

## AECOJOY AE102

# AECOJOY Electric Standing Desk Frame User Manual

Model: AE102

## INTRODUCTION

---

This manual provides detailed instructions for the assembly, operation, maintenance, and troubleshooting of your AECOJOY Electric Standing Desk Frame. This dual-motor frame allows you to create a height-adjustable workstation, promoting a healthier work environment by reducing shoulder and neck pressure during long working hours. The dual motor system ensures powerful, smooth, stable, and quiet height adjustment.

## SAFETY INFORMATION

---

Please read all safety instructions carefully before assembly and operation to prevent injury or damage to the product.

- Ensure all components are present and undamaged before beginning assembly.
- Keep children and pets away from the desk during operation.
- Do not place hands or other objects near moving parts during height adjustment.
- Ensure the desk is placed on a level surface.
- Do not overload the desk. The maximum weight capacity is 265 lbs (120 kg).
- Only use the provided power adapter and cables.
- Disconnect power before performing any maintenance or cleaning.
- If the motors overheat during frequent adjustments, they will temporarily disable. Allow them to cool down before resuming operation.

## PACKAGE CONTENTS

---

Verify that all the following components are included in your package:

- Left Leg Assembly
- Right Leg Assembly
- Crossbar (Adjustable Frame)
- Control Panel
- Control Box
- Power Adapter and Cable
- Mounting Hardware (screws, bolts, washers)

- Cable Ties
- Instruction Manual (this document)

*Note: Desk Top is NOT included with this frame.*

## **SETUP & ASSEMBLY**

---

Assembly of the AECOJOY Electric Standing Desk Frame is straightforward, but it is recommended to have a helper, especially when attaching the desktop and flipping the assembled unit upright due to its weight.

### **1. Unpacking and Preparation**

Carefully unpack all components and lay them out on a clean, soft surface to prevent scratches. Ensure all parts listed in the 'Package Contents' section are present.

### **2. Assembling the Frame**

Connect the two leg assemblies to the adjustable crossbar. The frame width is adjustable from 39.75 inches to 70.8 inches. Secure the crossbar to the legs using the provided hardware. There are 8 set screws to lock the rails to your desired width before mounting the desktop.



Image: The AECOJOY Electric Standing Desk Frame, showing the main components including the dual legs, adjustable crossbar, and control panel.



Image: Detailed dimensions of the desk frame, illustrating the adjustable width (39.75" to 70.8") and height (28.3" to 47.2").

### 3. Attaching the Desktop

This frame is compatible with desktop sizes ranging from 43.3 inches to 70.8 inches in width and 23.6 inches to 31.5 inches in depth, with a minimum thickness of 0.7 inches. Carefully align your chosen desktop with the assembled frame and secure it using appropriate screws (not included, as desktop is separate). Ensure the desktop is centered and securely fastened to prevent wobbling.

