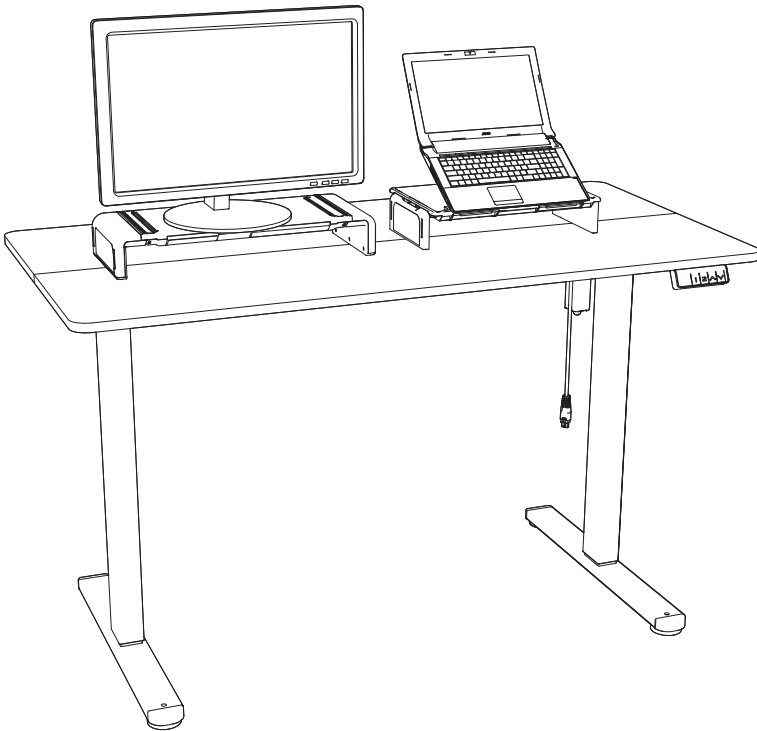


ProtoArc 

# ErgoDesk 100

# User Manual

Electric Standing Desk



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[www.protoarc.com](http://www.protoarc.com)

United States: (+1) 866-287-6188

Monday-Friday: 10am-1pm, 2pm-7pm (Eastern Time)\*Closed during Holidays

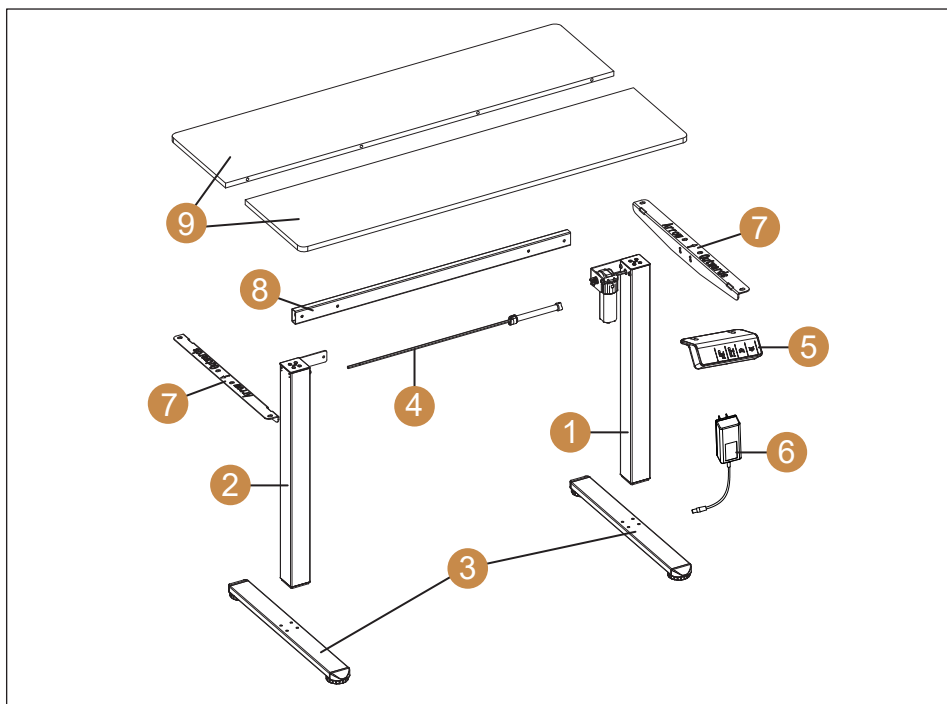
## Specifications

Max Weight Capacity	200 lbs
Max Speed	0.6"/s
Input Voltage	100-240V
Min Height	28.3 inches (72 cm)
Max Height	46.5 inches (118 cm)
Desktop Size	48×24 inches (120×60 cm)
Working Temperature	32°F-104°F

