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› Furmax Electric Height Adjustable Standing Desk User Manual

Furmax ST241

Furmax Electric Height Adjustable Standing Desk User Manual

Model: ST241 | Brand: Furmax

1. INTRODUCTION AND PRODUCT OVERVIEW

The Furmax Electric Height Adjustable Standing Desk is designed to promote a healthier and more dynamic work environment. By allowing seamless transitions between sitting and standing positions, it helps alleviate physical strain associated with prolonged sitting, enhancing focus and overall well-being. This manual provides comprehensive instructions for assembly, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your desk.

Key features include a robust electric lift system with memory presets, a spacious wood desktop, and a durable, quiet motor for smooth height adjustments.



Figure 1: Furmax Electric Height Adjustable Standing Desk (Black, 55 Inch).

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before assembly and operation. Failure to follow these instructions may result in injury or damage to the product.

- This desk includes a safety lock function and an anti-collision function in its motor system.
- Ensure all cables are properly managed and secured to prevent tripping hazards or interference with the desk's movement.
- Do not exceed the maximum weight recommendation of 145 pounds on the desktop.
- Keep children and pets away from the desk during operation to prevent accidents.
- Avoid placing liquids directly on the desktop without proper coasters or protection.
- Do not attempt to disassemble or repair the motor system yourself. Contact qualified personnel for service.

3. COMPONENTS AND PARTS

Before beginning assembly, verify that all components are present and undamaged. If any parts are missing or damaged, please contact customer support.

- Desktop (divided into two pieces for the 55-inch model)

- Desk Legs (T-shaped metal bracket)
- Electric Motor System
- Digital Control Panel
- Headphone Hook
- Cable Hole/Grommet
- Assembly Hardware (screws, tools if included)

Digital Control Panel



LED Display:

LED screen displays accurate height



UP Key:

Press and hold the UP key to raise the desk



1/2 Key:

Press and hold the 1/2 key to save the height



DOWN Key:

Press and hold the DOWN key to raise the desk

Figure 2: Main components of the Furmax Electric Standing Desk.

4. SETUP AND ASSEMBLY

Assembly of the Furmax Electric Height Adjustable Standing Desk is straightforward. For detailed visual instructions, please refer to the official installation manual PDF available on the product page or contact customer support.

1. **Unpack and Identify Parts:** Carefully unpack all components and lay them out on a clean, soft surface to prevent scratches. Identify each part using the provided parts list.

2. **Assemble Desk Legs:** Attach the T-shaped metal brackets to the main leg columns. Ensure all screws are tightened securely.
3. **Install Motor System:** Mount the electric motor system and connecting rod between the desk legs according to the instructions.
4. **Attach Desktop:** Carefully place the two desktop pieces onto the assembled frame. Secure them using the provided screws. Note that the desktop is designed in two sections.
5. **Connect Control Panel:** Attach the digital control panel to the underside of the desktop and connect its cable to the motor system.
6. **Cable Management:** Route all cables neatly using the integrated cable hole and any provided cable ties or clips to prevent tangling and ensure smooth operation.
7. **Initial Power-Up:** Plug the desk into a power outlet. The motor system may require a few moments to initialize.



Figure 3: Assembly step showing the desk frame construction.

5. OPERATING INSTRUCTIONS

Your Furmax Electric Standing Desk features an intuitive digital control panel for easy height adjustment and memory functions.

5.1. Digital Control Panel Functions



Figure 4: Digital Control Panel.

- **LED Display:** Shows the current height of the desk in inches.
- **UP Key (▲):** Press and hold to raise the desk.
- **DOWN Key (▼):** Press and hold to lower the desk.
- **Memory Keys (1/2):** Press and hold to save the current height to that preset. A short press will move the desk to the saved height.

5.2. Adjusting Height

The desk can be adjusted between 28.7 and 46.4 inches at a speed of 1 inch per second. The motor operates with low noise (under 50 dB).

- To raise the desk, press and hold the UP key (▲).
- To lower the desk, press and hold the DOWN key (▼).
- Release the button at your desired height.



Figure 5: Height adjustment range.

5.3. Setting Memory Presets

- Adjust the desk to your preferred sitting height.
- Press and hold one of the memory keys (1 or 2) until the display flashes or indicates the height is saved.
- Repeat the process for your preferred standing height using the other memory key.
- To recall a saved height, simply press the corresponding memory key (1 or 2). The desk will automatically move to that position.



Weight capacity: 145 lbs

Figure 6: Memory preset buttons.

5.4. Safety Features

- **Anti-Collision Function:** If the desk encounters an obstacle during adjustment, it will automatically stop and reverse slightly to prevent damage.
- **Overheat Protection:** The motor system is equipped with overheat protection to prevent damage from continuous operation. If the motor overheats, it will temporarily shut down and resume operation once it cools.
- **Safety Lock Function:** This feature prevents unintended adjustments. Consult the full installation manual for instructions on how to activate/deactivate this function.

6. MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your Furmax standing desk.

- **Cleaning:** Wipe the desktop and legs with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners that could damage the finish.

- **Cable Check:** Periodically inspect all cables for wear or damage. Ensure they are securely fastened and not interfering with the desk's movement.
- **Tighten Screws:** Over time, some screws may loosen. Periodically check and tighten all assembly screws to maintain stability.
- **Motor Care:** The motor is designed for long-term use (over 10,000 cycles). No special lubrication or maintenance is typically required for the motor itself.

7. TROUBLESHOOTING

If you encounter any issues with your desk, refer to the following common troubleshooting tips. For more detailed solutions, please consult the official Troubleshooting Guide (PDF) or contact customer support.

Problem	Possible Cause	Solution
Desk not moving	Power cable disconnected; Overheat protection activated; Safety lock engaged.	Check power connection; Allow motor to cool down; Refer to manual for safety lock disengagement.
Uneven height adjustment	Loose screws; Uneven load on desktop.	Tighten all assembly screws; Distribute weight evenly on the desktop.
Desk stops unexpectedly	Anti-collision activated; Overload.	Check for obstacles; Reduce weight on the desk.

8. SPECIFICATIONS

Detailed technical specifications for the Furmax Electric Height Adjustable Standing Desk:

Feature	Detail
Brand	Furmax
Model Number	ST241
Product Dimensions	24"D x 55"W x 28.7"H
Color	Black
Style	Modern
Base Material	Metal (Alloy Steel)
Top Material Type	Wood (Laminated finish)
Special Feature	Adjustable Height, Memory Presets, Anti-Collision, Overheat Protection
Room Type	Office
Recommended Uses	Working
Included Components	Headphone Hook, Cable Hole

Feature	Detail
Maximum Weight Recommendation	145 Pounds
Height Adjustment Range	28.7 Inches (Min) to 46.4 Inches (Max)
Lifting Speed	1 inch/second
Motion Noise	Under 50 dB
Tabletop Thickness	0.75 Inches
Item Weight	46.8 Pounds
Required Assembly	Yes

9. WARRANTY AND SUPPORT

The Furmax Electric Height Adjustable Standing Desk comes with a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Furmax website. For any questions, technical assistance, or support needs, please contact Furmax Customer Support. You can find contact information on the product packaging or the brand's official website.

- **Installation Manual (PDF):** [Download Here](#)
- **Troubleshooting Guide (PDF):** [Download Here](#)
- **Furmax Store:** [Visit Online](#)

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Name

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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