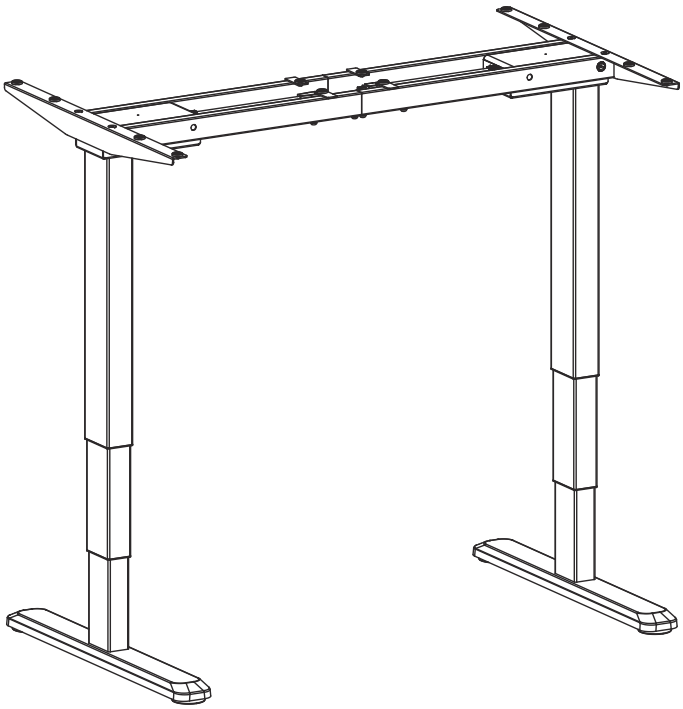
ERGO Electric Sit-Stand Desk Frame Dual Motor



Digital Data Communications GmbH
Im Defdahl 10F
44141 Dortmund, Germany
Tel: +49 231 9075 222

22
PAP

650813(Grey)
650814(White)
650815(Black)

INSTALLATION MANUAL

V1

EN Read the entire instruction manual before you start installation and assembly. If you have any questions regarding any of the instructions or warnings, please contact your local distributor for assistance.

CAUTION: Use with products heavier than the rated weights indicated may result in instability causing possible injury.
- Mounts must be attached as specified in assembly instructions. Improper installation may result in damage or serious personal injury.
- Safety gear and proper tools must be used. This product should only be installed by professionals.
- This product is designed to be installed on wood stud walls, solid concrete walls or brick walls.
- Make sure that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.
- Use the mounting screws provided and DO NOT OVER TIGHTEN mounting screws.
- This product contains small items that could be a choking hazard if swallowed. Keep these items away from children.
- This product is intended for indoor use only. Using this product outdoors could lead to product failure and personal injury.

IMPORTANT: Ensure that you have received all parts according to the component checklist prior to installation. If any parts are missing or faulty, telephone your local distributor for a replacement.

MAINTENANCE: Check that the bracket is secure and safe to use at regular intervals (at least every three months).

DE Bitte vor Beginn der Montage und Zusammenbau das ganze Handbuch durchlesen. Bitte sich mit dem Händler vor Ort bei Fragen zur Anleitung oder Warnungen in Verbindung setzen.

VORSICHT: Bei Verwendung mit Produkten, die das zulässige Gewicht überschreiten, können Schäden oder möglicherweise Verletzungen die Folge sein.
- Halterungen sollen entsprechend den Montageanweisungen angebracht werden. Eine unsachgemäße Montage kann Schäden oder Verletzungen zur Folge haben.
- Sicherheitsausrüstung und geeignete Werkzeuge verwenden. Die Montage des Produktes sollte nur von Fachleuten durchgeführt werden.
- Dieses Produkt kann auf Wänden mit Fachwerk, massiven Beton- oder Steinwänden montiert werden.
- Die tragenden Oberflächen sollten das gesamte Gewicht von Geräten und allen zusätzlichen Bauteilen sicher aushalten können.
- Nur die mitgelieferten Einbauschrauben verwenden und die Schrauben NICHT ZU FEST ANZIEHEN.
- Dieses Produkt enthält Kleinteile, die Erstickungsgefahr beim Verschlucken hervorrufen können. Diese Teile von Kindern fernhalten.
- Dieses Produkt nur in Innenräumen verwenden. Verwendung des Produktes im Außenbereich kann zu Verletzungen und Schäden führen.

WICHTIG: Vor der Montage bitte alle erhaltenen Bauteile mit der Bauteileliste abgleichen. Bei beschädigten oder fehlenden Teilen den Händler vor Ort nach Ersatzteilen fragen.

WARTUNG: Die Halterungsklammer regelmäßig auf Sicherheit und Stabilität prüfen (am besten alle drei Monate).

FR Lisez entièrement le guide d'utilisateur avant de commencer l'installation et le montage. Si vous avez des questions concernant les instructions ou les avertissements, veuillez contacter votre distributeur local pour une assistance.

ATTENTION: L'utilisation de produits plus lourds que les poids nominaux indiqués peut entraîner une instabilité causant des blessures potentielles.
- Les supports doivent être joints comme spécifié dans les instructions de montage. Une mauvaise installation peut entraîner des dommages ou de graves blessures aux personnes.
- Un équipement de sécurité et les outils appropriés doivent être utilisés. Ce produit devrait être installé uniquement par des professionnels.
- Ce produit est conçu pour être installé sur des murs avec poteaux en bois, des murs en béton massif ou murs en brique.
- Assurez-vous que la surface de soutien supporte en sécurité le poids combiné de l'équipement et de tous les matériaux et composantes associés.
- Utilisez les vis de montage fournies et NE SERREZ PAS TROP les vis de montage.
- Ce produit contient de petites pièces qui peuvent causer un étouffement si elles sont avalées. Eloignez ces pièces des enfants.
- Ce produit est prévu uniquement pour une utilisation à l'intérieur. L'utilisation de ce produit à l'extérieur peut entraîner une défaillance du produit ou des blessures aux personnes.