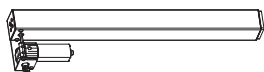
## Installation Precautions

- Carefully review the accessory comparison card and verify if all the accessories are complete. The Arabic numerals and letters marked on the comparison card correspond to the components and accessories respectively.
- If you need an installation video for the product, please contact us via email or phone to obtain it.
- Install the product strictly in accordance with the sequence provided in the installation instructions (**do not skip steps**) to avoid spending more time on the installation process.

# Component List



1



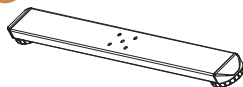
Right Table Leg (x1)

2



Left Table Leg (x1)

3



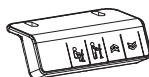
Leg Base (x2)

4



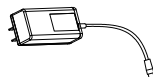
Transmission rod (x1)

5



Control Panel (x1)

6



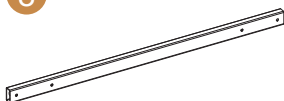
Power (x1)

7



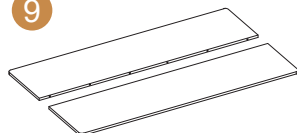
Side Plate (x2)

8



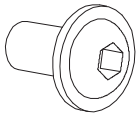
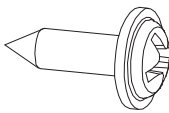
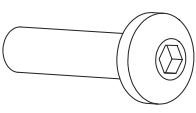
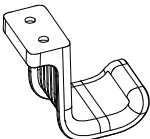


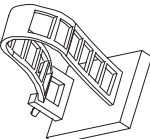


Crossbar (x1)

9

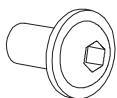


Tabletop (x1)

# Hardware List

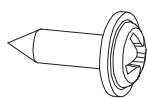
<p><b>A</b></p>  <p>Screws M6×11mm (x8)</p>	<p><b>B</b></p>  <p>Screws M5×15mm (x16)</p>	<p><b>C</b></p>  <p>Screws M6×35mm (x8)</p>
<p><b>D</b></p>  <p>Headphone hanger (x2)</p>	<p><b>E</b></p>  <p>Allen Key S=2mm (x1)</p>	<p><b>F</b></p>  <p>Allen Key S=5mm (x1)</p>
<p><b>G</b></p>  <p>Cable Clip (x2)</p>	<p><b>H</b></p>  <p>Tabletop Connector (x1)</p>	<p><b>I</b></p>  <p>Wood Tip (x4)</p>

## Spare Parts



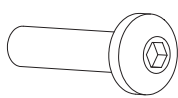
**A**

M6×11mm (x2)



**B**

M5×15mm (x2)



**C**

M6×35mm (x1)

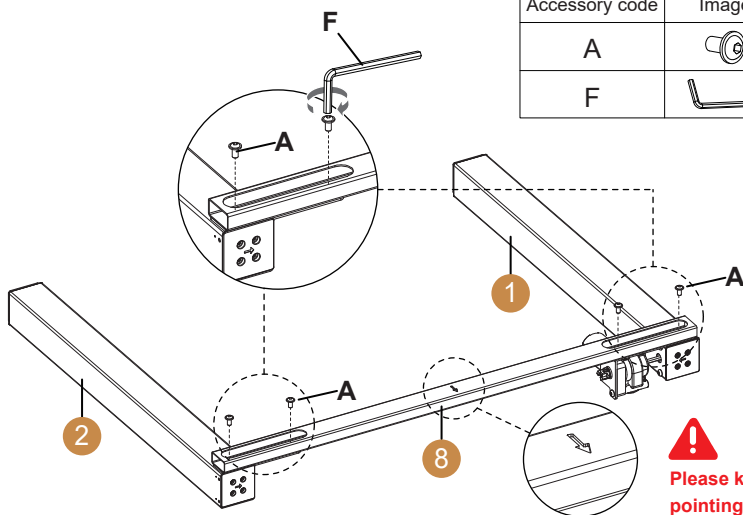




**I**

Wood Tip (x2)

