XSEDE® Height Adjust

User manual for
ECS+ Handset Display

This manual is a quick guide of the functionality for the ECS+ Handset Display

This handset is intended to be used with ECS+ control box only
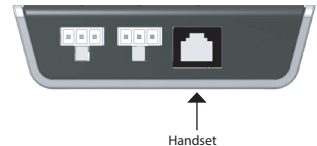
Mount the handset

Use the 2 attached screws for fixing to the table top. If the thickness of the table top is less than 0,72 inch (18mm) please use shorter screws.
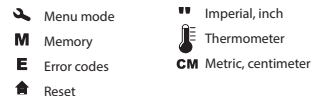
Connect the handset

Connect the cable to the ECS+ box.

Handset

Handset layout

Display   Up   Down

Display layout

Explanation of the symbols.

	Menu mode		Imperial, inch
M	Memory		Thermometer
E	Error codes	CM	Metric, centimeter
	Reset		

10 sec –sleep mode

The display will go to sleep mode after 10 sec of inactivity.

Settings

By pressing ▲ Up and ▼ Down buttons simultaneously you enter the Settings menu.

You are now able to step between the Settings menu with the ▲ Up and ▼ Down button.

To exit the menu, just step all the way down by pressing the ▼ Down button a number of steps.

The Settings menu have the following steps in this order:

Err
ECS
SOF
rES
SL
SU
CAL
Un   – Settings menu entry level
Exit

To enter a menu, press ▲ Up and ▼ Down but- ton simultaneously.

To adjust value, press ▲ Up or ▼ Down button.

To save and/or exit setting, press ▲ Up and ▼ Down buttons simultaneously.

Start up

Initial display communication "view." Under normal condition the display automatically shows the layout as below in 2 to 5 sec.

252

If the system is in reset mode the reset icon will be visible.

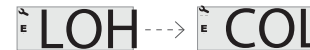If that case, press the ▼ Down button until the the symbol goes away.

Err - Error logs

Err for Error, will open error statistics menu, where you are able to see the number of error situations encountered.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings menu. Press ▲ Up button until you reach Err.

To enter, press ▲ Up and ▼ Down button simultaneously.

Browse through the codes with the ▲ Up and ▼ Down buttons.

LOH   Leg Over Heat - a motor have been over-hea ted this number of times
COH   Car d Over Heat - the ECS box have been overheated this number of times
COL   Collition detection - executed this number of times
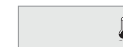tot   Total adjusted distance

The error counter is stored in the ECS box, so it is not important if this Display Handset have recently been attached to the system or not.

Error codes

1.   Hard stop
2.   Back off
3.   Soft stop
4.   Waiting for button
5.   Waiting for button release
6.   Motor lost
7.   Overcurrent
8.   Overheating. Thermometer flashing, wait 10 minutes for motor cooling
9.   Low voltage (under 16vdc)
10.   High Voltage (over 40vdc)
11.   Motors far apart /sync error
12.   Destination above upper limit
13.   Destination below lower limit
14.   Internal error
15.   Collision detected by sensor

Default error code example

Error code 8, flashing thermometer

ECS

ECS for ECS Software, will show the software version of the ECS box. Version is shown as Year and Week. YW.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings menu. Press ▲ Up button until you reach ECS.

To enter, press ▲ Up and ▼ Down buttons simultaneously. The version of the software is now shown on the display.

1608

To exit setting, press ▲ Up and ▼ Down buttons simultaneously.

SOF - Software

SOF for Software, will show the software version installed in the handset. Version is shown as Year and Week. Y.W.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings menu. Press ▲ Up button until you reach SOF.

`SOF`

To enter, press ▲ Up and ▼ Down button simultaneously. The version of the software is now shown on the display.

`16.22`

To exit setting, press ▲ Up and ▼ Down buttons simultaneously.

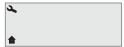## rES - Reset

rES for Reset, will force the sytem into Reset mode.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings Menu. Press ▲ Up button until you reach rES.

`rES`

To enter, press ▲ Up and ▼ Down buttons simultaneously.

Press the ▼ Down button and hold until the columns have reached the lowest position.

SL - Simple Memory Lower

SL for Simple Memory Lower. You are able to set a stored Simple Memory for the Down button. The desk will stop at this set height when driving downwards.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings menu. Press ▲ Up button until you reach SL.

`SL`

To enter, press ▲ Up and ▼ Down buttons simultaneously.

`74.2 CM`

When you are in SL mode the height numbers flashes and your current Lower limit is shown on the display.

If you want to adjust the height, use the ▲ Up and ▼ Down buttons to change the value.

To save and/or exit setting, press ▲ Up and ▼ Down buttons simultaneously.

SU - Simple Memory Upper

SU for Simple Memory Upper. You are able to set a stored Simple Memory for the Up button. The desk will stop at this set height when driving upwards.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings menu. Press ▲ Up button until you reach SU.

`SU`

To enter, press ▲ Up and ▼ Down buttons simultaneously.

`109.0 CM`

When you are in SU mode the height numbers flashes and your current Upper limit is shown on the display.

If you want to adjust the height, use the ▲ Up and ▼ Down buttons to change the value.

To save and/or exit setting, press ▲ Up and ▼ Down buttons simultaneously.

CAL - Calibration

CAL for Calibration, you are able to adjust the height value in the display to correspond to actual height of table top on this particular setup.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings menu. Press ▲ Up button until you reach CAL.

`CAL`

To enter, press ▲ Up and ▼ Down buttons simultaneously.

`74.2 CM`

When you are in calibration mode the height numbers flashes and you are able to drive the value ▲ Up or ▼ Down until shown height correspond to the actual heigth of the desk at that time.

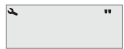To save and/or exit setting, press ▲ Up and ▼ Down buttons simultaneously.

Un - Units

Un for Units, this is where you change preferred unit, cm or Inch.

Press ▲ Up and ▼ Down buttons simultaneously to enter the Settings menu.

`Un`

To enter, press ▲ Up and ▼ Down buttons simultaneously.

`CM`

`"`

Choose between the units with the ▲ Up and ▼ Down buttons.

To save and/or exit setting, press ▲ Up and ▼ Down buttons simultaneously.

Shortcut functionality

The system also have a shortcut functionality for setting memory position and to enter reset mode.

Upper and Lower limit

To store the current height as a Simple Memory, press ▲ Up and ▼ Down buttons simultaneously 3 times in fast sequence. This will show a S in the display.

`S`

You are now able to store this position as a Lower or Upper limit by pressing one of the buttons.

Press ▲ Up button to store Upper limit *or* Press ▼ Down button to store Lower limit.

Reset mode

Press and hold ▲ Up and ▼ Down buttons simultaneously for 8 seconds, this will initiate the Reset mode.