CLEVER ADJUSTABLE TABLE - MOUNTING INSTRUCTIONS AND USER GUIDE

Hafele's Clever Table Base System is a flexible desk platform which offers optimal solutions for any requirement in the office. In addition to the easy and quick assembly, the price/performance ratio is one of the strengths of the Clever range.

Ordering:

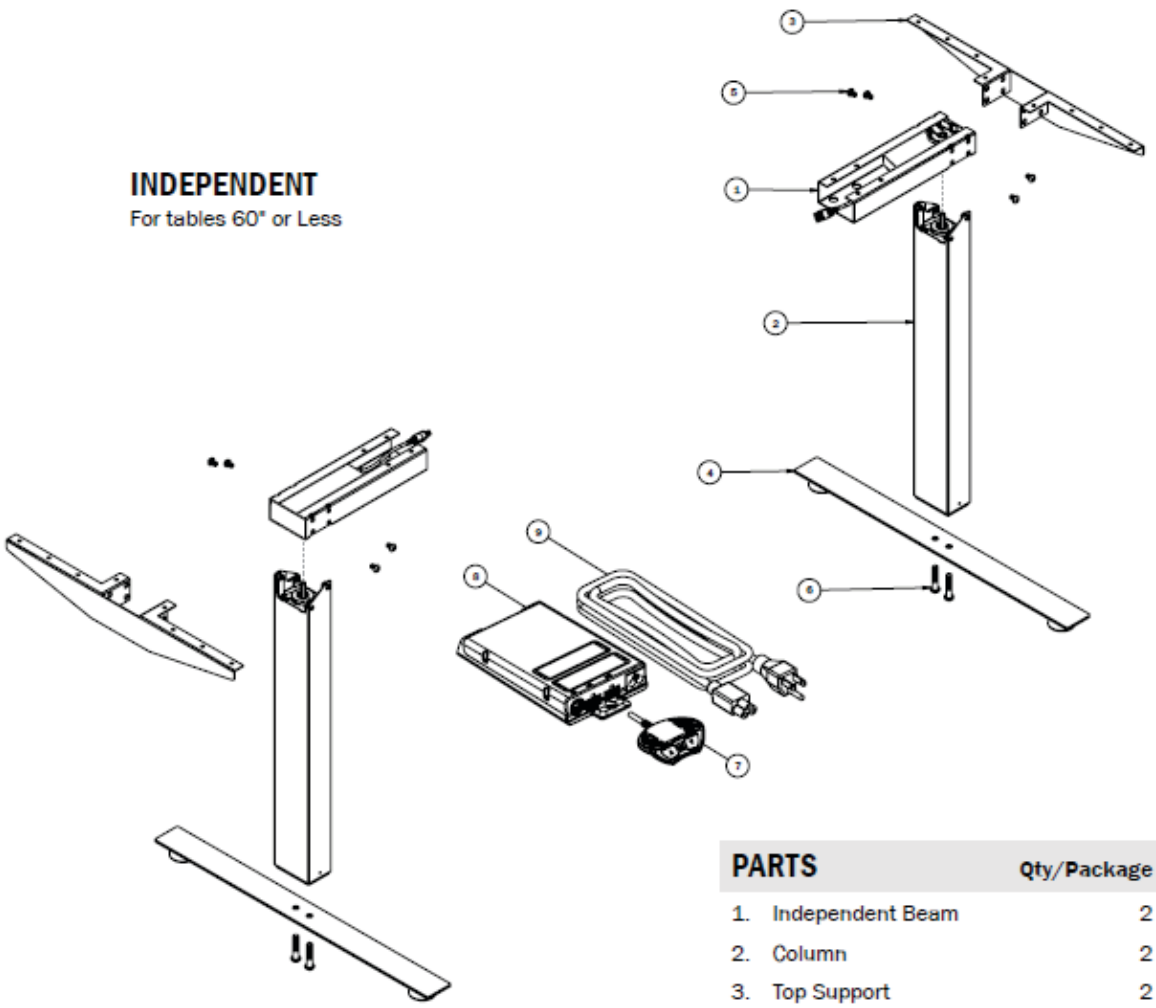
Step 1 Order Column Set
Step 2 Choose Feet and Top Support set
Step 3 Choose Hand Switch
Step 4 Optional: Support Channel/Cable Guide

This document supplies everything you need to assemble your CLEVER height-adjustable base.
Just add your own work surface.