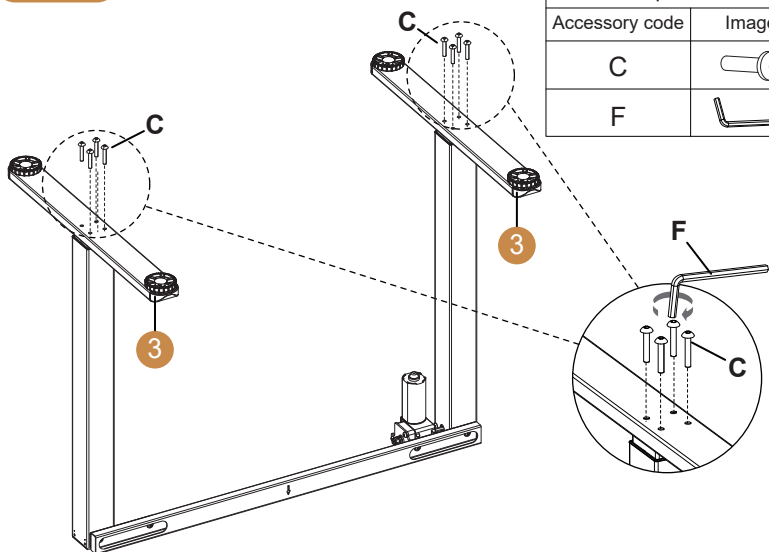
# Installation Steps



## Step 1 Install crossbeam



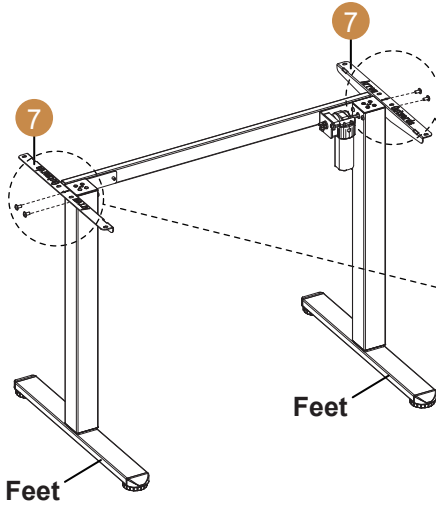
Required Accessories		
Accessory code	Image	Quantity
A		4
F		1

## Step 2 Install table feet



Required Accessories		
Accessory code	Image	Quantity
C		8
F		1

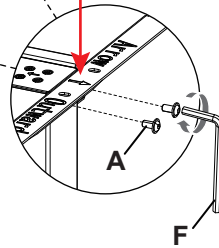
### Step 3 Install supporting plate



Required Accessories		
Accessory code	Image	Quantity
A		4
F		1

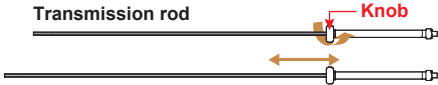


Please keep the arrow pointing outward.

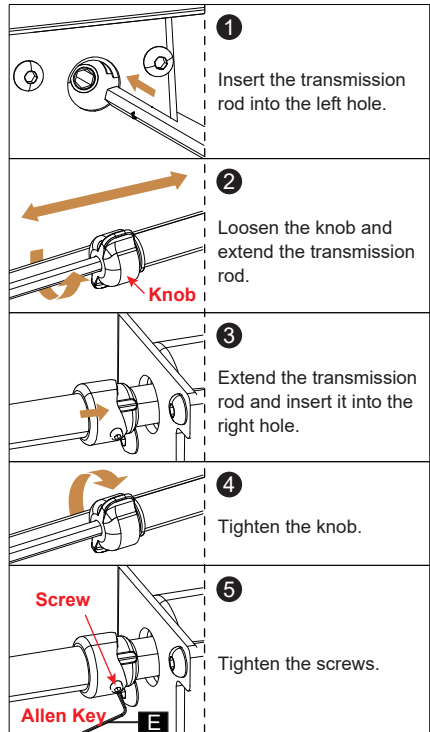
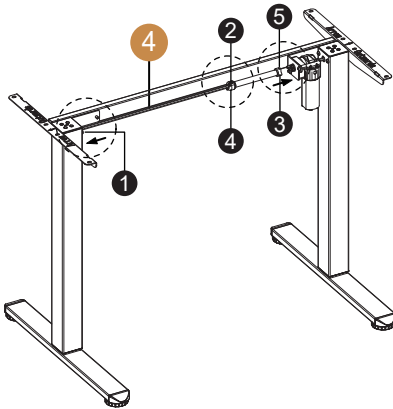