IMPORTANT: Avant l'installation, assurez-vous que vous avez reçu toutes les pièces selon la liste de vérification des composants. Si une pièce est manquante ou endommagée, téléphonez à votre distributeur local pour qu'il la remplace.

MAINTENANCE: A intervalles réguliers (au moins tous les trois mois) vérifiez que le support est d'utilisation sûre et fiable.

RU Перед началом установки и сборки прочитайте руководство по установке. Если у Вас возникли какие-либо вопросы относительно инструкций или предупреждений, свяжитесь с Вашим локальным распространителем для получения помощи.

Внимание: Использование продуктов, вес которых превышает указанный расчетный вес, может привести к нестабильности и возможным повреждениям.
- Опоры должны быть установлены, как это показано в монтажных инструкциях. Неправильная установка может привести к получению серьезных травм.
- Необходимо использовать предохранительное устройство и специальные инструменты. Продукт должен устанавливаться только профессионалами.
- Продукт предназначен для установки на деревянные каркасные стены, твердые цементные стены или кирпичные стены.
- Убедитесь, что несущая поверхность выдержит вес оборудования и всего установленного оборудования и комплектующих.
- Необходимо использовать идущие в комплекте установочные шурупы и НЕ ПЕРЕТЯГИВАТЬ установочные шурупы.
- Данный продукт содержит маленькие детали, которые представляют опасность удушения при проглатывании. Такие детали необходимо хранить в недоступном для детей месте.
- Данный продукт предназначен только для эксплуатации в помещениях. Использования данного продукта на улице может привести к поломке продукта и получению травм.

ВАЖНО: Перед установкой убедитесь, что Вы получили все детали в соответствии со списком комплектующих. Если не хватает каких-либо деталей или они поломаны, свяжитесь с Вашим местным распространителем по вопросу замены.

ТЕХНИЧЕСКОЕ ОБСЛУЖИВАНИЕ: Необходимо регулярно проверять (как минимум, раз в три месяца), чтобы кронштейн был зафиксирован, и его использование было безопасным.

ES Lea todo el manual de instrucciones antes de comenzar la instalación y ensamble de la unidad. Si tiene alguna inquietud con respecto a las instrucciones o advertencias, comuníquese con su distribuidor local.

PRECAUCIÓN: utilizar con productos de mayor peso al indicado en los límites de peso podría ocasionar inestabilidad y posibles heridas personales.
- Los soportes deben acoplarse tal como se indica en las instrucciones de ensamble. Una incorrecta instalación podría ocasionar daños y serias heridas personales.
- Utilice las herramientas y equipo de seguridad adecuados. Este producto solo debe ser instalado por profesionales.
- Este producto está diseñado para instalaciones en paredes de madera sólida, concreto sólido o bloques.
- Asegúrese de que la superficie de fijación sostenga de manera segura el peso total del equipo y todos sus componentes y hardware.
- Utilice los tornillos de ensamble suministrados y NO aplique demasiada tensión a los tornillos.
- Este producto contiene piezas pequeñas que representan un riesgo de asfixia. Mantenga estas piezas fuera del alcance de los niños.
- Este producto está diseñado para uso en interiores solamente. Utilizar este producto en exteriores podría ocasionar fallas y heridas personales.

IMPORTANTE: Asegúrese de que haya recibido todas las piezas según la lista de verificación de componentes para la instalación. Si falta alguna de las partes, o está dañada, comuníquese con su distribuidor.

MANTENIMIENTO: Compruebe periódicamente que el soporte esté asegurado y listo para usar (al menos cada tres meses).

PT Leia todo o manual de instruções antes de iniciar a instalação e montagem. Se você tiver alguma dúvida sobre quaisquer uma das instruções ou avisos, por favor, entre em contato com o seu distribuidor local para assistência.

ATENÇÃO: O uso com produtos mais pesados do que os pesos indicados pode resultar em instabilidade, causando possíveis danos.
- Os suportes devem ser anexados como especificado nas instruções de montagem. A instalação incorreta pode causar danos ou sérias lesões pessoais.
- Equipamentos de segurança e ferramentas adequadas devem ser utilizadas. Este produto só deve ser instalado por profissionais.
- Este produto é projetado para ser instalado em pilares verticais de paredes de madeira, paredes de concreto sólido ou de tijolos.
- Certifique-se que a superfície de suporte suportará com segurança o peso combinado do equipamento e todas as ferragens e componentes anexados.
- Use os parafusos de montagem fornecidos e NÃO APERTE EXCESSIVAMENTE os mesmos.
- Este produto contém pequenas peças que podem causar asfixia se ingeridas. Mantenha esses itens longe do alcance de crianças.
- Este produto destina-se somente para uso interno. Usá-lo em ambiente externo pode causar falhas no produto e lesões pessoais.

IMPORTANTE: Assegure-se que você recebeu todas as peças, de acordo com a lista de componentes, antes da instalação. Se alguma peça estiver faltando ou é defeituosa, contate o seu distribuidor local para substituição.

MANUTENÇÃO: Certifique-se que o suporte seja seguro e protegido para o uso em intervalos regulares (pelo menos a cada três meses).

IMPORTANT:

The product is powered by electricity. In order to avoid burns, fire and electric shock, please read the instructions carefully. Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty. Should you ever have any questions or feel you require help please contact your place of purchase for assistance.

