

# ALTO SYSTEM CONTROL MANUAL



# ABOUT THIS GUIDE



## CONGRATULATIONS ON USING THE ALTO SYSTEM

The Alto is small, light-weight, powerful, energy efficient and extremely quiet. The Alto controller supports environmental protection and cuts operating costs, thus providing a long service life.

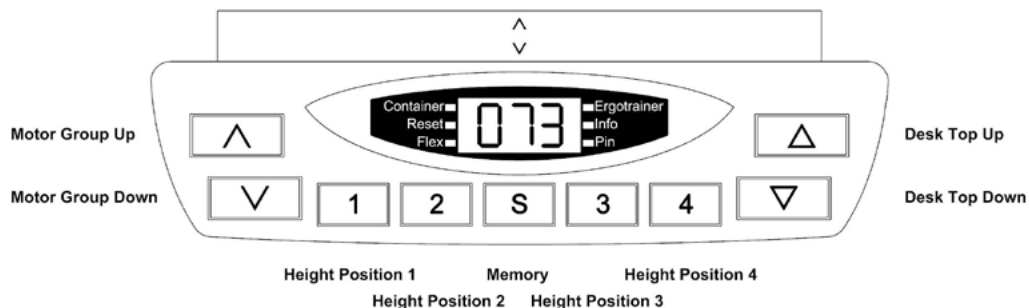
## YOUR ELECTRIC CONTROLLER

### FIRST TIME USERS

### TROUBLESHOOTING



# YOUR CONTROLLER



## WARNING LIGHTS

- Container** - This led shows that the container stop function is active.
- Reset** - This led shows that the control box is being reset.
- Flex** - This led shows that the flex function is active.
- Ergotrainer** - This led shows that the ergotrainer is active.
- Info** - This led warns you information on the position and information display.
- Pin** - This led shows that the pincode function is active.



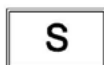
Store memory key      Memory positions

## HOW TO RESET TO FACTORY SETTINGS

Press the position keys 1, 2 and the desktop UP key at the same time. Keep pressed for 10 seconds then release. The display will show S and the number eg. S 5

Press the desktop UP key until the display reads S 0

Press the memory key. The control unit will be reset to its factory settings.



## MANUAL HEIGHT ADJUSTMENT

The desktop will travel up and down when the arrow keys are held. The display will show the current height in centimeters, hold down the up or down key until the desired height has been reached.

**Note:** The desktop will stop once the minimum and maximum height is achieved.



## SETTING A MEMORY WITH A HEIGHT POSITION

To sort a present position - set the desktop to the desired height using the arrow keys, then press the memory key followed by a position of your choice (1, 2, 3 or 4)



The desktop height is now stored to the chosen position key. The function is confirmed with a double-click sound and after approximately 2 seconds the stored height will be displayed.

**Note:** Only one desktop height per position is allowed.

To select a preset height, press and hold the desired key. Release the position key once the desktop has reached the preset height.



**Note:** If you release the key number before reaching the preset height, the desktop will stop without reaching the preset height.

# FIRST TIME USERS

## GETTING THE RIGHT POSITION WHEN SITING AND STANDING

Anthony Karsay, our resident Musculo-Skeletal Exercise Physiologist, from Full Spectrum Corporate Health Solutions ([www.fschs.com.au](http://www.fschs.com.au)) has the following advice for 'first time users' of an AWM Sit-to-Stand Workstation:



## MAKING STANDING A DAILY HABIT

"As with any new activity, the best thing is to 'gradually' immerse yourself. If you commit to running as a way to get fit, you would NOT start with a marathon, right??

Same thing with an AWM Sit-to-Stand Workstation. Start with 15min periods, standing for 15min, then sitting for 15min. Don't feel bad if you only start with 15min per hour. The idea is to gradually increase the amount of time you spend in a standing position. Slowly work your way up to 1 hour standing then 1 hour sitting."

**Did you know:** If you work an 8hour day, and spend ½ of it standing, that is, 1 hour sitting, 1 hour standing, 1 hour sitting and so on, you will burn the equivalent energy of 12kg of Body Fat by the end of your 1st year? Just for having spent ½ your work day on your feet!!

**Remember** - The human body was never made to sit... it was made to move, eat and sleep! For a healthier you, stay on your feet for longer!



# TROUBLESHOOTING

## ERROR MESSAGES - WHAT DO THEY MEAN?

If something is wrong with your system, take note of the error number and troubleshoot as shown.



### DISPLAY

**Cause** - The control unit is fitted with overheating protection. Overheating has caused it to stop the control unit.

**Fix** - Wait until the control unit has cooled down and HOT is no longer displayed. The control unit is then operational again.



### DISPLAY - E+NUMBER

**Cause** - There is an internal fault in the liECO control unit.

**Fix** - Proceed as indicated in the following error list:

Code	Description	Fix
E00	Internal Error Channel 1	Unplug power cord and contact the customer service on 1300 475 217
E01	Internal Error Channel 2	
E02	Internal Error Channel 2	

Code	Description	Fix
E12	Defect Channel 1	Unplug power cord and contact the customer service on 1300 475 217
E13	Defect Channel 2	
E14	Defect Channel 3	
E24	Overcurrent motor M1	Remove jammed objects from the driving area. Desk might be overloaded. Remove load from desktop if not resolved, contact customer service on 1300 475 217
E25	Overcurrent motor M2	
E26	Overcurrent motor M3	
E48	Overcurrent motor group 1	
E49	Overcurrent motor group 2	
E60	Collision protection	
E62	Overcurrent control unit	
E36	Plug detection in M1 motor socket	Unplug power cord and contact the customer service on 1300 475 217
E37	Plug detection in M2 motor socket	
E38	Plug detection in M3 motor socket	
E61	Actuator changed	Remove load from desktop. Reset all motors; If error occurs after reset again, contact customer service on 1300 475 217
E55	Synchronization lost motor group 1	
E56	Synchronization lost motor group 2	
E67	High voltage	Unplug power cord and contact the customer service on 1300 475 217
E72	Reset process has stopped	If you reset 2 legs which are uneven more than 140mm the system stops. Unplug the power cord for 4 seconds and restart the reset procedure.
E73	Failed leg, failed port of control	Disconnected wires or an overlay of different signals. Mostly a change of the leg helps.



Code	Description	Fix
E36	Plug detection in M1 motor socket	Unplug power cord and contact the customer service on 1300 475 217
E37	Plug detection in M2 motor socket	
E38	Plug detection in M3 motor socket	
E61	Actuator changed	
E55	Synchronization lost motor group 1	Remove load from desktop. Reset all motors; If error occurs after reset again, contact customer service on 1300 475 217
E56	Synchronization lost motor group 2	
E67	High voltage	Unplug power cord and contact the customer service on 1300 475 217
E81	Internal error	Unplug power cord and plug it in again after a few seconds.  If this error occurs frequently, unplug the power cord and contact the customer service on 1300 475 217
E000	System Reset	Turn the system off to be rested and reset





1300 475 217 | [WWW.AWM.NET.AU](http://WWW.AWM.NET.AU) | [INFO@AWM.NET.AU](mailto:INFO@AWM.NET.AU)  
We will be launching a free app for all users, get in touch