2)

INDEPENDENT

For tables 60" or Less



PARTS	Qty/Package
1. Independent Beam	2
2. Column	2
3. Top Support	2
4. Foot	2
5. M8x1.25 12mm Screw	8
6. M10x1.5 50mm Screw	4
7. Handswitch	1
8. Control Box	1
9. Power Cord	1

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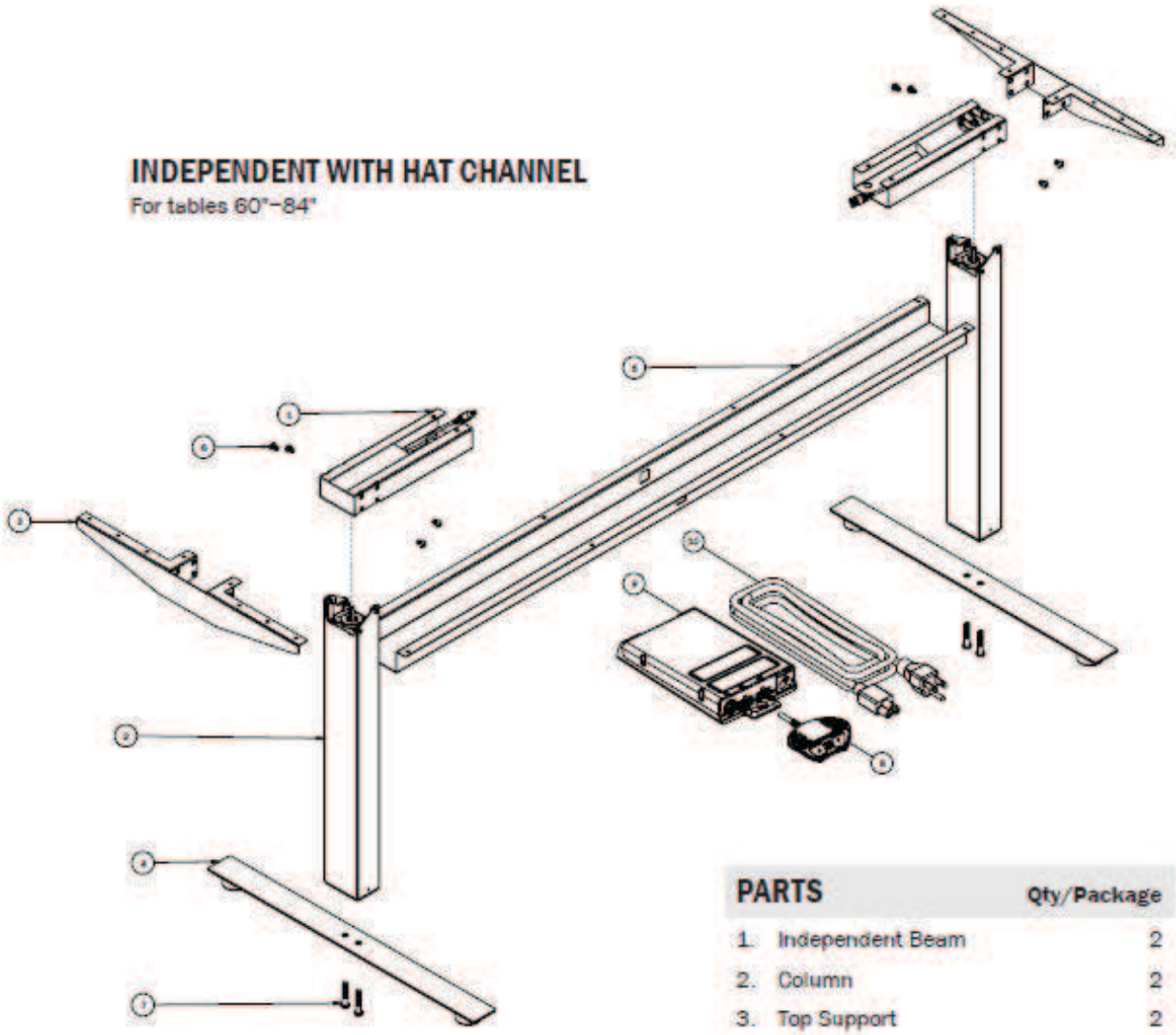
INDEPENDENT WITH HAT CHANNEL

For tables 60"–84"



DO NOT remove the foam surrounding the motor.