Instructions of Safety and Warnings

- Make sure that the mounting surface is strong enough to handle mounted product and equipment.
- **DO NOT EXCEED MAXIMUM LISTED WEIGHT CAPACITY.**
- Always be sure to have someone assist you or a mechanical device to lift and position heavy products safely.
- Tighten screws firmly, but do not over tighten. Over tightening can cause product damage that greatly reduces the holding power.
- Keep a clear area and distance from moving parts when using the product.
- Use only as intended. Never stand, hang or climb on the product.
- This product is intended for indoor use only.
- Any attempts to reconstruct the construction or alterations of the given power unit and control box aren't allowed.
- This product may contain small items that could be a choking hazard if swallowed. Keep children away unless the product is intended for their use and all instructions and manuals are fully reviewed and understood by them.
- Check that the product is secure and safe to use at regular intervals (at least every three months).

Other Cautions



Don't clean the product with water while the power is still connected.



Don't disassemble or replace components while the power is still connected.



Never operate the system with a damaged cord or plug.



Never operate the system if it's in moist environment or its electrical components have contact with liquids.



If the control box makes unusual noise or smells, switch off the mains voltage immediately.



Disposal: The product with this mark indicates that this product shouldn't be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the local recycle service or contact your point of purchase to withdraw the product.

The product has been designed to meet Commission Regulation with regard to ecodesign requirements for electric power consumption of Standby mode condition of electrical and electronic household equipment.
Mode: Standby mode **Power consumption (Watts): ≤0.5W**
The period after which the equipment automatically enters standby mode is 18 minutes.

Preparation

1 **What important specifications should know before installation?**



Power Input
(100~240V)



Operation Temperature
(-5°C~+40°C)



Weight Capacity
125kg (275lbs)

2 **What tools are needed to assemble the desk frame?**



Bubble Level



Allen Wrench
(Included)

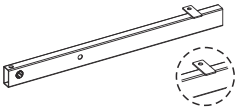


Drill

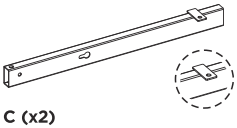
Component Checklist



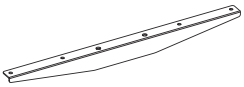
A (x2)
Crossbar Rail



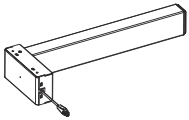
B (x2)
Left Crossbar



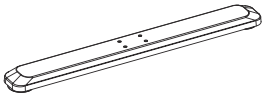
C (x2)
Right Crossbar



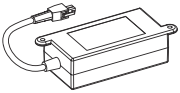
D (x2)
Side Bracket



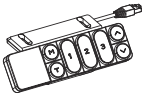
E (x2)
Lifting Column



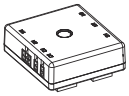
F (x2)
Foot



G (x1)
AC Adapter



H (x1)
Controller



I (x1)
Control Box



J (x1)
Power Plug



K (x3)
Cable Clip



L (x12)
Anti-Vibration
Pad



M (x1)
4mm Allen
Wrench



S-A (x4)
M6x10
Socket Head
Screw



S-B (x16)
M6x12
Hex Head
Screw



S-C (x8)
M6x16
Hex Head
Screw



S-D (x7)
ST4.2x16
Phillips Head
Screw



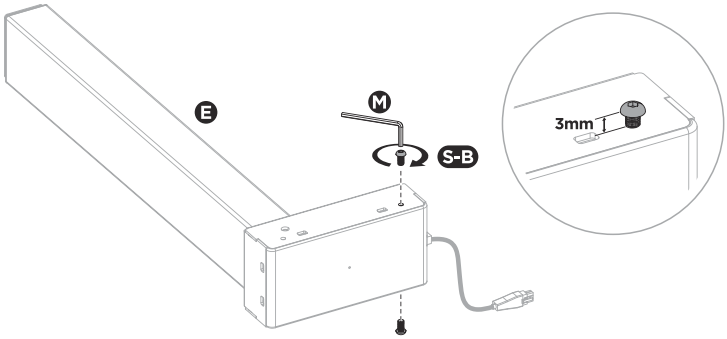
S-E (x12)
ST4.2x16
Phillips Head
Screw



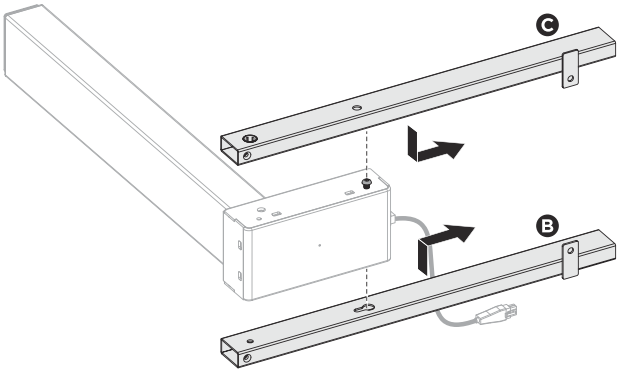
S-F (x1)
ST4.2x25
Phillips Head
Screw

1. Attaching the Crossbars

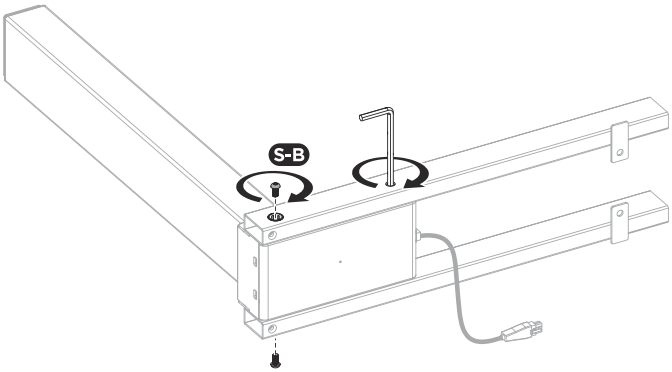
• Use Allen Wrench (M) to tighten Screws (S-B).