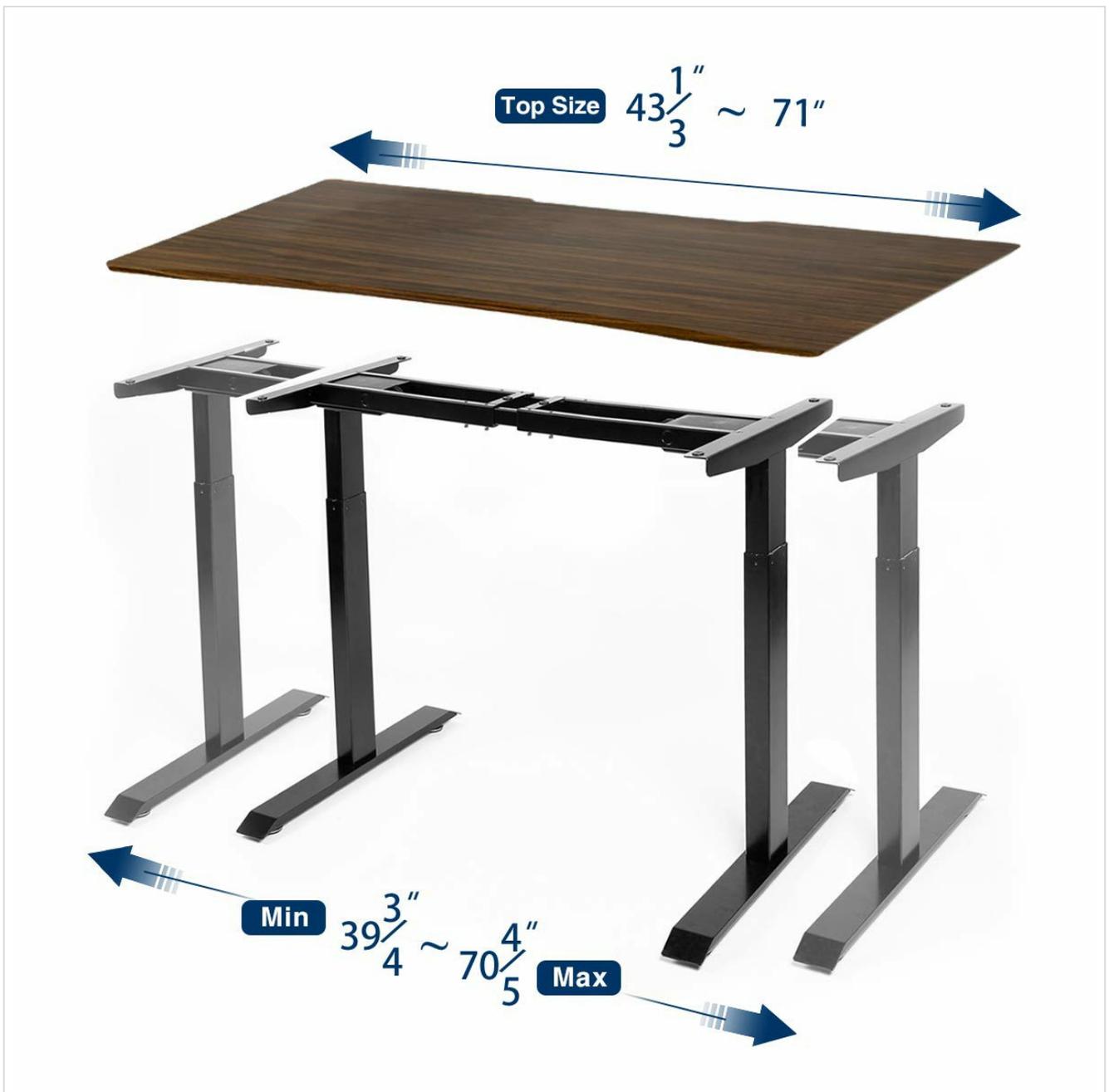


Image: Diagram showing the recommended top size compatibility for the desk frame, ranging from 43.3" to 71" in width.

#### 4. Connecting Electronics

Connect the control panel and motor cables to the control box. Then, connect the power adapter to the control box and plug it into a wall outlet. Use the included cable ties to manage and secure all cables neatly.

