

# ACE

(CONTROL PAD OPERATION)



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## 1. HANDSET PANEL



## OPERATING INSTRUCTIONS

## INITIALISATION

STEP	OPERATION	MOTION
1	Tilt down handset, then press and hold "Setting" button for over 5 seconds	Legs begin to move down at half speed of normal operation
2	Keep pressing "Setting" and tilting down handset	Legs move down to the lowest position and rebound 2~5mm, then stop
3	Release	Initialisation is completed



1. Initialisation must be completed before first running after the table is installed or parts are replaced.
2. Any interrupt during initialisation will cause system to stop and request re-initialisation.
3. When "E04" error code appears, please repeat:  
Step 1, keep tilting down the handset until "E04" code disappears and desk height is displayed  
Step 2, repeat 2.1. Initialisation procedure to complete the initialisation process.

## MOVE UP AND DOWN


STEP	OPERATION	MOTION
1	Tilt up handset and hold	Legs move up
2	Release	Legs stop
3	Tilt down handset and hold	Legs move down
4	Release	Legs stop


## SET MEMORY POSITIONS 1/2


1	Tilt up/down the handset and hold until legs move to desired height	Run legs to your desired height
2	Press "Setting" button, "---" should be displayed on the panel; Press "Setting" button again within 3 seconds.	Save current height to Memory Position 1/2. "♥--1" or "♥--2" will be displayed if the Memory Position 1/2 is successfully saved.



1. Memory position will be erased after initialisation.
2. Memory position can be overwritten.
3. Height above minimum height by more than 35cm (11.8 inch) will be saved in MP1; Height above minimum height by less than 35cm (11.8 inch) will be saved in MP2.


MOVE TO MEMORY POSITION 1/2		
STEP	OPERATION	MOTION
1	Quickly tilt up/down handset twice in 0.3 seconds	Legs will run to MP1 if tilt up and run to MP2 if tilt down
2	Release	Legs will run to MP1 or MP2, and display “♥--1” or “♥--2” when completed.
	1. Movement will be interrupted by tilting up/down handset again. 2. If current height is within 2cm of the target memory position, moving to target Memory Position will not be executed.	

CORRECT DISPLAY HEIGHT TO OFFICE TABLE HEIGHT		
STEP	OPERATION	MOTION
1	Press and hold “Setting” button, then tilt up handset over 2 seconds	Three-digit number displays on the screen. First digit flashing
2	Tilt up/down the handset	Increase or decrease the first digit on the screen to your measured number
3	Click “Setting” button	Second digit flashing on the screen
4	Tilt up/down the handset	Increase or decrease the second digit on the screen to your measured number
5	Click “Setting” button	Third digit flashing on the screen
6	Tilt up/down the handset	Increase or decrease the third digit on the screen to your measured number
7	Click “Setting” button	Setting completed and return
	1. As the leg rises or falls, in the imperial display format, the minimum change in height is 0.5 inch, while in the metric display format the minimum change in height is 1cm.	


SETTING MENU		
STEP	OPERATION	MOTION
1	Long press “Setting” button for more than 5 seconds	First show  Animation, then enter into Setting Menu
2	Tilt up/down the handset	Select the setting of next level
3	Click “Setting” button	Enter into next level of setting
4	Click “Setting” button if “Exit Menu” displayed	Exit from setting menu and return to height display
5	5 Tilt up/down the handset	Select the option
6	Click “Setting” button	Display “√” if option is successfully saved Display “x” if option fails to be saved
7	Click “Setting” button if “Exit Menu” displayed	Return to setting menu

SEDENTARY REMINDER		
STEP	OPERATION	MOTION
1	In setting menu, tilt up/down the handset to select "Sedentary Reminder"	Select "Sedentary Reminder" option
2	Click "Setting" button	Enter into "Sedentary Reminder"
3	Tilt up/down the handset	Switch between "40min", "60min", "80min", "Close" and "Exit"
4	Click "Setting" button when display "40min", "60min", "80min", "Close"	New setting is saved, and return back to Height Display within 2 seconds after displaying ✓
5	Click "Setting" button when display "Exit"	No setting changed and return to Setting Menu
6	Release	Setting completed
ADJUST UPPER/LOWER LIMIT		
STEP	OPERATION	MOTION
1	In setting menu, tilt up/down the handset to select "Travel Limitation"	Select "Travel Limitation" option
2	Click "Setting" button	Enter into "Travel Limitation"
3	Tilt up/down the handset to select Up/Down Stroke or Clear Lock	There are three options: Up Stroke Down Stroke Clear Lock(Up/Down Stroke disabled)
4	Click "Setting" button when display "Up Stroke", "Down Stroke", "Clear Lock"	Display within 2 seconds after displaying ✓
5	Click "Setting" button when display "Exit"	No setting changed and return to Setting Menu
6	Release	Setting completed
CHILD LOCK		
STEP	OPERATION	MOTION
1	In setting menu, tilt up/down the handset to select "Child Lock"	Select "Child Lock" option
2	Click "Setting" button	Enter into "Child Lock"
3	Tilt up/down the handset to select On/Off	Switch between On/Off
4	Click "Setting" button when display "ON", "OFF"	New setting is saved, and return back to Height Display within 2 seconds after displaying ✓
5	Click "Setting" button when display "Exit"	No setting changed and return to Setting Menu
6	Release	Setting completed