### Step 4 Install transmission rod

Transmission rod



Loosen the knob, and this transmission rod can be extended.




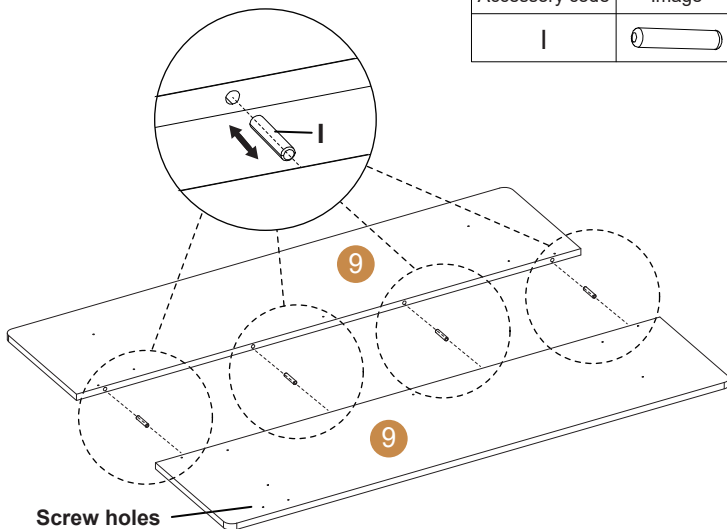
Required Accessories

Accessory code	Image	Quantity
E		1


**Step 5****Install the desktop**

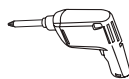
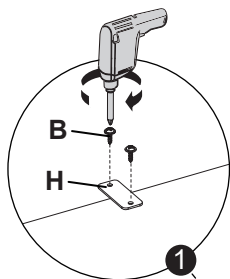
## Required Accessories

Accessory code	Image	Quantity
I		4





Screw holes

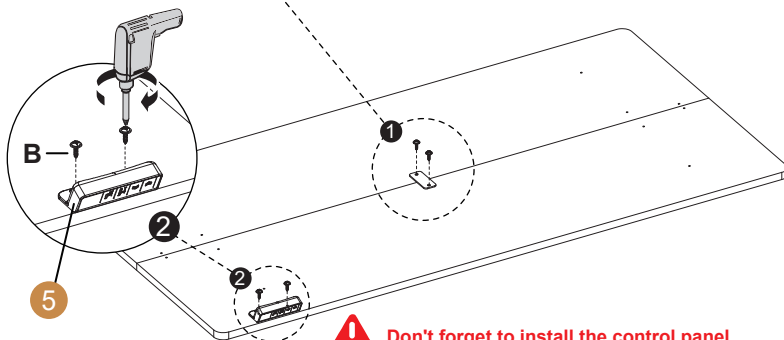
 **The side is facing upward.**



Pistol Drill  
(not included)