PARTS	Qty/Package
1. Independent Beam	2
2. Column	2
3. Top Support	2
4. Foot	2
5. HAT Channel	1
6. M8x1.25 12mm Self-Threading Screw	8
7. M10x1.5 30mm Screw	4
8. Handswitch	1
9. Control Box	1
10. Power Cord	1

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SAFETY INFORMATION

IMPORTANT SAFETY INSTRUCTIONS *Save these instructions.*

DANGER **To reduce the risk of electric shock:**
Always unplug this furnishing from the electrical outlet before cleaning.

WARNING: **To reduce the risk of death, serious injury, or property damage, read and follow this safety information and the provided instructions when assembling this product. Do not change or replace components and accessories provided by OMT-Veyhl.**

INSTALL ONLY APPROVED WORK SURFACES

This table system does not include a work surface (desktop). Work surface must be at least ¾" thick and weigh no more than 5 lb. per square foot (For example, a 2'x8' desktop should weigh no more than 80 lb). Do not exceed a maximum weight for the desktop of 75 lb. To prevent table from tipping or collapsing, make sure the desk frame is not overloaded by the weight of tabletop and objects you plan to put on the table. If you are unsure, contact customer service.

BE CAREFUL WHEN ADJUSTING DESK HEIGHT

Body parts and property can be caught between the moving work surface and an immobile obstacle (such as shelves, furniture, window sills, or walls). Keep at least one inch of clearance around desk and make sure nothing is in table's path for its entire range of motion.

Before raising or lowering:

- Check surroundings on all sides of desk are clear
- Make sure corded objects will not be pulled off table or cause other objects to fall
- Make sure desk power cord moves freely as desk moves up and down

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DO NOT OVERLOAD DESK

To prevent table from tipping or collapsing, make sure the desk frame is not overloaded by the weight of tabletop and objects on table. Evenly distribute load; excess loads near edges can reduce stability and lead to tip over.

- Do not exceed maximum load (including weight of desktop) of 200 lb. (91Kg) for two-leg configuration, and 250 lb. (113 Kg) for three-leg configuration
- Do not exceed edge load of 25 lb. when positioning monitors or mounting accessories.
- Do not sit or stand on table

USE CARE WHEN MOVING DESK

- Clear objects and equipment from table before rolling to reduce the risk of tipping over.
- Adjust the desk to its lowest height before moving
- To disconnect, turn all controls to the off position, then remove plug from outlet
- Do not move a loaded desk
- Do not lift the desk by the work surface (desktop)

DO NOT OPEN ELECTRICAL COMPONENTS

Do not attempt to service table components. There are no user-serviceable parts inside the motor control units or table legs. If your table needs service, contact customer service. Never operate this furnishing if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged. Return the furnishing to a service center for examination and repair.

KEEP TABLE FRAME DRY

Keep all electrical components away from water and high humidity. Clean only with a dry or slightly damp cloth. Do not spray cleaning solutions directly onto table system.

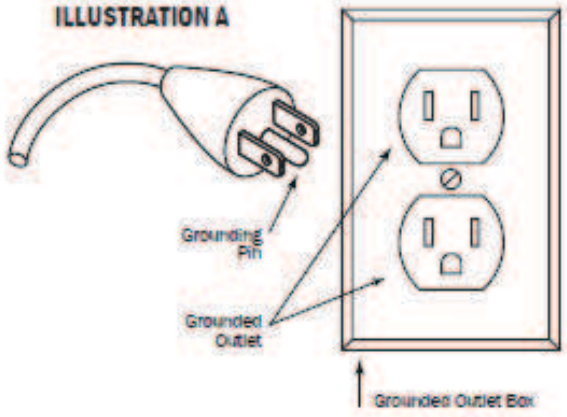
GROUNDING INSTRUCTIONS

This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. **Use only the cord provided.** Make sure that the product is connected to an outlet having the same configuration as the plug (as shown in Illustration A) that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

No adapters are to be used with this product.
Keep cord away from heated surfaces.

