

## Human Active Technology

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## IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS

When using an electrical furnishing, basic precautions should always be followed, including the following:

Read all instructions before installing or using the furnishing.

## A WARNING

Review the assembly instructions to confirm that the appropriate critical components and accessories are being used with the furnishing.

- Failure to follow instructions can result in product damage, personal injury or both.

All electrical connections must be fully engaged and locked. Loose connections can cause fire and/or electrical shock
. If there is visible damage on the product it must not be installed.

- Do not overload the product as this can result in product damage, personal injury or both.

Electric height adjustable tables are not designed for continuous operation. Do not exceed the maximum duty cycle ( $10 \%-2 \mathrm{~min}$. on, 18 min . off) or product damage could occur.

Risk of electric shock and product damage. Do not open the control box, power supply or columns on electric height adjustable tables.

Risk of electrical shock. Always unplug this furnishing from the electrical outlet before cleaning or servicing

- Risk of electrical shock, personal injury and product damage. Close supervision is necessary when this furnishing is used by, or near children, invalids, or disabled persons.
Sitting or standing on this furniture may cause personal injury and product damage.
- Risk of personal injury and product damage, use this furnishing only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

Risk of personal injury and product damage. Height adjustable tables require a minimum of 1" clearance between the worksurface and adjacent objects on all sides.

To reduce the risk of electric shock, this furnishing has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way

ELECTRICAL RATING: 120V, 5A, 50/60 HZ
WORKSURFACE LOADING (MAXIMUM USER LOAD): 280 LBS

## CONSIGNES DE SECURITE IMPORTANTES VEUILLEZ GARDER CES CONSIGNES

Lorsque vous utilisez des meubles electriques, des precautions de base doivent toujours etre respectees, y compris les suivantes.
Veuillez lire attentivement ces consignes avant d'installer ou d'utiliser le meuble.

## A AVERTISSEMENT

Veuillez lire les instructions de montage afin de vous assurer que les composants critiques et accessoires appropriés sont utilisés avec le mobilier.

Ne pas suivre ces instructions peut entrainer des dommages sur le produit, des blessures, or les deux.

Toutes les connexions électriques doivent etre completement enfoncées et verrouillées. Des connexions desserrées peuvent provoquer un incendie et/ou des chocs électriques.

S'il ya des dommages visibles sur le produit, ii ne doit pas être installé.
Ne surchargez pas le produit car cela peut entrainer des dommages sur le produit, des blessures, ou les deux.

- Les bureaux électriques réglables en hauteur ne sont pas conçus pour un
fonctionnement continu. Ne pas dépasser le cycle de service maximal ( $10 \%-2$ minutes allumes, 18 minutes éteints) ou des dommages au produit pourraient se produire.

Risque de décharge électrique, et d'endommagement du produit. Ne pas ouvrir le boîtier de contrôle, le boîtier d'alimentation, ou les colonnes sur les bureaux réglables en hauteur.

Risque d'électrocution. Veuillez toujours débrancher le mobilier de la prise électrique avant le nettoyage ou l'entretien.

Risque de décharge électrique, de blessures, et d'endommagement du produit. Une surveillance étroite doit être exercée lorsque le systeme d'ameublement est utilisé par, ou pres d'enfants, des personnes invalides ou des personnes handicapées.

Se tenir debout ou assis sur le meuble peut entrainer des dommages sur le produit et des blessures.

Risque de blessures et d'endommagement du produit; veuillez utiliser cet systeme d'ameublement uniquement aux fins décrites dans ces instructions. N'utilisez pas des accessoires qui ne sont pas recommandés par le fabricant.

Risque de blessures et d'endommagement du produit. Les bureaux électriques réglables en hauteur nécessitent un dégagement minimum de 1 pouce entre la surface du travail et des objets adjacents sur tous les côtés.

Pour réduire le risque de choc électrique, ce mobilier est équipé d'une prise polarisée (dont une broche est plus large que l'autre). La fiche ne rentre dans la prise que d'une seule façon. Si la fiche ne rentre pas complètement dans la prise, veuillez inverser la fiche. Si elle ne rentre toujours pas, veuillez contacter un électricien qualifié pour l'installation d'une prise appropriée. Ne modifiez pas la fiche.

