Marsail TZESD4B-1

Marsail TZESD4B-1 Electric Standing Desk User Manual

Model: TZESD4B-1 | Brand: Marsail

1. Introduction

Thank you for choosing the Marsail TZESD4B-1 Electric Standing Desk. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your new desk. Please read these instructions carefully before use and retain them for future reference. This desk is designed to offer a versatile workspace, allowing you to switch between sitting and standing positions for improved comfort and productivity.

2. Safety Information

- Ensure all electrical connections are secure and the power cord is not damaged. Do not operate the desk with a damaged cord or plug.
- Keep children and pets away from the desk during operation to prevent injury.
- Ensure there are no obstructions above or below the desk when adjusting its height. Maintain adequate clearance.
- Do not overload the desk. The maximum weight capacity is 175 lbs (80 kg).
- Avoid placing liquids directly on the control panel or motor components.
- Do not sit or stand on the desk.
- If the desk makes unusual noises or movements, discontinue use and consult the troubleshooting section or contact customer support.

3. Package Contents

Please verify that all components are present before beginning assembly. If any parts are missing or damaged, contact Marsail customer support.

- Desktop Surface (Engineered Wood)
- Desk Legs (Carbon Alloy Steel)
- Electric Motor and Control Box
- Control Panel with Memory Presets

- Monitor Stand
- Fabric Drawers (x2)
- Accessory Hooks (x2)
- Hardware Kit (screws, bolts, tools)
- Power Adapter

Tools Required (Not Supplied): #2 Cross Screwdriver. A powered driver with the same size bit is recommended for faster assembly.

4. Assembly Instructions

Follow the steps below to assemble your Marsail Electric Standing Desk. It is recommended to have two people for assembly, though it can be done by one.

1. **Unpack and Organize:** Carefully unpack all components and lay them out on a clean, soft surface to prevent scratches. Organize the hardware according to the labels.
2. **Attach Desk Legs:** Secure the desk legs to the desktop using the provided screws. Ensure the motor side of the leg is positioned correctly as per the detailed diagrams in the included printed manual.
3. **Install Crossbar and Side Brackets:** Attach the crossbar and side brackets between the desk legs for structural stability.
4. **Mount Motor and Control Box:** Securely mount the electric motor and control box to the designated areas under the desktop. Connect the motor cable to the control box.
5. **Attach Control Panel:** Install the control panel on the right side of the desk, connecting its cable to the control box.
6. **Install Monitor Stand:** Place the monitor stand on the desktop. It features a device slot, two drawers, and additional storage space.
7. **Insert Drawers:** Slide the two fabric drawers into their designated compartments within the monitor stand.
8. **Attach Accessory Hooks:** Secure the two accessory hooks to the underside of the desktop on either side.
9. **Connect Power:** Plug the power adapter into the control box and then into a wall outlet.

Figure 4.1: Desk Dimensions. This image illustrates the overall dimensions of the Marsail standing desk, including the desktop size (48" W x 24" D), monitor stand (44" W x 10" D x 4" H), and height adjustment range (27.5" to 46.7"). It also shows the base dimensions (31" W x 23" D) and the 176 lbs weight capacity.

Figure 4.2: Integrated Features. This image details the integrated features of the desk's monitor stand, including a device slot for phones or tablets, two fabric drawers for storage, a central storage compartment, and the elevated monitor stand itself.

5. Operating Instructions

5.1 Height Adjustment

Use the up and down arrow buttons on the control panel to adjust the desk height. The digital display will show the current height.

- Press the **Up Arrow** button to raise the desk.
- Press the **Down Arrow** button to lower the desk.

Figure 5.1: Height Adjustment Range. This image illustrates the smooth and silent lifting mechanism, showing the desk's adjustable height range from 28.3 inches to 48 inches. The motor operates quietly, below 50 dB.

5.2 Memory Presets

The control panel allows you to save up to four preferred height settings for quick adjustments.