Dual Motor

Durable connection

Adjustable Feet

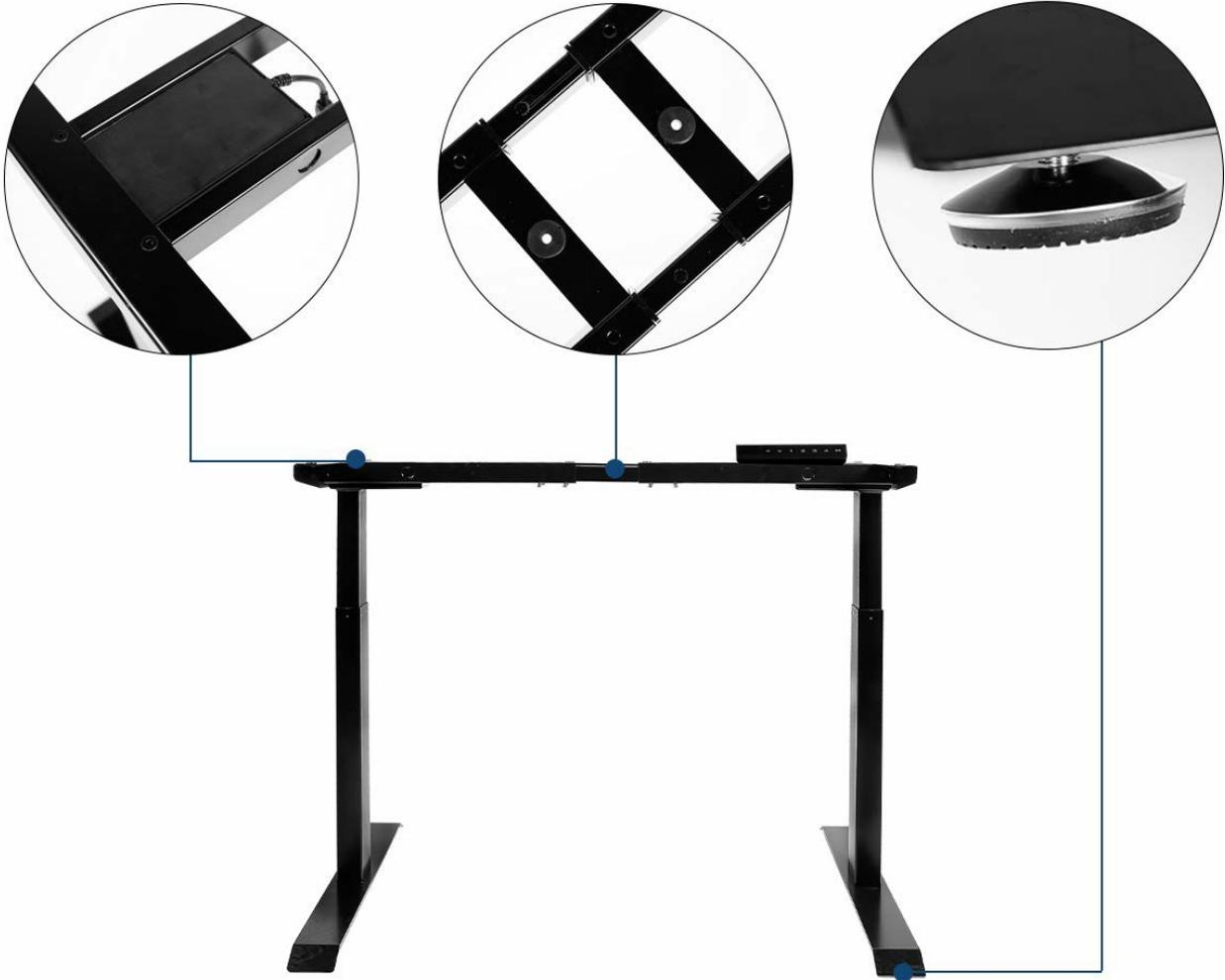


Image: Exploded view highlighting key features: dual motor system, durable connection points, and adjustable feet for stability.

## OPERATING INSTRUCTIONS

---

### Control Panel Overview

# Ergonomic Height Controller

Adjustable the desk to your desired position. 4 Memory Height Setting



## Button

Gently press the pressure



## 4 Memory Setting

4 desired height memory presets



## UP and DOWN Movement

Adjustable desk position

Image: Close-up of the ergonomic height controller, showing the digital display, up/down arrows, memory presets (1-4), and memory set button (M).

- **Up/Down Arrows (▲ / ▼):** Press to adjust the desk height up or down.
- **Memory Presets (1, 2, 3, 4):** Buttons to recall saved height positions.
- **Memory Set Button (M):** Used to save current height positions to a preset.
- **Digital Display:** Shows the current height of the desk in inches.

## Height Adjustment

Press and hold the Up (▲) or Down (▼) arrow button to move the desk to your desired height. Release the button to stop the movement. The desk height can be adjusted from 28.3 inches (minimum) to 47.2 inches (maximum).



Control Panel

## DUAL MOTOR Electric Lift System



Max  $47\frac{1}{5}$ "



Adjustable  
Height



Min  $28\frac{1}{3}$ "

Image: Illustration demonstrating the adjustable height range of the desk, from a minimum of 28.3" to a maximum of 47.2", controlled by the dual motor electric lift system.



Image: A user demonstrating the versatility of the desk, shown in both sitting and standing positions, highlighting its ergonomic benefits.

## Setting Memory Presets

The control panel features four programmable height presets (1, 2, 3, 4) for quick access to your preferred sitting and standing heights.

1. Adjust the desk to your desired height using the Up/Down arrows.
2. Press the 'M' button. The display will show 'S'.
3. Within 3 seconds, press the desired preset number (1, 2, 3, or 4). The display will show the number you pressed, indicating the height is saved.

To use a saved preset, simply press the corresponding number button (1, 2, 3, or 4). The desk will automatically move to the saved height.

## MAINTENANCE

---

Regular maintenance ensures the longevity and optimal performance of your AECOJOY Electric Standing Desk

Frame.

- **Cleaning:** Disconnect power before cleaning. Wipe the desk frame with a dry cloth. Avoid using abrasive cleaners or harsh chemicals that may damage the finish.
- **Inspection:** Periodically check all screws and bolts to ensure they are tight. Retighten if necessary.
- **Cable Management:** Ensure cables are not pinched or tangled, which could affect performance or cause damage. Use the provided cable ties to keep them organized.