## Required Accessories

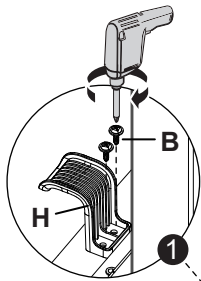
Accessory code	Image	Quantity
B		4
H		1





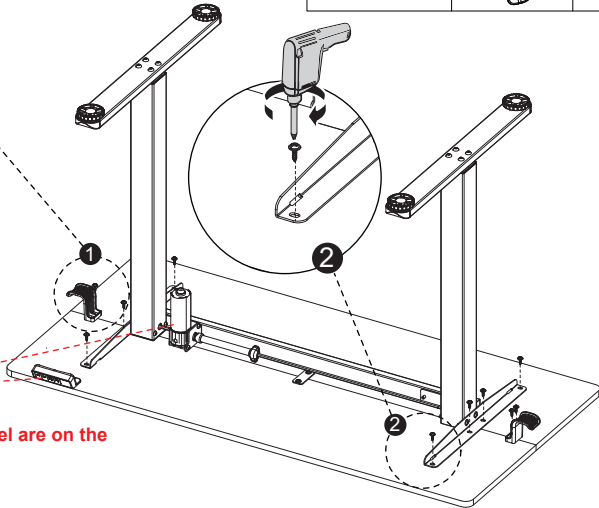
 **Don't forget to install the control panel.**

## Step 6

## Connect the tabletop and the table frame



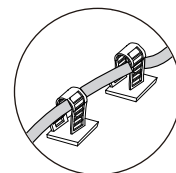
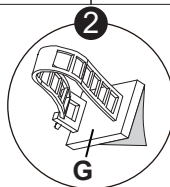
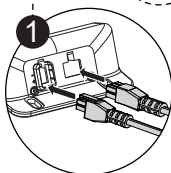
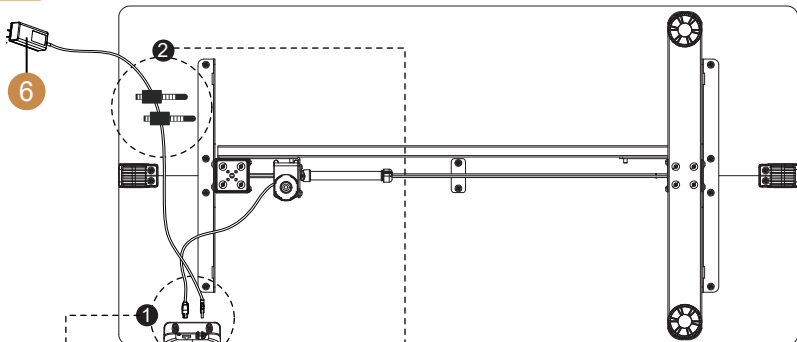
Required Accessories		
Accessory code	Image	Quantity
B		12
D		2




The motor and the panel are on the same side of the table.

## Step 7

## Install additional accessories

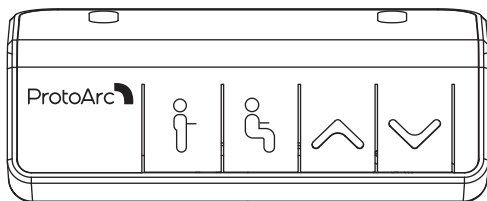






Cable Management










Accessory code	Image	Quantity
G		2



# Operating Instruction



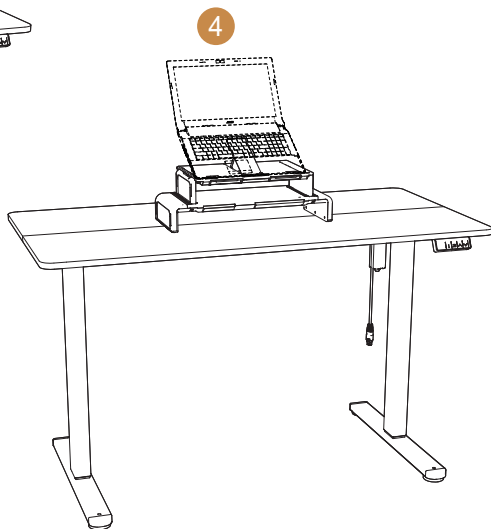
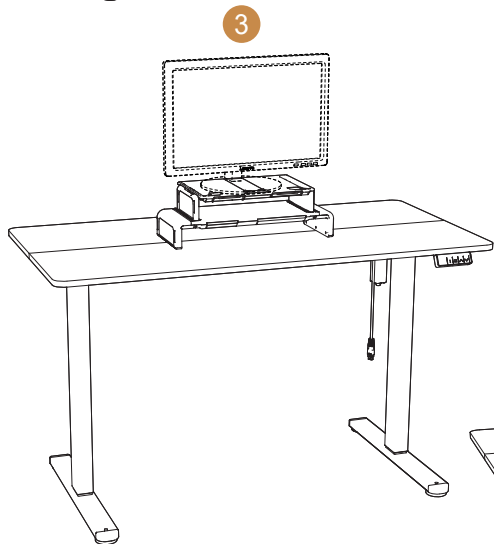
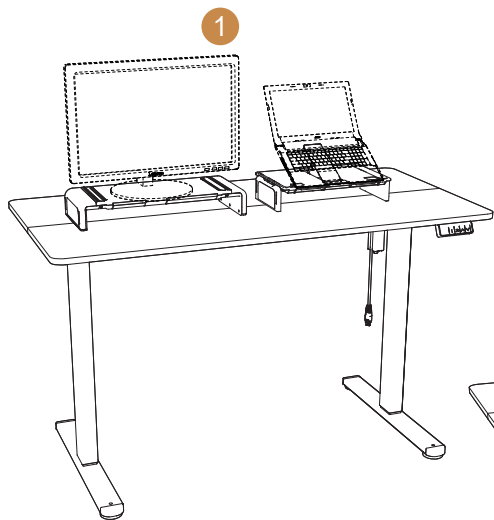
-  Long press the  button to raise the desk continually, and desk will stop when the button was released or at the max height (46.5" / 118cm)
-  Long press the  button to lower the desk continually, and desk will stop when the button was released or at the lowest height (28.3" / 72cm)