SPECIFICATIONS ELECTRIQUE: $120 \mathrm{~V}, 5 \mathrm{~A}, 50 / 60 \mathrm{HZ}$
CHARGEMENT DE SURFACE DE TRAVAIL (CHARGE MAXIMUM DE L'UTILSATEUR): 127 KG



## (1) PLACE \& ALIGN LEGS

Place and align the Legs (Part A) on the bottom of your worksurface.


## (2) PLACE \& ALIGN SIDE BRACKETS

Place and align Side Brackets (Part B) onto the worksurface.


## (3) PLACE \& ALIGN SIDE BARS

Place and align the Side Bars (Part C), onto the Legs using the hinges on Side Brackets (Part B), and slots on the Side Bars (Part C).


## (4) PLACE \& ALIGN CENTER BRACKETS

Place and align Center Brackets (Part D) on top of the Side Brackets (Part B) to connect them.


## (5) WOOD SCREW ATTACHMENT

Install the components placed on the worksurface from the previous steps using 26 wood screws (Part G).


## (6) INSTALL FEET \& GLIDERS

Place Feet (Part F) on top of Legs.
Secure Feet to Legs using 4 bolts (Part I) and supplied Allen wrench (Part S).
Screw in Gliders (Part J) to be hand tight. You can later adjust and level your desk by screwing/unscrewing these pads as needed.


## 72 INSTALL SWITCH MOUNT \& SWITCH

Slide the Switch onto the bracket, firmly press together until you hear a "click" and it is securely mounted.

Aline top edge of Switch with front edge of worksurface.

Install the Switch Bracket using 2 wood screws (Part H) to secure the Switch Bracket to the worksurface.

Note: Digital Switch is mounted with the same mount bracket and installation process.


## 76 INSTALL PERSONAL HEALTH TRACKER SWITCH (SOLD SEPARATELY)

Place the Health Tracker Switch on the underside of the worksurface, and place the Switch Cover onto the Switch so that he two extruded cylinders line up with the mounting points.

Note: The cord should be managed through the slot in the back of the cover to avoid crimping when finalizing attachment.

Attach the Health Tracker Switch and the Switch Cover to the underside of the worksurface using the $4 \times 30 \mathrm{~mm}$ screws (R011504).


## 8 PLUG IN POWER \& SWITCH COMPONENTS

Begin by plugging the Switch (Part O) into the Control Box (Part N).
Plug Motor Cables (Part Q) into the Legs and plug other end into Control Box (Part N).
Plug Gyro Sensor (Part R) into port A1 of the Control Box.
Use the Velcro Strips (Part K) to secure and manage cords neatly if desired
Ensure enough Power Cord (Part P) is available to reach your workspace's plug or outlet.
Note: Only apply power when all connections are done. Use only SJT type 18 AWG power cord. Ensure cables are not wrapping around or rubbing up against Gyro Sensor.


## (9) INSTALL CENTER LID

Rear edge of Center Lid (Part E) hooks and hinges on the rear Center bracket (Part D). Rotate the Center Lid up with tabs on the Center Lid aligned with slots in the front Center bracket. Slide Center Lid sideways to secure

Manage Switch (Part O) and Power Cord (Part P) cables through cutouts at the ends of the Center Lid (Part E).


## (10) INSTALL BAG HOOK* (SOLD SEPARATELY)

If user is not installing a Bag Hook ( $\mathrm{BH}-\mathrm{x}$ ), please skip to the next step.

Place the Bag Hook (Part A) on the underside of the worksurface, directly in front of the Frame Side Bar (model may vary).

Note: The Bag Hook can mount on either the left-hand or right-hand side based on the user's accessibility needs.

If mounting with DR-SM-x-xx, we recommend mounting the hook on the opposite side of the desktop as the drawer.

Attach the Bag Hook (Part A) to the underside of the worksurface using the $5 \times 20 \mathrm{~mm}$ screws (B).

(11) INSTALL DRAWER* (SOLD SEPARATELY)

If user is not installing a Drawer
(DR-SM-x-xx), please skip to the next step.
Place the left and right drawer covers (Parts W \& X) over the sides of the Drawer Assembly (Part V) as shown and set on the desktop to align.

Attach the Drawer to the underside of the worksurface using the $5 \times 20 \mathrm{~mm}$ Screws (Part Y) 4x.