1. Adjust the desk to your desired height using the up/down arrows.
2. Press the **"M"** button (Memory) once. The display will show "S-".
3. Within 3 seconds, press one of the number buttons (**"1"**, **"2"**, **"3"**, or **"4"**) to save the current height to that preset. The display will show the number you selected, confirming it's saved.
4. To recall a saved height, simply press the corresponding number button. The desk will automatically move to that preset height.

5.3 Anti-Collision Feature

The desk is equipped with an anti-collision system. If the desk encounters an obstruction during height adjustment, it will automatically stop and reverse slightly to prevent damage.

6. Maintenance

- **Cleaning:** Wipe the desk surface and legs with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check all screws and bolts to ensure they are tight. Re-tighten if necessary.
- **Cable Management:** Ensure all cables are neatly managed and not pinched or tangled, especially during height adjustments.
- **Motor Care:** The electric motor is designed for maintenance-free operation. Do not attempt to open or lubricate the motor housing.

7. Troubleshooting

If you encounter issues with your desk, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Desk does not move.	Power cable disconnected, motor cable loose, overload.	◦ Check if the power cable is securely plugged into the wall outlet and the control box. ◦ Ensure the motor cable is firmly connected to the control box. ◦ Reduce the weight on the desk if it exceeds 175 lbs. ◦ Perform a reset (see below).
Desk moves unevenly or makes unusual noise.	Uneven load, loose connections, internal motor issue.	◦ Distribute weight evenly on the desktop. ◦ Check all assembly screws for tightness. ◦ Perform a reset. If the problem persists, contact customer support.
Error code displayed (e.g., "E01", "RST").	Various system errors, often requiring a reset.	◦ **Reset Procedure:** Press and hold the "Down Arrow" button until the desk reaches its lowest position and then slightly rises. Release the button. If the error persists, unplug the desk for 10 minutes, then plug it back in and try the reset again. ◦ If the error code persists after reset, contact customer support with the specific code.
Anti-collision feature triggers too easily or not at all.	Sensitivity setting, sensor obstruction.	◦ Ensure no objects are interfering with the desk's movement path. ◦ Refer to the full printed manual for instructions on adjusting anti-collision sensitivity, if available.

8. Specifications

Feature	Detail
Model Number	TZESD4B-1
Brand	Marsail
Desktop Material	CARB P2 Certified Engineered Wood
Frame Material	Carbon Alloy Steel (T-shaped legs)
Color	Carbon Black
Desktop Dimensions	48 inches (W) x 24 inches (D)
Height Adjustment Range	28.3 inches to 46 inches
Monitor Stand Dimensions	44 inches (W) x 10 inches (D) x 4 inches (H)
Drawer Dimensions (each)	11 inches (W) x 9 inches (D) x 3 inches (H)
Keyboard Storage Compartment	22 inches (W) x 9 inches (D) x 3 inches (H)
Weight Capacity	Up to 175 lbs (80 kg)
Motor Noise Level	Less than 50 dB
Special Features	Dual Drawers, Anti-Collision Technology, 4-inch Monitor Riser, Phone Holder, 2 Accessory Hooks
Product Weight	29.03 kg (approx. 64 lbs)

Figure 8.1: Reliable Performance. This image highlights the desk's durability, indicating it has undergone 50,000 internal lift tests and can support up to 176 lbs (80 kg).