• Attach the Left Crossbar (B) and the Right Crossbar (C) to the lifting column as shown below,

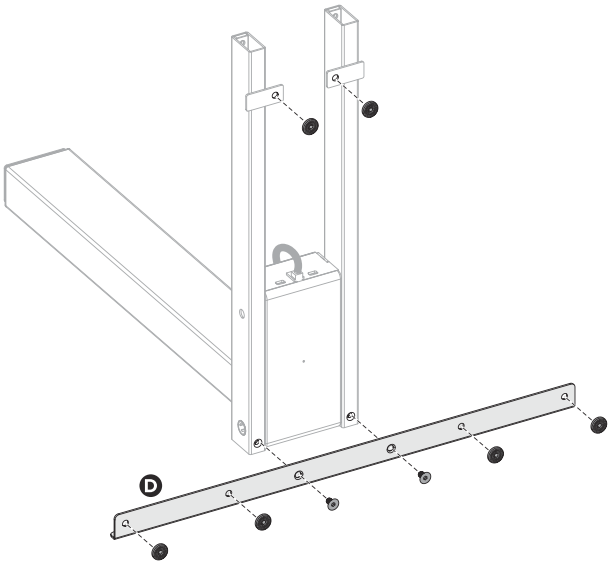


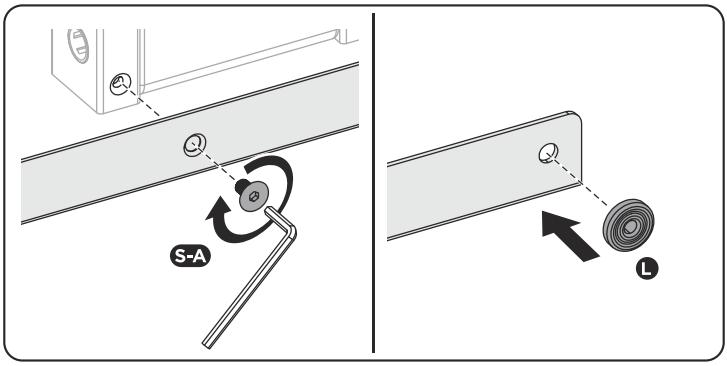
• Secure the crossbars using Screws (S-B) and tighten all the screws on the crossbar using the Allen Wrench (M).
• Repeat the same process to attach and secure the other 2 crossbars.



2. Attaching the Side Brackets

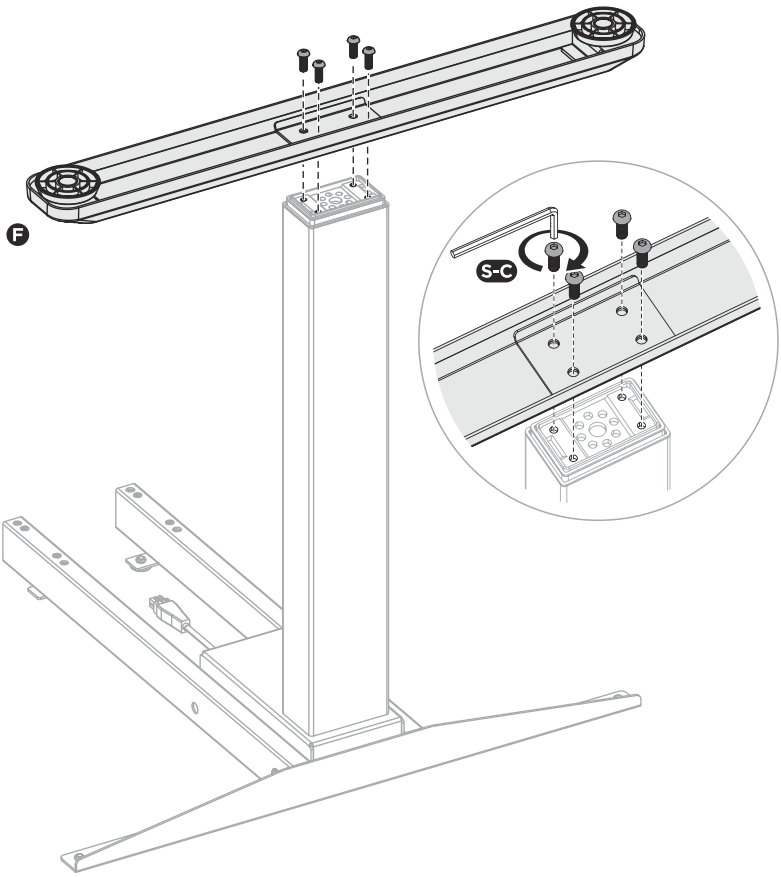
- Attach Side Bracket (D) to the lifting column using Screws (S-A).
- Attach 6 Anti-Vibration Pads (L) to the crossbars and Side Bracket (D) as shown below.
- Repeat the same process to attach the other side bracket.