Note: Mount the front of the drawer $1^{11}$ from the front edge of the worksurface.

One side of drawer should be flush with the inside face of the Frame Side Bar.


## 12 INSTALL MODESTY/PRIVACY SCREEN - SCREEN BRACKETS* (SOLD SEPARATELY)

If user is not installing a Modesty/Privacy Screen (MP-xx-x-xx), please skip to Step 13: "Flip The Standing Desk Upright"

Place the Screen Brackets (Part EE) $6 x$ onto the worksurface and align with predrilled holes.

Attach the Screen Brackets (Part EE) 6x to the underside of the worksurface using the $5 \times 20 \mathrm{~mm}$ Screws (Part FF) 18x.


## 13 FLIP THE STANDING DESK UPRIGHT

We recommend using two people to safely flip the completed standing desk onto its feet.

Check to ensure the power cord reaches a power source. If not, remove Center Lid (Part E), pull more power cord out and re-install Center Lid.

Plug in the standing desk and ensure Switch is working correctly. For detailed Switch and initialization instructions, please see page 22-24


## (14) INSTALL MODESTY/PRIVACY SCREEN - SCREEN ADAPTERS* (SOLD SEPARATELY)

Insert the Screen Bolts (DD )through the mounting points of the Modesty/Privacy Screen (models vary)

Thread the Screen Adapters (CC) onto the Screen Bolts (DD).

Note: MP-FP-x-xx screens have a modesty and privacy orientation. You can flip the screen from the right to left to change from modesty to privacy.

MP-RP-x-xx screens only have one orientation.


MP-FP-x-xx screens have a modesty and privacy
orientation. You can flip the screen from the right to left
to change from modesty to privacy.



Only one orientation.

15 INSTALL MODESTY/PRIVACY SCREEN* (SOLD SEPARATELY)

Slide Modesty/Privacy Screen down onto the Screen Brackets. Connections will "snap" together.

Note: To remove. pull the screens straight UP to "pop" them from the brackets.


## PERFORM INITIAL RESET

Connect power cord to 120 v power outlet.

## INITIALIZE

The desk cannot drive up if it has not been initialized. This is error code E01.

How to initialize:

1. Press down key and drive to the lowest position. Hold the key until the desk stops completely.
2. Reactivate the down key and hold the key until the desk stops completely. Now the desk can drive up.

DIGITAL SWITCH OPERATION


| $\wedge=$ PARALLEL UP | $\cdot=$ MEMORY 1 |
| :--- | :--- |
| $V=$ PARALLEL DOWN | .. |
| = MEMORY 2 |  |
| $S=$ STORE MEMORY | $\cdots=$ MEMORY 3 |

## UP AND DOWN ( $\mathrm{V} / \mathrm{N}$ )

Just activate either the up or down button for parallel drive and the system will drive until the button is released again or the system reaches end position.

## MEMORY

The four small buttons are used for memory drive/storing memory.

## STORE MEMORY

- Press S - button, the display will flash for 2 seconds
- Within these two seconds press one of the small buttons with dots and the position will be stored at this button.
The panel will acknowledge by showing " 1 ", " 2 " or " 3 " in the display depending on chosen position

MEMORY DRIVE (small buttons with dots)
Keep the button pressed until the position is reached.

## DISPLAY FUNCTION

Shows the actual height in either cm or inch.

## ADJUSTING INITIAL HEIGHT

It may be necessary to adjust the displayed height due to different thicknesses of desktops etc. The DPF1C will as standard either show 68 cm or 24.5 inch as the default desk height.

## PROCEDURE

Press $/ \backslash$ and $\backslash /$ keys at the same time and keep them pressed for 5 seconds. This allows the initial height to be adjusted. Until the initial height can be adjusted, the display will show three minuses (---) hereafter the display will revert to showing the height. The height can then be adjusted by either $\wedge$ or $\backslash /$ until til desired height has been reached. The system will return to normal operation (and give a short blink) after 5 seconds of inactivity on the keys.
The feature can be disabled via configuration in which case pressing the $\backslash$ and $\backslash /$ keys at the same time will be considered an illegal keypress.