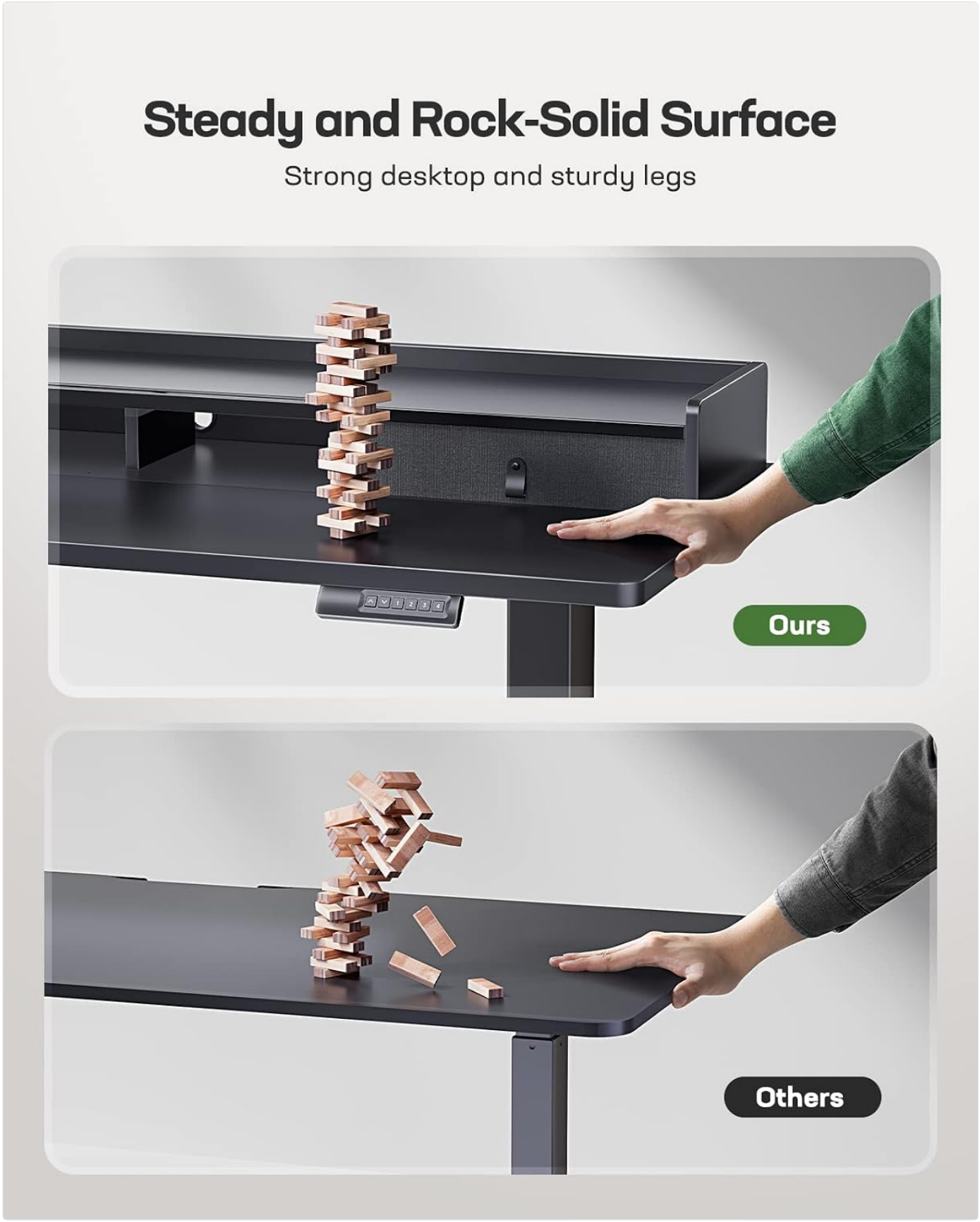

Figure 8.2: Desk Stability. This image visually compares the stability of the Marsail desk (top) against another desk (bottom) by showing a Jenga tower remaining stable on the Marsail desk, indicating a steady and rock-solid surface.

9. Warranty and Support

The Marsail TZESD4B-1 Electric Standing Desk is backed by a**5-year limited warranty**. This warranty covers manufacturing defects and ensures the desk performs as intended under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact Marsail customer support.

- **Website:** www.marsail.com (*Placeholder - actual website not provided in data*)
- **Email:** support@marsail.com (*Placeholder - actual email not provided in data*)
- **Phone:** +1-XXX-XXX-XXXX (*Placeholder - actual phone number not provided in data*)

Please have your model number (TZESD4B-1) and purchase date ready when contacting support.