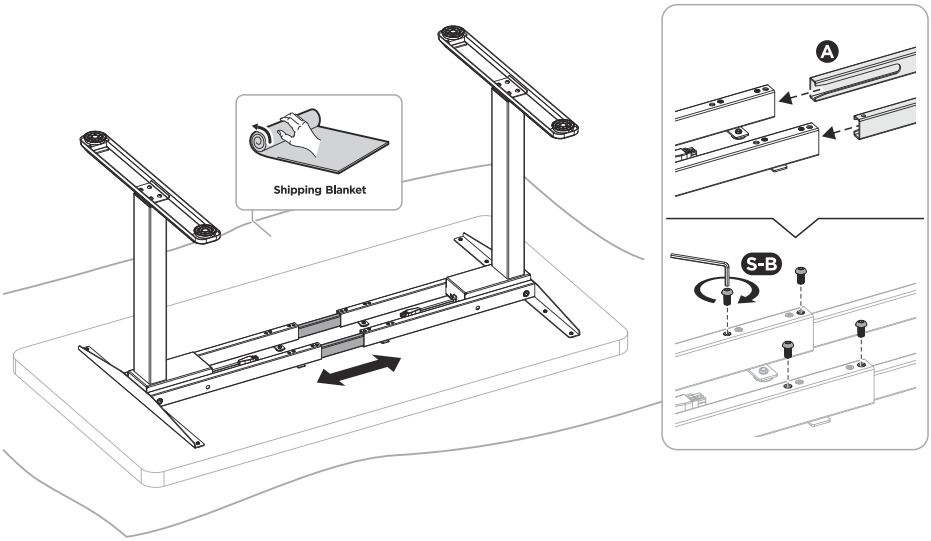
3. Attaching the Feet

- Attaching the Foot (F) to the lifting column using Screws (S-C).
- Repeat the same process to attach the other foot.



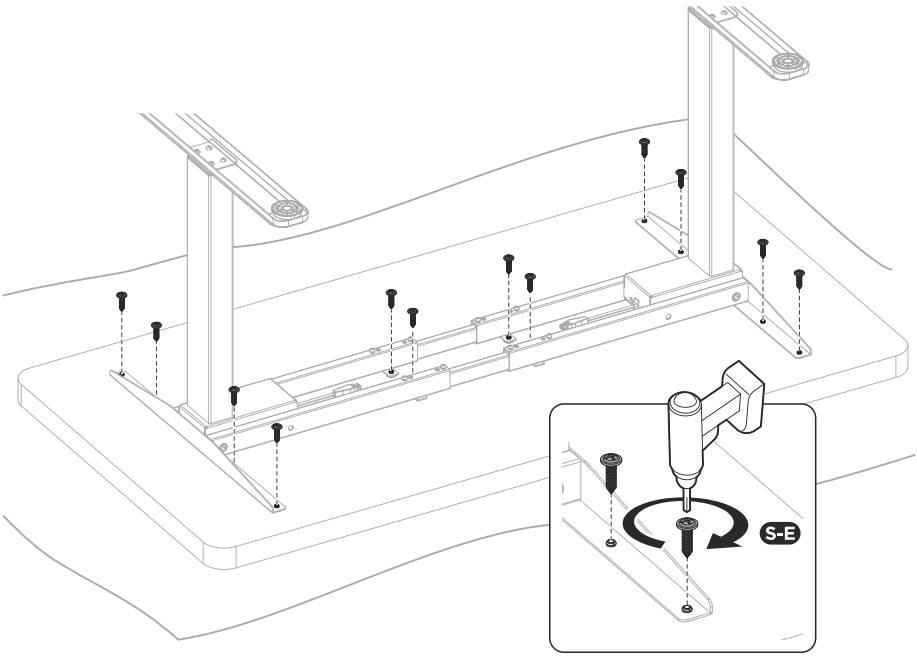
4. Adjusting the Frame and Attaching the Crossbar Rails

- Carefully place the desktop (not included) upside down on the blanket/floor.
- Place the legs one on each side of the top as shown below.
- Adjust the crossbars to the size of the desktop. Ensure that the frame is placed in the center of the desktop.
- Attach the Crossbar Rails **A** as shown below.
- Secure the frame using Screws **S-B**.



5. Drilling to the Desktop

- Attach the assembled desk frame to the desktop by drilling through the mounting holes found on the side brackets and crossbars with Screws **S-E** as shown.

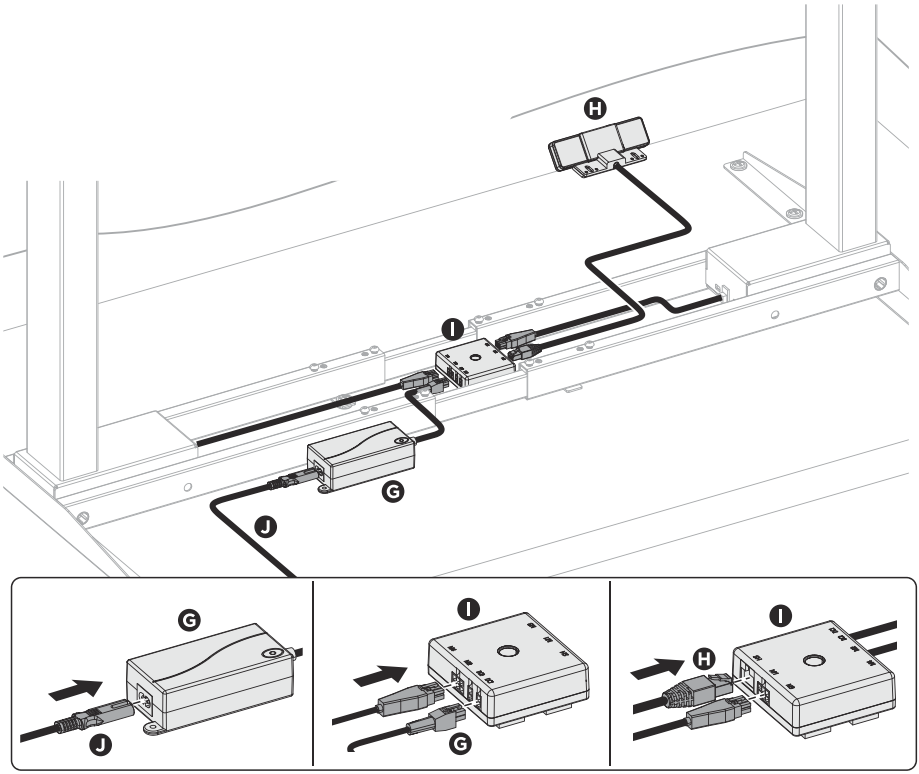


6. Connecting Cords

- Connect the Controller (H) to the Control Box (I) as shown.
- Connect the Lifting Columns (E) to the Control Box (I) as shown.
- Connect the AC Adapter (G) to the Control Box (I) as shown.
- Connect the Power Plug (J) to the AC Adapter (G) as shown.