Reset	<p>Press and hold the  button for 5 seconds, and the screen will show 'RES'.</p> <p>Continue holding until the desk goes down to its lowest level and comes back up slightly.</p>
Memory Position Operation	<p>When the desk is still, long press " " or " " for 3 seconds, then the current height position will be saved to the corresponding key. After the memory is set, press " " or " " directly, and the desk will automatically go to the recorded position of the corresponding key.</p>
Children's Lock	<p>Press and hold  and  keys together for 5 seconds, and the controller will display LOC. It indicates that the system is locked and cannot lift or lower the system. In the locking state, press and hold  and  keys together for 5 seconds and the controller display will change from LOC to normal numeric display. It indicates that the system is unlocked.</p>
Energy Saving Mode	<p>After one minute, if no operation is performed, the controller enters the energy saving mode.</p> <p>In this case, the controller display will be off and enter low power consumption state.</p> <p>You can press any key to exit the energy saving mode.</p>

## Protection Mode Error Codes

<b>Hot</b>	Overheating Protection: When the motor has been working continuously for 5 minutes, it will stop operating to prevent damage from overheating. Wait for at least 15 minutes before making any further height adjustment.
<b>E10</b>	Sensor malfunction warning: Motor safety sensor cannot be detected. Please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.
<b>E20</b>	Overloading Warning: Over the max of loading weight. Power off, take the things off the desk, power back on, and try again.
<b>E02</b>	Operation Status Warning: The desk stops moving if vibration, impact, or incline is detected. If this detection is incorrect, follow the reset instructions before continuing use.
<b>E32</b>	Overvoltage Protection: Input voltage too high. If the correct AC adapter is being used, please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.
<b>E31</b>	Undervoltage Protection: Input voltage too low. If the correct AC adapter is being used, please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.
-	Cable Disconnection Warning: Please power off, unplug the cables of the controller, wait for 5 minutes, then plug in the cables and connect the power again, and perform RES settings again.

# Desktop Monitor Solution



# Warranty

## ● Warranty Coverage

The electric standing desk features a 3-year warranty for the frame and a 2-year warranty for the controller, electronics, and other mechanisms.

## ● Warranty does not cover the following situations:

1. Conditions, malfunctions, or damage not resulting from defects in material or workmanship.
2. Conditions, malfunctions, or damage resulting from normal wear and tear, improper installation, improper maintenance, misuse, abuse, negligence, accident, or alteration.
3. Accessories, connected materials and products, or related products not manufactured by us.
4. Conditions, malfunctions, or damage resulting from failure to follow the instructions and guidelines relating to the product's intended use.

## ● Customer Support

✉ [support@protoarc.com](mailto:support@protoarc.com)

☎ +1 866-287-6188 (United States)

Monday-Friday: 10am-1pm, 2pm-7pm (Eastern Time)\*Closed during Holidays