

PrimeCables Cab-08413-BK-G2

PrimeCables Electric Standing Desk Frame

USER MANUAL



1. Important Safety Information

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

- Ensure proper electrical connections are made according to local regulations and the provided wiring diagram.
- Do not exceed the maximum weight limit of **70kg (154lbs)** on the desk frame. Overloading can cause instability and damage.
- Use caution while assembling and adjusting the desk. Keep hands and fingers clear of moving parts.
- Make sure the desk is stable and level before placing any items on it. Adjust the foot pads if necessary.
- Keep children and pets away from the desk during operation to prevent accidents.
- Disconnect power before cleaning or performing any maintenance.

2. Product Overview and Components

The PrimeCables Electric Standing Desk Frame is designed to provide a versatile and ergonomic workspace. It features adjustable height and width to accommodate various tabletop sizes and user preferences.



Figure 2.1: Main components of the desk frame, including the legs, crossbar, and control panel.



Figure 2.2: The H09 Smart Controller with 5 buttons and a digital display.



Figure 2.3: Included accessory: Two hanging hooks for headphones or bags.



Figure 2.4: Included accessory: One cable management tray to organize wires.

The desk frame is constructed from heavy-duty alloy steel, ensuring stability and durability. It features dual motors for smooth and quiet height adjustments.

3. Setup and Assembly

This section provides general guidelines for assembling your PrimeCables Electric Standing Desk Frame. A detailed assembly manual with step-by-step instructions and diagrams is typically included in the product packaging. Please refer to that document for precise assembly steps.

3.1 Tabletop Compatibility

The desk frame is designed to fit a wide range of tabletops. Ensure your chosen tabletop meets the following dimensions for optimal performance and stability:

- **Length:** From 39.4 inches (100 cm) to 63 inches (160 cm)
- **Width:** From 23.6 inches (60 cm) to 27.6 inches (70 cm)



Figure 3.1: Recommended tabletop dimensions for the desk frame.



Figure 3.2: The desk frame's adjustable height (28.3"-46.5") and width (35.4"-53.1").

3.2 General Assembly Steps (Summary)

1. Unpack all components and verify against the parts list in your assembly manual.
2. Attach the lifting columns to the foot bases.
3. Connect the crossbar and side brackets to the lifting columns.
4. Install the control box and motor.
5. Securely attach your chosen tabletop to the frame using appropriate screws (tabletop and screws not included).
6. Connect the H09 controller and power cable.
7. Perform initial calibration as per the detailed manual.

4. Operating Instructions

The PrimeCables Electric Standing Desk Frame is operated using the H09 Smart Controller. This controller allows for precise height adjustments and includes memory presets for convenience.

4.1 H09 Smart Controller Functions



Figure 4.1: The H09 Smart Controller interface.



Figure 4.2: The desk frame can adjust from a minimum of 28.3 inches to a maximum of 46.5 inches.

- **Up/Down Buttons (▲ / ▼):** Press and hold to continuously adjust the desk height upwards or downwards. Release the button to stop at the desired height.
- **Digital Display:** Shows the current height of the desk in real-time.
- **Memory Presets (1, 2, 3):** The controller features 3 programmable memory presets. To save a height: Adjust the desk to your desired position, then press the 'M' button (if present, or a dedicated 'Set' button) followed by the desired number button (1, 2, or 3). The display may flash to confirm. To recall a saved height: Simply press the corresponding number button (1, 2, or 3), and the desk will automatically move to that saved position.
- **Obstruction Retraction:** The desk is equipped with an anti-collision feature. If the desk encounters an obstruction during movement, it will automatically stop and retract slightly to prevent damage.

4.2 Quiet and Efficient Operation

The dual motor system provides a lifting speed of 20mm/s with a noise level of $\leq 50\text{dB}$, ensuring quiet operation suitable for various environments.

5. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your PrimeCables Electric Standing Desk Frame.

- **Cleaning:** Wipe down the desk frame with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners that could damage the finish. Ensure the power is disconnected before cleaning.
- **Cable Management:** Periodically check that all cables are securely connected and not pinched or tangled. Utilize the included cable management tray to keep wires organized.
- **Fastener Check:** Every few months, inspect all screws and bolts to ensure they are tight. Retighten any loose fasteners to maintain stability.
- **Lubrication:** The lifting columns are generally maintenance-free. Do not attempt to lubricate internal components unless specifically instructed by the manufacturer.

6. Troubleshooting

If you encounter issues with your desk frame, refer to the following common troubleshooting steps. For persistent problems, contact customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Desk does not move or respond to controls.	Power cable disconnected; Controller cable loose; Overload protection activated.	Check all power and controller connections. Unplug the desk for 10 minutes, then plug back in to reset. Reduce load if overloaded.
Desk moves unevenly or makes unusual noises.	Loose fasteners; Obstruction; Uneven weight distribution.	Check and tighten all assembly screws. Ensure no obstructions are in the path of the lifting columns. Redistribute weight evenly on the tabletop.
Desk shakes when elevated.	Loose connections; Uneven floor; Excessive load; Inherent design characteristic.	Ensure all frame connections are tight. Adjust foot pads to level the desk on uneven surfaces. Do not exceed the maximum weight capacity. Some minimal movement at maximum height is normal for standing desks.
Digital display shows an error code.	Specific system error.	Refer to the detailed assembly manual for a list of error codes and their corresponding solutions. Often, a power cycle (unplug and replug) can resolve temporary errors.

7. Specifications

Key technical specifications for the PrimeCables Electric Standing Desk Frame.

Feature	Specification
Brand	PrimeCables
Model Number	Cab-08413-BK-G2
Material	Alloy Steel
Color	Black
Height Adjustment Range	28.3" - 46.5" (720mm - 1180mm)
Width Adjustment Range	35.4" - 53.1" (900mm - 1350mm)
Lifting Speed	20mm/s
Noise Level	≤50dB
Weight Capacity	154 lbs (70 kg)
Controller Type	H09 Smart Controller with 3 Memory Presets
Special Features	2 Hanging Hooks, 3-Memory Control, Adjustable Height & Width, Obstruction Retraction
Product Dimensions (assembled)	135D x 41.2W x 118H Centimetres (approximate max dimensions)

8. Warranty and Support

For information regarding the product warranty, including terms, conditions, and duration, please refer to the warranty card included with your purchase or visit the official PrimeCables website. Keep your proof of purchase for warranty claims.

If you require technical assistance, have questions about assembly, or need to report a defect, please contact PrimeCables customer support. When contacting support, please have your product model number (Cab-08413-BK-G2) and purchase details ready.

You can often find support contact information on the manufacturer's website or through the retailer where you purchased the product.