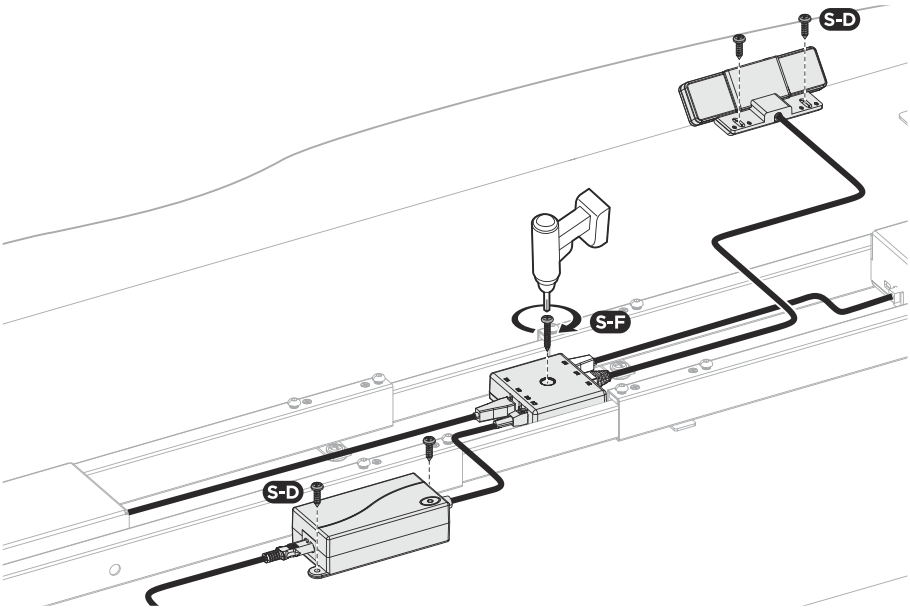
Note:

• Do not plug into the power before the desk is fully assembled.



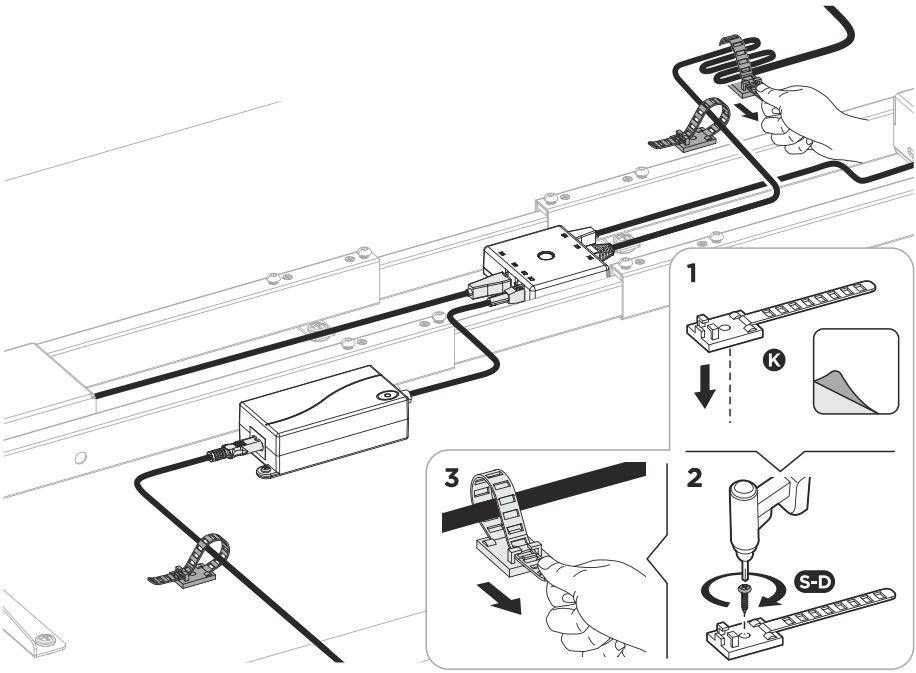
7. Attaching the AC Adapter, Controller & Control Box

- Attach the Control Box (I) to the desktop using the Screw (S-F).
- Attach the AC Adapter (G) and the Controller (H) to the desktop using the Screws (S-D).



