AIS HAT PROGRAMMING INSTRUCTIONS

Resetting the base

◆ **Resetting the base;**

When the LED display shows an error code, press the DOWN button for up to 5 seconds until the LED changes to a flashing "RST".

Then press the DOWN button again until the base lowered a little more and slightly risen, At this time, LED will show Normal number 637, the base is now ready for use.

HANDSET LOCK & UNLOCK

◆**Handset lock :**
Press and hold the "M" button (**about 8 seconds**) until the LED display switches to "S -" and then to "LOC." Release the button.

◆**Handset unlock:**
Press and hold the "M" button (**about 8 seconds**) until the LED switches from "LOC" to the height display. Release the button.

Handset Errors	Parts Affected	Condition	Solution
E01	Column plugged into M1 Port	1. column has been modified in a way that prevents movement	1. check that there is no interference, then preform base reset
E02	Column plugged into M2 Port	2. column has exceeded the weight limit	2. check that weight limit has not been exceeded then preform base reset
E03	Column plugged into M3 Port	3. control box tells column to travel beyond its mechanical limits	3. if column doesn't slow down before stop (makes clunk sound) control box may need to be exchanged.
E04	Column plugged into M4 Port	4. column has a mechanical failure	4. if none of the above conditions, column needs to be replaced.
E05	Column plugged into M5 Port		
E06	Column plugged into M6 Port		
E07	Column plugged into M1 Port	1. column is not plugged into port correctly	1. verify that all plugs are seated within the control box port then preform base reset
E08	Column plugged into M2 Port	2. column cord/plug is damaged	2. unplug columns, turn control box around, plug columns back in, if a new port error code is displayed, then the column needs replaced
E09	Column plugged into M3 Port	3. control box port is damaged	3. unplug columns, turn control box around, plug columns back in, if the same error code is displayed, then the control box needs replaced
E10	Column plugged into M4 Port		
E11	Column plugged into M5 Port		
E12	Column plugged into M6 Port		
E13	Control box error with master/save connection	1. cord not plugged in correctly	1. verify that all plugs are seated within the control box port then preform base reset
		2. cord/plug is damaged	2. inspect cord/plug for damage, replace if needed
		3. control box problem	3. if above is correct then control box replacement is required (note that Master/Slave system is a custom install customer service may be required)
H01	Control box duty cycle	1. Continuous movement of columns over 4 minutes	1. desk must rest for 16 minutes
		2. Room temperature to high for heating elements	2. environment temperature may be to high for operation.
LOC	control box/handset lock	1. Control box program has the handset locked	1. perform the handset un-lock operation
		2. There is a handset circuit error	2. replace handset if un-lock doesn't solve problem

AIS HAT PROGRAMMING INSTRUCTIONS

◆ Setting the upper & lower height limits;

Setting the Upper-Limit position:
Use the UP/DOWN buttons to move the base to the desired maximum-height position. Press the "M" button for one time and release, then press the "UP" button for one time and release. The LED display will show "S- ". Then press and hold the "M" button (about 2 seconds) until the LED display changes to "999" . The display will automatically return to the selected height. The new upper limit is now set.

Setting the Lower-Limit position:
Use the UP/DOWN buttons to move the base to the desired minimum-height position. Press the "M" button for one time and release, then press the "DOWN" button for one time and release. The LED display will show "S- ". Then press and hold the "M" button (about 2 seconds) until the LED display changes to "000" . The display will automatically return to the selected height. The new lower limit is now set.

Removing the Upper/Lower Limit Positions:
Press and hold the "M" button until the LED display flashes "S -" and then release it. Within 5 seconds, press the "M" button again and hold for 2 seconds. The LED display will change to "555" and then automatically return to the height display. The upper and lower limits are now removed.

A RESET procedure requires the desk base to full retract (beyond any lower limit set).

Setting the LED retracted Height

◆ Setting the LED retracted Height

Press the DOWN button on the Handset until the base reaches its lowest position. Measure the distance from floor to the top surface of the desktop. If the number on the LED display does NOT match your measurement, follow these steps:

Press and hold the DOWN button until the LED display reads "RST". Press and hold the "M" button (about 5 seconds) until the LED displays the flashing height. (If the display returns to "RST" before the next step is taken, repeat this step.) Use the UP/DOWN buttons to change the value of the starting height so that it matches your measurement. Wait about 5 seconds and the display will return to "RST."

Finish the **reset** process by pressing and holding the DOWN button again until the desk lowers a little bit more, slightly rises and stops. Release the button. The new starting height value is saved and your desk is now ready to use.
Note: the LED display has a ± 0.1 tolerance.

AIS HAT PROGRAMMING INSTRUCTIONS

Changing the one-touch & constant-touch Memory key way

◆ Changing the one-touch & constant-touch Memory key way

Press the DOWN button on the Handset until the base reaches its lowest position. Press and hold the DOWN button again until the LED display reads "RST".

Press and hold the 1 button (about 5 seconds) while the LED flashes "RST" and then switches to either:
10.1 =One-Touch
10.2 = Constant-Touch
Release "**1**" button. Press and hold "**1**" button again until the desired setting is reached. Once the chosen setting is displayed, release the button and wait about 5 seconds for the display to return to "RST".

Finish the **reset** process by pressing and holding the DOWN button until the desk lowers a little bit more, slightly rises and stops. Release the button. The new setting is saved and your desk is now ready to use.

Setting the memory preset buttons

◆ Setting the memory preset buttons :

Pressing UP/DOWN button to the desired height, then press "M" button , the display will change to "S hyphen".
Then select and press one of the memory buttons"1", "2", "3" or "4". The position has been saved.

Using the UP/DOWN buttons, move the base to the next desired position and repeat the process to set another desired height.

AIS HAT PROGRAMMING INSTRUCTIONS

◆ **Changing the anti-collision sensitivity;**

Press the DOWN button on the Handset until the base reaches its lowest position. Press and hold the DOWN button again until the LED display reads "RST".

Press and hold the "UP" button (about 5 seconds) while the LED flashes "RST" and then switches to either:
10.5 = 10 kg. pressure (most sensitive)
10.6 = 15 kg pressure (middle setting)
10.7 = 20 kg pressure (least sensitive)
Release the "UP" button . Press and hold the "UP" button again until the desired setting is reached. Once the chosen setting is displayed, release the button and wait about 5 seconds for the display to return to "RST".

Finish the **reset** process by pressing and holding the DOWN button until the desk lowers a little bit more, slightly rises and stops. Release the button. The new anti-collision sensitivity setting is saved and your desk is now ready to use.

◆ **Changing LED No. between inches & centimeters;**

Press the DOWN button on the Handset until the base reaches its lowest position. Press and hold the DOWN button again until the LED display reads "RST".

Press and hold the 2 button (about 5 seconds) while the LED flashes "RST" and then switches to either:
10.3 = cm
10.4 = inches
Release the 2 button. Press and hold the 2 button again until the desired setting is reached. Once the chosen setting is displayed, release the button and wait about 5 seconds for the display to return to "RST".

Finish the **reset** process by pressing and holding the DOWN button until the desk lowers a little bit more, slightly rises and stops. Release the button. The new setting is saved and your desk is now ready to use.