ILLUSTRATION A



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ASSEMBLY INSTRUCTIONS

The assembly of the table frame to be made in accordance with this manual.
Changes to the table frame or improper use may affect the safety, function, and life of your product.

This manual is for all sit-stand tables from the OV1000 series.
Due to different models or types, pictures may vary.

ASSEMBLY OVERVIEW

1. Assemble the foot to the column
2. Assemble the top support to the beam and column
3. Feed motor cables through beam or HAT channel cutout
4. Fasten the table frame onto the table top
5. Fasten the control box and handswitch to the table top
6. Connect the motor cables to the control box
7. Connect the handswitch (HS) cable to the control box
8. Connect the supplied power cord (AC) to the control box
9. Attach all cables to the table frame or on the underside of the table top

DO NOT remove the foam surrounding the motor.

Before proceeding with the table assembly: All electric motors MUST be initialized before moving the table in the "UP" direction.

Please follow the below instructions for proper initialization:

1. All Columns (motors) must be plugged into the Control box.
2. Plug the "Up/Down" Hand switch in to the Control box.
3. Plug the Control box power cord into a 110 volt grounded outlet.
4. Hold the "Down" button in until the columns bottom out to the lowest position.
5. Please continue to hold until a "clicking" sound is heard and the columns move "slightly" UP.
6. Once this is completed your system is properly initialized and can be operated without harm to the system.

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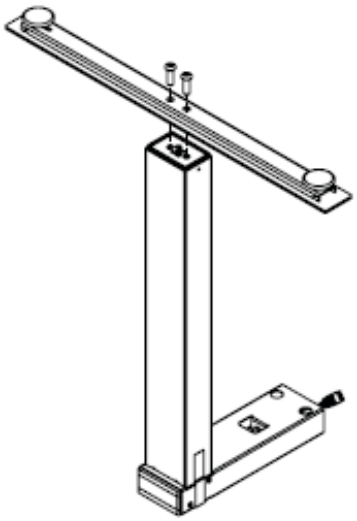
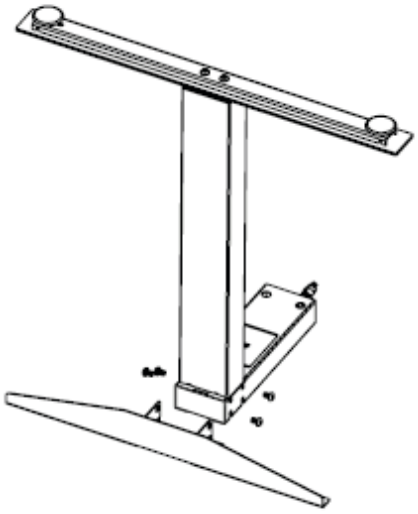


1 ASSEMBLE THE FOOT TO THE COLUMN

Assemble using the M10x1.5 x 30mm length screws (2 per column). The maximum tightening torque for these screws is 48Nm. (35 lbs-ft).



2 ASSEMBLE THE TOP SUPPORT TO THE BEAM AND COLUMN

Remove the tape surrounding the independent beam and column. Ensure the mounting holes in the column remain aligned with the corresponding holes in the independent beam.

Align top support holes with independent beam assembly. Assemble using the M8x1.25 x 12mm length screws (4 per column). An average fastening torque of 8Nm (6 lbs-ft) will be required to initially engage the screw in the hole. The maximum tightening torque for these screws is 20Nm (15 lbs-ft). Repeat as necessary for remaining columns.

