do not exceed this duty cycle.
- **Electrical Safety:** Ensure the power supply matches the specifications (230V ~ 50/60Hz). Disconnect power before any installation, maintenance, or troubleshooting. Do not operate with damaged cables or plugs.
- **Children and Pets:** Keep children and pets away from moving parts during operation to prevent injury.
- **Modifications:** Do not attempt to modify or disassemble the actuator. Unauthorized modifications will void the warranty and may lead to safety hazards.

## 3. SETUP AND INSTALLATION

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Proper installation is crucial for the safe and efficient operation of your Okimat 8+2 FURNIBUS actuator.

- **Mounting:** The actuator is designed for mounting with a slide mechanism. Ensure secure attachment to the bed frame according to the bed manufacturer's instructions. The center-to-center distance (entraxes) is 581 mm, and the bar diameter is 25 mm.
- **Auxiliary Actuator Connection:** The Okimat 8+2 FURNIBUS allows for the connection of two auxiliary actuators. Connect these directly via the provided 8-pin DIN sockets. Ensure auxiliary motors are compatible OKIN models (e.g., MEGAMAT MEZ 62147 or OKIDRIVE EZ).
- **Synchronization Connection:** For synchronized operation with other compatible components, use the 13-pin DIN output.
- **Power Connection:** Connect the actuator to a standard 230V ~ 50/60Hz power outlet. Ensure the power cord is not pinched or damaged.

## 4. OPERATION

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The Okimat 8+2 FURNIBUS actuator is operated using a dedicated radio remote control.

- **Power On:** Once installed and connected, ensure the actuator is plugged into a power source.
- **Remote Control Pairing:** If the remote control is not pre-paired, follow the instructions provided with your specific remote control to establish a connection. The system uses a 2.40 GHz radio frequency.
- **Adjusting Positions:** Use the remote control buttons to adjust the head and foot sections of the bed. Refer to your remote control's specific instructions for button functions. The stroke for the head section is 87 mm and for the feet section is 69 mm.
- **Memory Function:** The actuator features 4 memory positions. To save a position, adjust the bed to the desired setting, then press and hold the memory button on your remote control until a confirmation signal (e.g., a beep or light flash) is received. To recall a saved position, simply press the corresponding memory button.
- **Under-Bed Lighting:** If your system includes under-bed lighting, it can be controlled via the remote control.

## 5. MAINTENANCE

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Regular maintenance helps ensure the longevity and proper functioning of your actuator.

- **Cleaning:** To clean the actuator, wipe it with a dry cloth. Do not use liquid cleaners, solvents, or abrasive materials. Ensure the power is disconnected before cleaning.
- **Inspection:** Periodically inspect all cables, connections, and mounting points for any signs of wear, damage, or looseness. If any damage is found, discontinue use and contact support.
- **Lubrication:** The actuator is factory-lubricated and generally does not require additional lubrication.
- **Spare Parts:** Information regarding the availability of spare parts is currently unavailable. Please contact your supplier for assistance.

## 6. TROUBLESHOOTING

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If you encounter issues with your Okimat 8+2 FURNIBUS actuator, refer to the following common troubleshooting steps:

- **No Power:**
  - Check if the power cable is securely plugged into both the actuator and a functional wall outlet.
  - Verify that the wall outlet is functional by plugging in another device.
  - Ensure the integrated current cut-off feature has not been activated due to an overload or fault. Disconnect power, wait a few minutes, and reconnect.
- **Actuator Not Responding to Remote:**
  - Check the remote control batteries and replace them if necessary.
  - Ensure the remote control is within range and there are no obstructions blocking the signal.
  - Attempt to re-pair the remote control with the actuator according to the remote's specific instructions.
- **Intermittent Operation Issues:**
  - Ensure the specified 2-minute run time / 18-minute rest period cycle is being observed. Continuous

operation beyond the recommended cycle can trigger protective shutdowns.

- **Unusual Noises or Movement:**

- Immediately stop operation.
- Inspect the actuator and bed mechanism for any obstructions or loose components.
- If the issue persists after inspection, contact customer support.

## 7. SPECIFICATIONS

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Detailed technical specifications for the OKIN Okimat 8+2 FURNIBUS actuator:

- **Model Number:** 62776
- **Manufacturer:** OKIN
- **Product Dimensions (L x W x H):** 11 x 5 x 2 cm (4.3 x 2 x 0.8 inches)
- **Item Weight:** 300 g (0.66 lbs)
- **Material:** Plastic
- **Color:** Black
- **Voltage:** 230V ~ 50/60Hz
- **Max Current:** 1.00A
- **Max Force:** 9000 N (4500 N per side)
- **Stroke (Head / Feet):** 87 mm / 69 mm
- **Center-to-center distance (Entraxes):** 581 mm
- **Bar Diameter:** 25 mm
- **Intermittent Operation Cycle:** 2 minutes ON / 18 minutes OFF
- **Protection Rating:** IP20 (Indoor use only)
- **Remote Control Frequency:** 2.40 GHz
- **Auxiliary Outputs:** 2 (DIN 8-pin)
- **Synchronization Output:** 1 (DIN 13-pin)
- **Memory Positions:** 4
- **Serial Number:** H154160 0019
- **Product Code:** 62598



Image 2: Product label displaying model, electrical, and operational specifications.

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the following guidelines:

- **Warranty:** Please refer to your purchase documentation or contact your retailer for specific warranty terms and conditions applicable to your product.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or inquiries about spare parts, please contact your product supplier or the manufacturer, OKIN. When contacting support, please provide your model number (62776) and serial number (H154160 0019) to expedite assistance.