**BUZZER REMINDER**

STEP	OPERATION	MOTION
1	In setting menu, tilt up/down the handset to select "Beep Reminder"	Select "Beep Reminder" option
2	Click "Setting" button	Enter into "Beep Reminder"
3	Tilt up/down the handset to select	Switch between "Mode 1", "Mode 2", "OFF"
4	Click "Setting" button when display "Mode 1", "Mode 2", "OFF"	New setting is saved, and return back to Height Display within 2 seconds after displaying 
5	Click "Setting" button when display "Exit"	No setting changed and return to Setting Menu
6	Release	Setting completed

**EXCHANGE OF IMPERIAL SYSTEM AND METRIC SYSTEM**

STEP	OPERATION	MOTION
1	In setting menu, tilt up/down the handset to select "Unit Switching"	Select "Unit Switching" option
2	Click "Setting" button	Enter into "Unit Switching"
3	Tilt up/down the handset to select	Switch between "Metric" and "Imperial", "Exit"
4	Click "Setting" button when display "Metric", "Imperial"	New setting is saved, and return back to Setting Menu within 2 seconds after displaying 
5	Click "Setting" button when display "Exit"	No setting changed and return to Setting Menu
6	Release	Setting completed

**ADJUST SENSITIVITY OF ANTI-COLLISION**

STEP	OPERATION	MOTION
1	In setting menu, tilt up/down the handset to select "Gyroscope sensitivity"	Select "Gyroscope sensitivity" option
2	Click "Setting" button	Enter into "Gyroscope sensitivity"
3	Tilt up/down the handset to select	Switch between "G-0", "G-1", "G-2" and "G-3"
4	Click "Setting" button	New setting is saved, and return back to Setting Menu within 2 seconds after displaying 
5	Click "Setting" button when display "Exit"	No setting changed and return to Setting Menu
6	Release	Setting completed



1. Default option is G-2.
2. G-3 is the most sensitive setting.

ERROR CODES		
ERROR CODE	DESCRIPTION	SOLUTIONS
E01	Column malfunction	<ul style="list-style-type: none"> <li>• Check for loose column and control box cables.</li> <li>• Internal parts damaged in columns, need to change columns.</li> </ul>
E03	Overload	<ul style="list-style-type: none"> <li>• Overloaded for columns, reduce load.</li> </ul>
E04	Abnormal data	<ul style="list-style-type: none"> <li>• Under extreme environments, operating will cause the control box to malfunction; initialisation procedure required.</li> <li>• Discontinuing the initialisation process will cause the control box to malfunction, re-initialisation needed</li> </ul>
E05	Button of switch stuck	<ul style="list-style-type: none"> <li>• Button of switch stuck, check the status of the button. If stuck then toggle the button to restore.</li> <li>• Replace the switch.</li> </ul>
E06	Communication outage	<ul style="list-style-type: none"> <li>• Communication between handset and control box broke, check the link cable.</li> <li>• Check control box to see if it is intact.</li> </ul>
E08	Motor short circuit	<ul style="list-style-type: none"> <li>• Check if there is cable damage and replace the motor cable if necessary.</li> <li>• Power on again. If the fault does not disappear, check whether the motor is working properly.</li> </ul>
E09	HALL sensor abnormal	<ul style="list-style-type: none"> <li>• Re-initialize the system to fix the error</li> </ul>
E10	Actuator error	<ul style="list-style-type: none"> <li>• Cut off control box power and cool it for 1 minute. If the malfunction is still present, then replace control box.</li> </ul>
E12	Gyro-scope sensor malfunction	<ul style="list-style-type: none"> <li>• The sensitivity sensor module of the gyro sensor is malfunctioning. Cut the power and re-power back on.</li> <li>• Level the table top or place the control box flat.</li> </ul>