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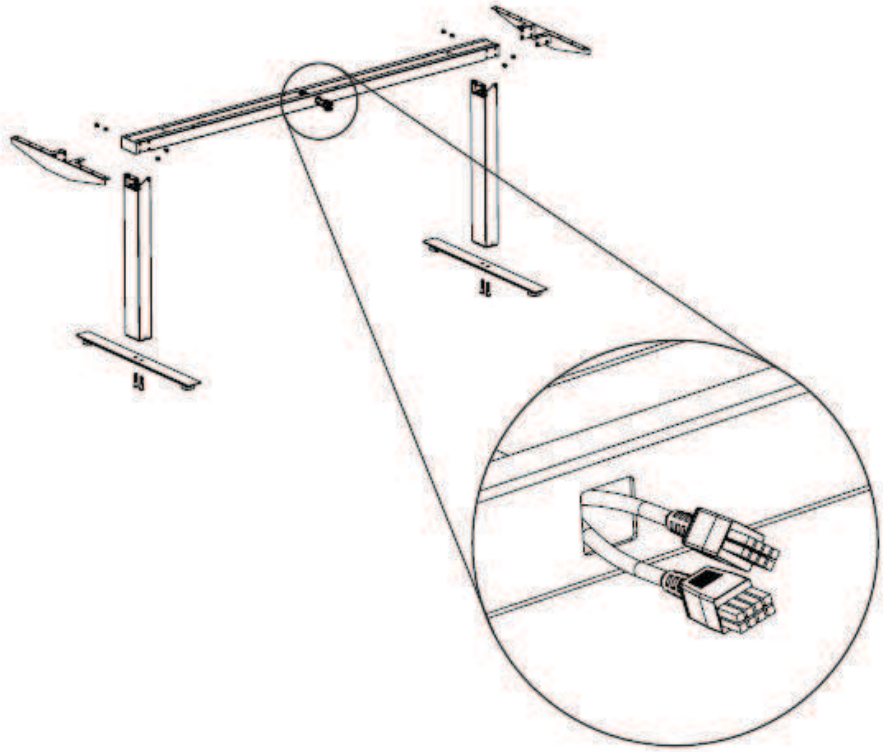
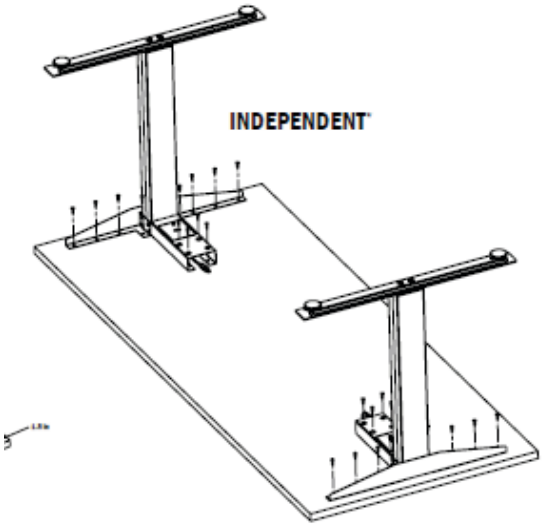
3 FEED THE MOTOR CABLES THROUGH THE BEAM / HAT CHANNEL CUT OUT*

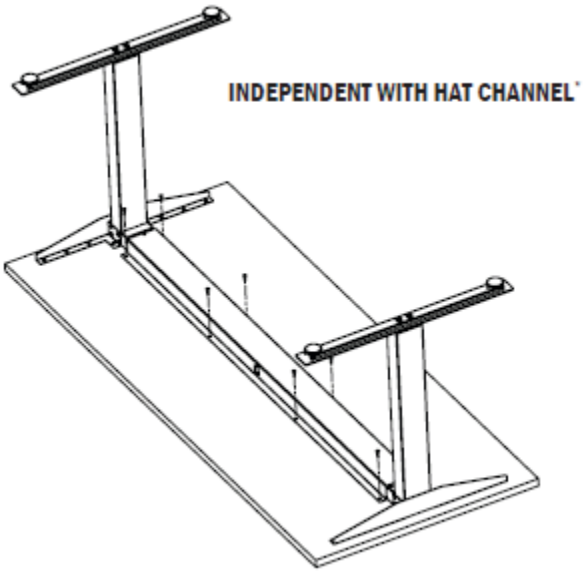
*For tables with a full length beam or HAT channel



4 FASTEN THE TABLE FRAME ONTO THE TABLE TOP

Be sure to use approved screws per the table top supplier.