## PERSONAL HEALTH TRACKER OPERATION



```
TILT \ = PARALLEL UP
TILT \ = PARALLEL DOWN
    S = REMINDER
    曷 = BLUETOOTH®
    }= STORE MEMORY
```


## UP AND DOWN

Just tilt the switch either up or down to activate parallel drive and the system will drive until the switch has been released or the system reaches end position

## REMINDER

To adjust the reminder interval press the bell button A white block on the bottom of the display will appear for the numerical interval chosen (1 block for interval 1 etc). If no white blocks are displayed, the reminder setting on the switch is off

The intervals that can be chosen from are as follows:

- Interval 1: Reminder after 55 minutes of sitting
- Interval 2: Reminder after 50 minutes of sitting
- Interval 3: Reminder after 45 minutes of sitting

The light strip will pulsate orange when it is time for the user to switch to standing. The light strip will pulsate green when the interval has not reached its end. After 4 hours of no interaction with the switch, it will time out and no colored strip will appear

## STORE MEMORY

Press the star button shortly, and wait for the 4 memory positions to show.

- Choose which memory position (1-4) you would like to save.
- Press and hold the star button for 2 seconds.

The light strip on the face of the switch will blink white two times.

- Once the light strip becomes a static white, the chosen position with the star symbol will appear indicating the height has been saved to that position
To erase all memory, hold the star button for 8 seconds until the light strip appears red.


## MEMORY DRIVE

Just tilt the switch either up or down to activate paralle drive and the system will drive until the first stored position in the chosen direction has been reached. To move past this position, either continue tilting the switch or release, and tilt in the same direction again.

## BLUETOOTH®

Pressing the Bluetooth button for 2 seconds will activate pairing mode where the light strip will pulsate blue. Download the Desk Control App suited for your device in App, Google Play or Windows store and pair the app and device. The display on the DPG1C will inform about the Bluetooth-ID of the desk, which is "DESK" followed by a 4-digit number - look for this ID in the list of "Desks nearby"

## FACTORY RESET

To reset to factory default settings, hold both the "Memory" and "Reminder" buttons for 8 seconds. The light strip will pulsate red 3 times, after which a countdown until the reset will be initialized on the display.

## DISPLAY FUNCTION

Shows the actual height in either cm or inch.

## ADJUSTING INITIAL HEIGHT

t may be necessary to adjust the displayed height due to different thicknesses of desktops etc. The DPG1C will as standard either show 68 cm or 24.5 inch as the default desk height.

## PROCEDURE

Press and hold both the "Reminder" and the "Bluetooth" button on the DPG1C at the same time for 5 seconds. The height display will start to blink, at which the switch can be tilted up or down to adjust the readout without moving the lesk. To confirm the readout, press any button or wait 10 seconds after having adjusted it.

## SWITCHING BETWEEN CM AND INCH

To switch between cm and inches on the display, press and hold both the "Memory" and "Bluetooth" button for 5 seconds until the current measurement units blink. Just tilt the switch to change the units, and press any button to confirm or wait 10 seconds after having adjusted it.

The included electric height adjustable table that is not working properly can be evaluated to determine why the table isn't functioning.

Take note of how the table is malfunctioning and any error codes that are displayed on the digital readout switch.

Make sure to check all cables and power cord connections Unplug everything (all control cables from control box and egs, power cord, and control switch from control box), allow the table to sit for 10 seconds, and then reattach all connections. While reattaching all connections, check female ports to ensure all "six" pins in each port are straight and not bent.

## RESET THE WORKSTATION

1. Press the down button and hold until the desk is fully lowered.
2. Press the down button and release, then immediately press and hold the down button for $5-6$ seconds looking for slight movement down and then back up. Reset is complete.
3. Press the up button and desk will function normally.

Reset may need to be performed up to three times in succession before positive movement is seen.

## COLLISION DETECTION

Collision Detection is designed to mitigate hardware damage if a hard collision between the table and another surface is to occur. This is done by detecting a predefined difference in current consumption by the channels on the control box. If this takes place, the legs are brought to a halt and run in the reverse direction for about 50 mm (1.97") without having to hit the switch, to avoid any damage to the components of the table.

