BONTEC ESD01-EU

BONTEC Electric Standing Desk Frame (Single Motor) Instruction Manual

Model: ESD01-EU | Brand: BONTEC

1. Introduction and Overview

This manual provides detailed instructions for the assembly, operation, and maintenance of your BONTEC Electric Standing Desk Frame. This single motor frame is designed to offer ergonomic comfort by allowing easy height adjustments, promoting a healthier work environment.

The sturdy metal construction supports up to 185 lbs, ensuring stability for your monitors, computers, and office accessories. Its quiet motor, memory presets, and anti-collision features enhance user experience and safety.



Image 1: Assembled BONTEC Electric Standing Desk Frame.

2. Safety Information

Please read all instructions carefully before assembly and use. Keep children and pets away from the desk during operation. Ensure no obstacles are in the desk's path during height adjustments. The anti-collision feature is designed to stop movement if an obstruction is detected, but user vigilance is always recommended.

3. Package Contents

The package includes all necessary accessories and labeled parts for straightforward assembly. Please verify all components are present and in good condition before proceeding.

4. Setup and Assembly Instructions

Follow the steps below for proper assembly. Refer to the accompanying video for visual guidance.

Video 1: Single Motor Standing Desk Frame Installation Guide. This video provides a step-by-step visual walkthrough of the assembly process.

1. **Step 1: Attach Top Brackets to Legs**

Secure parts D (top brackets) to table legs B and C using the provided screws and Allen key. Ensure correct mounting orientation of part D.

2. **Step 2: Prepare Crossbars**
   Loosen the screws on parts H and G (crossbars) to allow for adjustment.
3. **Step 3: Connect Crossbars to Legs**
   Connect parts G and H to table legs B and C using the provided screws and Allen key.
4. **Step 4: Attach Side Brackets and Hook**
   Attach part 5 (hook) to part F (side bracket) with a screw. Then, connect parts F to table legs B and C with screws. Note the installation direction of parts F.
5. **Step 5: Insert Drive Shaft**
   Insert part I (drive shaft) into parts H and G (crossbars).
6. **Step 6: Adjust Length and Tighten**
   Adjust the length of the frame as needed to fit your desktop. After proper adjustment, tighten the screws on parts H and G. When installing the desktop, ensure the distance between part F and both desktop edges is less than or equal to 5.9 inches.
7. **Step 7: Secure Frame to Desktop**
   Secure parts H, G, and F to your desktop using the provided screws and screwdriver.
8. **Step 8: Insert Drive Rod**
   Insert part E (drive rod) into table leg C and connect it to table leg B. Ensure both table legs are at their lowest height before inserting the drive rod.
9. **Step 9: Attach Control Panel**
   Attach part A (control panel) to the desktop using the provided screws and screwdriver. Ensure part A is mounted on the same side as table leg B.
10. **Step 10: Connect Wires and Manage Cables**
    Connect the wires from part A (control panel) and part J (power cable) to the motor. Use the provided cord snaps to secure and organize the cables, maintaining a tidy workspace.

Desktop Compatibility

This standing desk frame is compatible with tabletops 40"–63" long and 24"–30" wide, allowing for flexible workspace customization.



Image 2: Illustration of the desk frame's compatibility with different tabletop dimensions.

5. Operating Instructions

Height Adjustment

Easily adjust your desk height from 28.3" to 46.5" using the electric standing desk controller to alternate between sitting and standing positions. This smooth transition helps reduce back and neck strain, enhances posture, and supports long working hours comfortably.

Memory Settings

The standing desk controller includes 3 memory presets for quick height adjustments. Program your preferred sitting and standing heights for convenient switching.

Anti-Collision Feature

The anti-collision design stops instantly when the frame meets obstacles during adjustment, ensuring added safety for users and surrounding objects.

Quiet Operation

The electric desk adjustable height system runs under 55 dB, providing smooth and quiet lifting without disturbing your work environment.



Image 3: Detailed view of the multi-function control panel, showing buttons for height adjustment, memory presets, LED display, and overheating protection.

6. Maintenance

Regularly check all screws and connections to ensure they are tight. Clean the metal surfaces with a soft, damp cloth. Avoid using abrasive cleaners or solvents.

7. Troubleshooting

If the desk does not operate correctly after assembly, perform the initialization process:

- When first turning on the power after installation, the controller will show "rES".

- Press and hold the "down" button until you hear a "di" sound.
- The table will bounce back and then display a number. This indicates that the initialization is complete.

If issues persist, please refer to the manufacturer's support channels.

8. Specifications

Feature	Specification
Brand	BONTEC
Model Number	ESD01-EU
Height Adjustment Range	28.3" to 46.5"
Load Capacity	185 lbs (85 kg)
Motor Type	Single Motor
Noise Level	Under 55 dB
Memory Presets	3
Anti-Collision	Yes
Material	Heavy-duty Steel
Color	Black
Product Dimensions	53.07 x 22.99 x 46.5 inches
Item Weight	26 pounds (11.8 kg)
Assembly Required	Yes

Image 4: Product details with dimensions.

9. Warranty and Support

For warranty information or technical support, please contact BONTEC customer service directly. Refer to your purchase documentation for specific warranty terms and contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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