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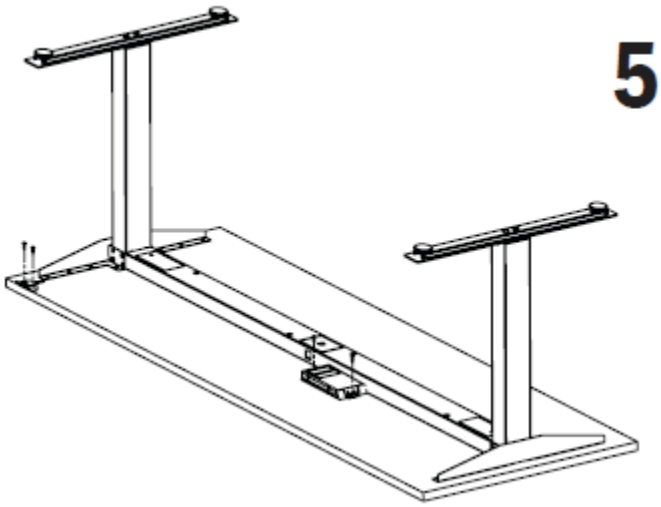
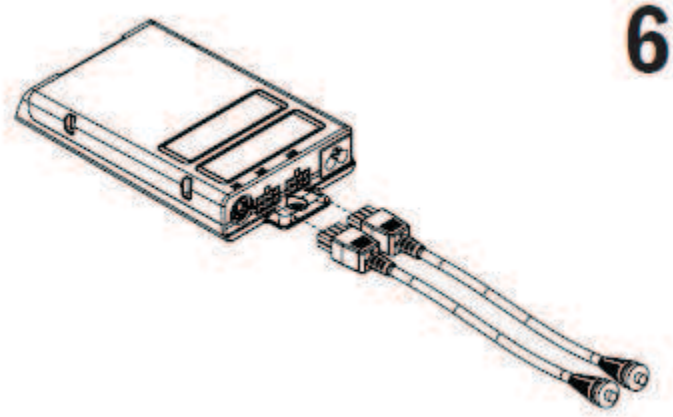


5 FASTEN THE CONTROL BOX AND HANDSWITCH TO THE TABLE TOP

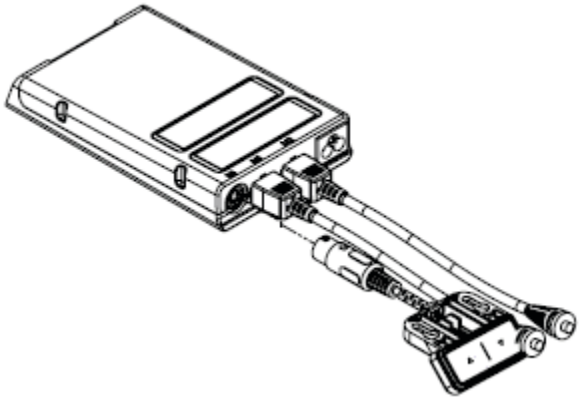
Make sure the control box and handswitch are fastened in a location where all the cables will connect without being in tension. Be sure to use approved screws per the table top supplier.



6 CONNECT THE MOTOR CABLES TO THE CONTROL BOX

The motor cable plug-connection has to click into place. If a control box is used which has more plug-terminals than needed, **you have to connect to M1 first.** (The extra terminals can be left open.)

Connections to the control box:
M1-M2 = Connectors for the columns
HS = Connectors for the handset
AC = Connector for the power cord (3-pin)



7 CONNECT THE HANDSWITCH (HS) CABLE TO THE CONTROL BOX

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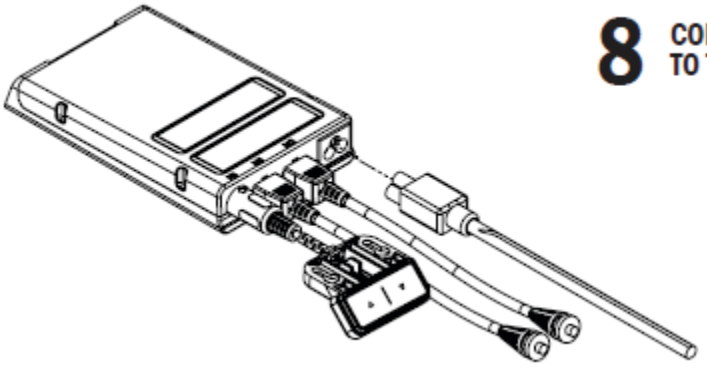


8 CONNECT THE SUPPLIED POWER CORD (AC) TO THE CONTROL BOX

9 ATTACH ALL CABLES TO THE TABLE FRAME OR ON THE UNDERSIDE OF THE TABLE TOP

Attach cables in order to avoid any damage during operation.