## FORCE REQUIRED TO ACTIVATE ANTI-COLLISION

Upwards: 44 lbs ( 20 kg )
Downwards: 88 lbs (40 kg + load on desk and desk itself)

Note: Force required to activate is based on a sudden concentrated load directly to the leg actuator. Leg position amount of surface cantilever, size of application
and amount of overall loading will affect the sensitivity and amount of force required to activate.

## SITUATIONS IN WHICH ANTI-COLLISION

## DOES NOT WORK

If the collision happens when initializing the table.

- If the collision happens within 1 second of activation, or after the control box has been released
- If the collision happens between the floor and the table and the load on the desk + the weight of the legs are lower than 88 lbs (40kg).
- If the collision happens for an extended period of time, like colliding with a soft object.


## STANDARD ERROR CODES

$\left.\begin{array}{l|l|l}\hline \text { ERROR } & \text { DESCRIPTION } & \text { ACTION } \\ \hline \text { EOI } & \begin{array}{l}\text { Desk has an unknown } \\ \text { position and needs to } \\ \text { be reset }\end{array} & \text { Reset Desk } \\ \hline \text { E23 } & \begin{array}{l}\text { Channel 1 is detected } \\ \text { missing }\end{array} & \begin{array}{l}\text { Check all cable } \\ \text { connections associated } \\ \text { with port 1 }\end{array} \\ \hline \text { E24 } & \begin{array}{l}\text { Channel 2 is detected } \\ \text { missing }\end{array} & \begin{array}{l}\text { Check all cable } \\ \text { connections associated } \\ \text { with port 2 }\end{array} \\ \hline \text { E55 } & \begin{array}{l}\text { Channel 3 is detected } \\ \text { missing }\end{array} & \begin{array}{l}\text { Check all cable } \\ \text { connections associated } \\ \text { with port 3 }\end{array} \\ \hline \text { E60 } & \begin{array}{l}\text { Safety limit switch } \\ \text { activated on channel 1 }\end{array} & \begin{array}{l}\text { Check for obstruction, } \\ \text { or binding due to } \\ \text { frame assembly }\end{array} \\ \hline \text { activated on channel 2 }\end{array} \quad \begin{array}{l}\text { Check for obstruction, } \\ \text { or binding due to } \\ \text { frame assembly }\end{array}\right]$.

## SPECIFICATIONS

## BASE

- Complete 2-leg, electric, adjustable frame
- Feet options:
- Cantilevered, 27.6" (700mm), Flat L-Model
- 19.69" (500mm) under-frame
- Flex Frame, three-piece, adjustable construction
- Complete frame outside dimension, adjustment range
- L- Large, 44.0" - 70.0" (1168.4mm - 1778.0mm)
- Dimensions are outside frame dimensions.
- Infinitely adjustable within adjustment range.
- Integrated cable management tray
- Finish - Powder coated steel
- Black (RAL 9005)
- White (RAL 9016)

Silver (Custom, close to RAL 9006)

- Height Range:
- HI = 22.2" - 48.7" (563.9mm - 1237.0mm)
- Operation: Electric
- Weight Capacity: 350 lbs (159kg)
(frame only, without desktop)
Adjustment Speed: 1.5" (38.0mm)/second


## WORKSURFACE / DESKTOP SIZE RANGE

Dimensions:

- Width: 48.0" - 72.0" (1219.2mm - 1828.8mm)
- Depth: 30.0" (762.0mm)
- Thickness: Minimum 0.71" (18.Omm)


## USAGE

- Two parallel drive leg actuators(DL6000XNO665518) and x AC to DC control box (CBD6SP00020A-109)
- Duty cycle: 10\% ~ 6 min. Per hour or 2 min.

Use at full load.

- Ambient temperature: $+50^{\circ} \mathrm{F}$ to $104^{\circ} \mathrm{F}\left(+10^{\circ} \mathrm{C}\right.$ to $\left.40^{\circ} \mathrm{C}\right)$
- Storage and transportation temperature: $14^{\circ} \mathrm{F}$ to $158^{\circ} \mathrm{F}$ $\left(-10^{\circ} \mathrm{C}\right.$ to $+70^{\circ} \mathrm{C}$ )


## SWITCH OVERVIEW

UD - Up/Down Control Switch DPF1K00-010006


DS - Digital Readout Switch with Memory DPF1C00-0016-01


PH - Personal Health Tracker R039006