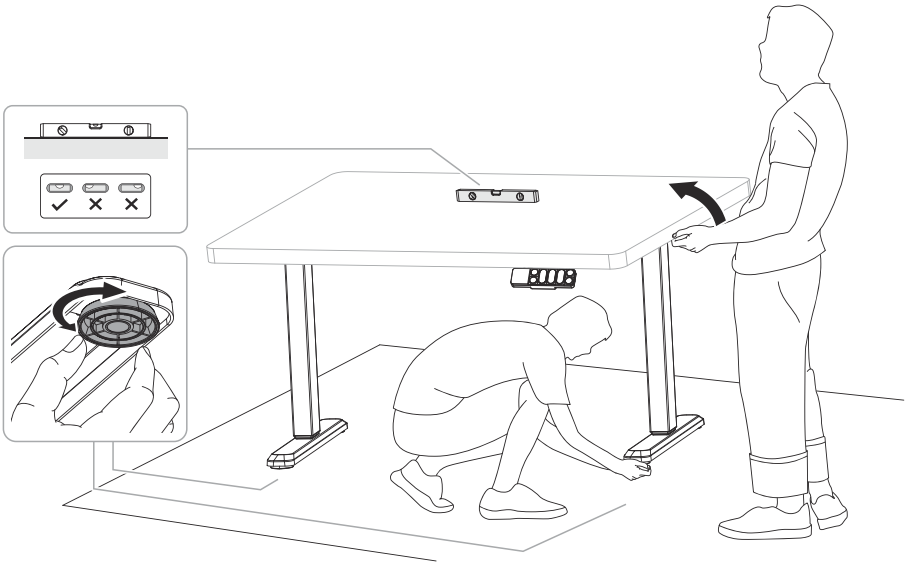
8. Cable Management

• Run the cables through the Cable Clips (K) and attach the cable clips to the desktop using Screws (S-D) to ensure clean and neat surface.



9. Adjusting the Desk

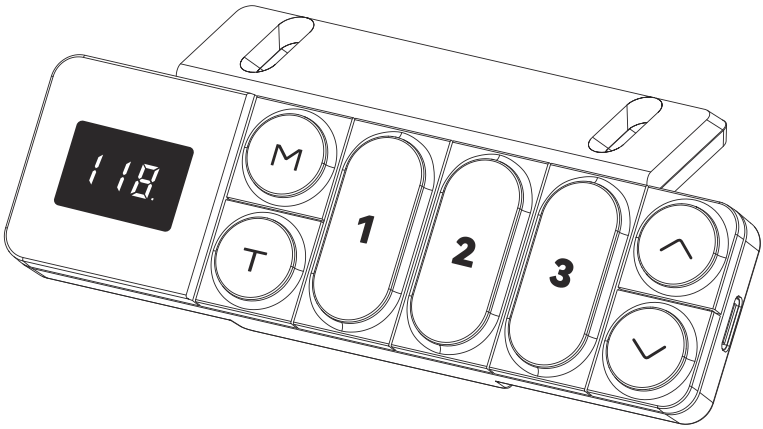
- Turn over the desk with the help of another person.
- If the floor isn't even, simply rotate the pad to adjust the level to make the desk stable.
  Tip: *Use a bubble level (not included) to check if the desktop is even.*



CAUTION: *At least two people are required when turning over the desk, or serious bodily injuries might occur.*

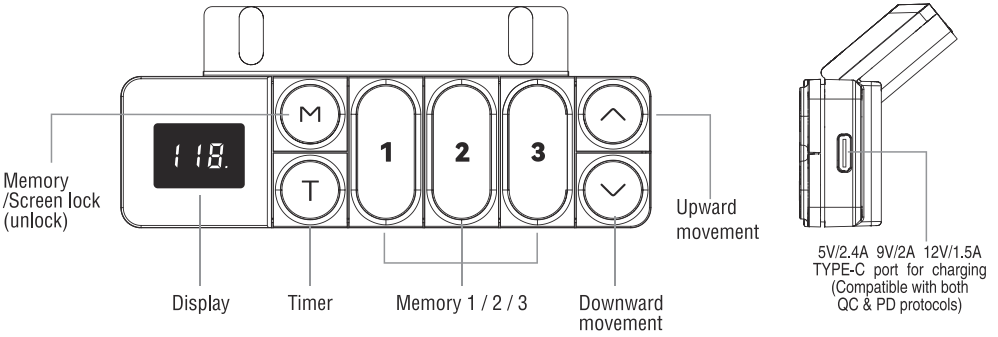
Digital Control Panel For Electric Height Adjustable Desk

Installation Instruction & User Guide



Model: CT37-01U

1 Operating Control Panel



Note: *If the control panel is used for the first time, please reset the system before any normal operation.*

Reset the System:

- To reset the system, press and hold the "∧" and "∨" buttons simultaneously. The unit emits one beep and the display shows "rSt" and the desk start moving downward and to the lowest position. Never release the buttons until the unit emits one beep again. The desk will move upward a little and the display shows the current desk height. The reset process is finished.

Height Adjustment: Press and hold the "∧"/"∨" button to lift/lower the desk to your desired height. Press and release the button to lift/lower the desk precisely.

Timer:

- Press the "T" button to set the period of time to inform users to stand up. Each press of the "T" button leads to an 0.5 hour increment. The maximal setting of time is 2 hours. After setting a period of time, the display will flash for seconds and it will automatically return to show the height of the desk. The decimal point at the end indicates the timer is on.
- The unit emits 5 beeps to remind the users when the set time is up.
- To cancel the timer, repeatedly press the "T" button until the decimal point at the end lights off.

Memory Setting:

- To store a memory position, press "M" button and the display will flash "S-". While the "S-" is displayed, press the button **1**, **2** or **3**.
- To call a stored position, press memory button **1**, **2** or **3** and the system will start moving to the desired memory position. The display will count the height as it is driving to the memory position. Press any button to stop the motion.

Screen Locking Function:

- For safety reasons this control panel has a locking function. To activate / cancel the locking function, follow the "PART3-Custom Programming Guide: To Change the Screen Lock Function".
- To lock the control, press "M" for 3 seconds. If the control is locked, only a bar "---" is lighting in the display and any operation is invalid.
- To unlock the control, press "M" for 3 seconds. The height will be shown in the display. The control will be active for 1 minute but when there are no activations made within 1 minute, the control will go in to locking mode again with the locking function is on.

Switch between CM and INCH: Keep the "T" button pressed for approximately 8 seconds and the reading will change from the current setting.

Power-saving Mode: The system will enter into power-saving mode with display becomes dark when no actions for over 10 minutes. Touch any button to activate the control panel.