## TROUBLESHOOTING

---

If you encounter any issues with your desk frame, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Desk does not move / No power	Power cable disconnected; Outlet issue; Control box not connected.	Check all power connections. Ensure the power adapter is securely plugged into the wall and the control box. Try a different outlet.
Error Code E60 displayed	Cable not fully plugged in; System needs reset.	Ensure all motor and control panel cables are fully and securely plugged into the control box. To reset the system, press and hold the Up (▲), Down (▼), and 'M' buttons simultaneously until the display shows 'RES' and the desk lowers to its minimum height. Release the buttons once the reset is complete.
Desk stops moving during adjustment / Motors overheat	Excessive or continuous operation; Overload.	Allow the motors to cool down for at least 20 minutes. Avoid continuous up/down adjustments for extended periods. Ensure the desk is not overloaded beyond its 265 lbs capacity.
Wobbling or instability	Loose connections; Uneven floor.	Check and tighten all assembly screws and bolts. Adjust the leveling feet at the bottom of the desk legs to ensure stability on uneven surfaces.

## SPECIFICATIONS

---

Feature	Detail
Brand	AECOJOY
Model Number	AE102
Color	Black
Base Material	Metal
Special Feature	Electric, Height Adjustable

Feature	Detail
Frame Width Adjustment	39.75" to 70.8" (101 cm to 180 cm)
Frame Height Adjustment	28.3" to 47.2" (72 cm to 120 cm)
Weight Capacity	Up to 265 lbs (120 kg)
Adjustment Speed	1 inch per second
Motor System	Dual Motor Lift System
Control Panel	Touch Control Panel with 4 programmable height presets
Compatible Desktop Width	43.3" to 70.8" (110 cm to 180 cm)
Compatible Desktop Depth	23.6" to 31.5" (60 cm to 80 cm)
Compatible Desktop Thickness	0.7" (1.8 cm) and greater
Assembly Required	Yes
Item Weight	27 kg (Approximately 59.5 lbs)

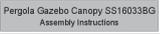
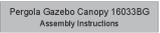
## WARRANTY AND SUPPORT

The AECOJOY Electric Standing Desk Frame comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For any missing parts, assembly assistance, troubleshooting not covered in this manual, or warranty claims, please contact AECOJOY customer support. You can typically reach us through the platform where you purchased the product or via our official website. Please have your model number (AE102) and purchase details ready when contacting support.

We are committed to providing excellent customer service and ensuring your satisfaction with our products.

## Related Documents

 	<p><a href="#">AECOJOY SS16033BG Pergola Gazebo Canopy Assembly Instructions &amp; Guide</a></p> <p>Detailed assembly instructions and parts list for the AECOJOY SS16033BG Pergola Gazebo Canopy. Learn how to build your outdoor sunshade structure safely and efficiently.</p>
 	<p><a href="#">AECOJOY Pergola Gazebo Canopy 16033BG Assembly Instructions</a></p> <p>Detailed assembly instructions for the AECOJOY 16033BG Pergola Gazebo Canopy, including parts lists and step-by-step guidance for assembly.</p>

ASSEMBLY INSTRUCTIONS SS16411

16' x 10' Attached Pergola

There are 4 steps in this assembly.  
**Please read the contents on the second page carefully.**  
• Before starting the installation please thoroughly read the instructions to become familiar with the material and assembly.  
• Please proceed with the assembly step by step. If you have any questions please don't hesitate to contact us.



1. There are 4 steps in this assembly.
2. You are advised to always use safety gear including safety glasses, and use hand protection (gloves) when working with the material.
3. Our goal is to provide you with a complete kit to assemble the pergola, which also includes all the necessary hardware.
4. The pergola is made of high quality aluminum, which is resistant to rust and corrosion.
5. The pergola is made of high quality aluminum, which is resistant to rust and corrosion.

[AECOJOY 16'x10' Attached Pergola Assembly Instructions SS16411](#)

Comprehensive assembly instructions for the AECOJOY 16 ft. x 10 ft. Attached Pergola (Model SS16411). Includes parts list, step-by-step guidance, safety precautions, and warranty information.

ASSEMBLY INSTRUCTIONS SS16400

8' x 8' Attached Pergola

There are 4 steps in this assembly.  
**Please read the contents on the second page carefully.**  
• Before starting the installation please thoroughly read the instructions to become familiar with the material and assembly.  
• Please proceed with the assembly step by step. If you have any questions please don't hesitate to contact us.



1. There are 4 steps in this assembly.
2. You are advised to always use safety gear including safety glasses, and use hand protection (gloves) when working with the material.
3. Our goal is to provide you with a complete kit to assemble the pergola, which also includes all the necessary hardware.
4. The pergola is made of high quality aluminum, which is resistant to rust and corrosion.
5. The pergola is made of high quality aluminum, which is resistant to rust and corrosion.

[AECOJOY 8'x8' Attached Pergola Assembly Instructions](#)

Detailed assembly instructions for the AECOJOY 8'x8' Attached Pergola (Model SS16400), including parts list and step-by-step guidance for safe and proper installation.