11)

OPERATION INFORMATION

INITIALIZATION/RESET

The desk may need to be initialized/reset after any of the following:
- After assembly
- After disconnection from the power supply
- After any impact on the table top.

To initialize/reset, you will need to move the table to the lowest position by holding the DOWN button of the handswitch until all columns reach the lowest position. Then press the DOWN button again and hold it pressed for five seconds or until a slight movement of the table drops down to the machine zero point and back up to the operation zero point. Once the table stops moving, release the DOWN button. If the button is released too early, this leads to a malfunction of the table and you must repeat the reset process.

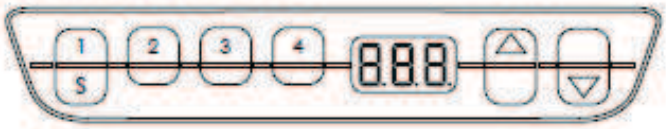
The upper height position is programmed into the control box. For this reason, only use the control box that has been provided with the specific table frame. **Under no circumstance should a control box from one table be moved to another.**

NORMAL HANDSWITCH OPERATION (for all handswitch types)

By pressing the UP or DOWN buttons, the table will move up or down to the desired position. Once the desired position is reached, let go of the UP or DOWN button. The table will stop once it reaches the lower or upper height position.

PROGRAMMABLE HANDSWITCH OPERATION (optional)

This programmable handswitch is equipped with a display for showing the current table height in centimeters or inches.



The handswitch also will display an error code if an error is detected by the control box. When an error is detected, the display will show an error code "EXX," instead of the current table height. To resolve the error, see the Troubleshooting Section (p. 16-17 of this guide).

The programmable handswitch also has the ability to save up to four different height positions.

12)

PROGRAMMABLE HANDSWITCH OPERATION (continued)

CHANGE THE HEIGHT UNIT (inches or centimeters)

The height display of the handset can display either centimeters or inches. With the help of the S5-menus, the unit can be changed. If the display was originally set to centimeters, then after the procedure noted below it will change to inches or vice versa.

To change the unit, follow these steps:

1. Press and hold the 1, 2, and UP buttons for 5 seconds until the display shows "S 5".
2. Confirm by pressing the "S" button. Now the display will have changed.

To exit the menu without making a selection, wait approximately 10 seconds until the height display appears again.

ADJUSTMENT OF THE HEIGHT DISPLAY

If the indicated value does not match the actual height of the table top, the display can be corrected as follows:

1. Press and release the "S" button.
2. Press and hold the DOWN button for 5 seconds until the display starts to flash.
3. Measure the table height and enter the measured value (depending on the setting in centimeters or inches) with the UP or DOWN button. Confirm the entry by pressing the "S" button.

To exit the menu without making a selection, wait 10 seconds and the height display will appear again.

SAVE MEMORY POSITION

Drive the table up or down to the desired height. Press the "S" button (in the display "S -" is shown.) Select a position by pressing on any of the four number buttons, 1-4, (the display will show the setting as "S1"). The save position procedure is confirmed by the control box with a double click sound. After approximately 5 seconds, the display shows the current table height. Repeat steps to save a maximum of four different positions.

RECALL MEMORY POSITION

Press and hold the desired memory location button (1, 2, 3 or 4) and the table moves independently from the current position into the saved position. The button must be pressed until the position is reached. If the button is released, the table will stop short of the desired height.

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TECHNICAL DATA

GENERAL CONTROL BOX	
Power supply	120 VAC ±10% / 60 Hz
Standby power consumption, primarily	<0.3 W
Operating temperature	0-35°C
Protection class	IP 20
Maximum power output	216VA/24V

TWO-COLUMN FRAME WITH CONTROL BOX	
Maximum lift capacity	200 lb (≈ 90 kg / 890N)
Adj. range, depending on version	View Illustration B
Maximum input current	5 A
Maximum duty cycle	10% (2 min. on / 18 min. off)

STANDARDS & CERTIFICATIONS

The drive system is tested according to the following standards:

UL 962
Issued: 2014/11/07 Ed: 4 Household and Commercial Furnishings

CSA C22.2#68
Issued: 2009/09/01 Ed: 7 (R2014)
Motor-Operated Appliances (Household and Commercial);
Gen. Inst. No.1: 2010, Gen. Inst. No.2: 2010

Meets 2014 BIFMA standards.