2 Troubleshooting Guide

In Front 

This repair guide intends to help you identify and solve the minor problems caused by unusual operation of the electric system of our sit-stand desk.

If the following guides can't help solve the problems, please contact your point of purchase for service and replace the accessories.

Error No.	Description
E01/E07	Electrical problem has occurred. Plug out the power and re-plug.
HOT	System overheating. Stop operating and allow your desk to remain idle for approximately 18 minutes.
E02	The columns don't go together. Reset the system.
E04	The control panel is disconnected. Check the connection. Plug out the power and re-plug.
E05	Collision avoidance system has activated. Remove all the objects within the range of motion.
E06	Electrical problem has occurred. Plug out the power and re-plug. If it doesn't work, replace the control box.
E08	Collision avoidance system has activated. Remove all the objects within the range of motion. The control box isn't placed well. Please make sure the control box is properly attached to the desk frame as the instruction manual or placed well on the even surface. The power cords have pulled the control box. Manage the cables and keep them from pulling the control box.
E11/E21	The motor cords were disconnected, Check the connection or replace the motor cords. E11 corresponds to M1 connector while E21 corresponds to M2 connector.
E12/E22	Electrical problem has occurred. Plug out the power and re-plug. If it doesn't work, replace the control box.
E13/E23	Motor wires may be broken. Check the connection or replace the motor cords. E13 corresponds to M1 connector while E23 corresponds to M2 connector.
E14/E24	Hall wires may be broken. Check the connection or replace the motor cords. E14 corresponds to M1 connector while E24 corresponds to M2 connector.
E15/E25	Short circuit. Replace the motors or columns. E15 corresponds to M1 connector while E25 corresponds to M2 connector.
E16/E26	Overload leads to the motor to fail to drive. Remove the items from the desktop then reset the system.
E17/E27	Desk move in wrong direction. Check the connection or replace the motor cords. E17 corresponds to M1 connector while E27 corresponds to M2 connector.
E18/E28	Overload has occurred. Remove the items from the desktop.
E42	Memory can not be read. Plug out the power and re-plug. If it doesn't work, replace the control box.
E43	Collision avoidance system failure. Replace the control box.

3 Custom Programming Guide

Note:

- *To abort a custom process, press the"T" button or wait approximately 8 seconds until the display automatically returns to show the height of the desk.*
- *The max./min. height limit displayed in the custom mode doesn't include the thickness of desktop.*

Button Function:



	S-1 **To Adjust Minimal Height Limit** Min~(Max-10) cm *(Note: 1 inch equals to 2.54 cm.)*	S-2 **To Adjust Maximum Height Limit** (Min+10)~Max cm *(Note: 1 inch equals to 2.54 cm.)*	S-3 **To Adjust Anti-Collision Sensitivity (Current Sensor Upward Movement)** (Level 0~Level 8)
Step 1:Preparing	Press "M" and "T" buttons simultaneously for about 5 seconds until the unit emits one beep and the display flashes "S-1". Press "UP"/"Down" button to switch from "S-1"to "S-7". The custom mode will be active while flashing for approximately 10 seconds but when there are no activations made within the mentioned time, the custom mode will go exit.		
Step 2:Programming	When the display is flashing "S-1", press "M" button once and the Current Minimal Height Limit is displayed (Minimal Height by default). Then press "∧" /"∨" to set your desired height.	When the display is flashing "S-2", press "M" button once and the Current Maximum Height Limit is displayed (Maximum Height by default). Then press "∧"/"∨" to set your desired height. *(Note: For display range reason, the display will not count the number immediately as you press the up and down buttons under the setting of the metric system.)*	When the display is flashing "S-3", press "M" button once and the Current Anti-Collision Sensitivity is displayed (4 by default). Then press "∧"/ "∨" to set your desired level.
Step 3:Saving	Press "M" to save. "L-S"- successful "L-F"- failing	Press "M" to save. "H-S"- successful "H-F"- failing	Press "M" to save. "S-S"- successful "S-F"- failing

	S-4 **To Adjust Anti-Collision Sensitivity (Current Sensor Downward Movement)**(Level 0~Level 8)	S-5 **To Adjust Anti-Collision Sensitivity (Gyro Sensor)** (Level 0~Level 8)	S-6 **To Change the Current Height and Desktop Thickness** (0~5cm/0~1.9")	S-7 **To Change the Screen Lock Function** (0:OFF/1:ON)
Step 1:Preparing	Press "M" and "T" buttons simultaneously for about 5 seconds until the unit emits one beep and the display flashes "S-1". Press "UP"/"Down" button to switch from "S-1"to "S-7". The custom mode will be active while flashing for approximately 10 seconds but when there are no activations made within the mentioned time, the custom mode will go exit.			
Step 2:Programming	When the display is flashing "S-4" , press "M" button once and the Current Anti-Collision Sensitivity is displayed (4 by default). Then press "∧"/ "∨" to set your desired level.	When the display is flashing "S-5" , press "M" button once and the Current Anti-Collision Sensitivity is displayed (4 by default). Then press "∧"/"∨" to set your desired level.	When the display is flashing "S-6" , press "M" button once and the Current Desktop Thickness is displayed.(0.0 by default). Press "∧"/"∨" to set your desired height.	When the display is flashing "S-7" ,press "M" button once and the Current Screen Lock Setting is displayed. (0 by default). Press "∧"/"∨" to set your desired locking function.
Step 3:Saving	Press "M" to save. "S-S"- successful "S-F"- failing	Press "M" to save. "S-S"- successful "S-F"- failing	Press "M" to save. "T-S"- successful "T-F"- failing	Press "M" to save. "A-S"- successful "A-F"- failing