

Antenna Digital Control Switch User Manual



For Use with Tone and Antenna Telescope

Knoll

Installation

Attach the Switch to the underside of the table top using the two provided screws. If the worksurface thickness is less than 3/4", use shorter screws (not provided).



Connect

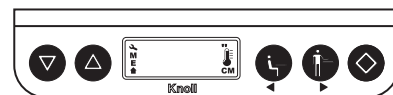
Connect the cable to the switch using either of the connector ports.



2

Button Guide

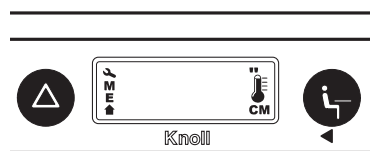
- Adjust the table upwards
- Scroll up when in the Menu
- Adjust the table downwards
- Scroll down when in the Menu
- Adjust the table to preset sitting position
- Scroll to left in the Menu
- Adjust the table to preset standing position
- Scroll to right in the Menu
- Menu, to enter Menu mode
- Enter, when in Menu mode



3

Symbol Guide

Layout of symbols on display



Understanding the symbols

- | | | | |
|--|-------------|--|--------------------|
| | Menu mode | | Imperial, inch |
| | Memory | | Thermometer |
| | Error codes | | Metric, centimeter |
| | Reset | | |

4

Start Up

Once connected, a height read-out should appear on the display.



Occasionally, the Switch starts in Reset mode. If this happens, the display will show three dashes. Proceed to step 6C.



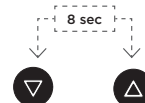
5

Perform Reset

Critical step. At installation or if a critical component such as a column or motor is changed or disconnected, a Reset must be performed.

A. Ensure that the area around and under the table is clear.

B. Press both the Up and Down buttons at the same time for 8 seconds and then release.



C. Immediately press and hold the Down button until the table reaches its lowest position and stops moving.

Release the Down button. The 3 dashes on the display, indicating the switch is in Reset mode, will be replaced by a height read-out.



6

Calibrate

Measure the distance between the floor and the top of the table top.

Press the Menu button and then press the Stand/Right Arrow button twice to navigate to the Calibration menu.



Press the Menu button to program.



Press the Up or Down buttons to display the measured table height



Press the Menu button to store this setting. Display will exit Calibration mode after ten seconds.



7

Quick Sit and Quick Stand

To Program the Quick Sit Button:

Move the table to seated height. Press and hold the Menu button for 3 seconds.



Release the Menu button and immediately press the Sit button.



To Program the Quick Stand Button:

Move the table to standing height. Press and hold the Menu button for 3 seconds.



Release the Menu button and immediately press the Stand button.



8

Upper limit

Set an upper limit when planning over-head storage.

Press the Menu button and then press the Stand/Right Arrow button three times to navigate to the Upper Limit setting.



Press the Menu button to program.



Press the Up or Down buttons until the display shows the maximum desired height of the table.



Press the Menu button to store this setting.



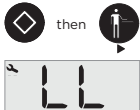
The Switch must be calibrated before performing this step.

9

Lower limit

Set a lower limit when planning with lower storage under the table.

Press the Menu button and then press the Stand/Right Arrow button four times to navigate to the Lower Limit setting.



Press the Menu button to program.



Press the Up or Down buttons until the display shows the minimum desired height of the table.



Press the Menu button to store this setting.



The Switch must be calibrated before performing this step.

10

Accessing Preset 3 - 5

Press the Menu button once. The Memory mode icon will appear in the top left corner.



Use up or down buttons to navigate to stored positions 3, 4 or 5.



Press and hold the Menu button while the table moves to the stored position.



11

Setting Positions 3 - 5

Move the table to desired height for position 3. Press the Menu button once and immediately press the Stand/Right Arrow button once. The Menu mode icon will appear in the top left corner.



Press the Up button until the display reads 3.



Press Menu button to store position.



The display will confirm the setting by flashing three times. Repeat steps above for positions 4 and 5, navigating to Presets 4 and 5 respectively.

12

Units

Change between metric or Imperial units.

Press the Menu button and then press the Stand/Right Arrow button five times to navigate to the Units menu



Press the Menu button to program this setting



Use the Up or Down buttons to toggle between CM or "



Press the Menu button to store the desired units.



13

Performing a Forced Reset

If Step 6 does not initiate a Standard Reset, perform a Forced Reset.

A. Ensure that the area around and under the table is clear.

B. Press the Menu button and then press the Stand/Right Arrow button six times to navigate to the Reset menu.



C. Press the Menu button to initiate the Forced Reset.



D. Immediately press and hold the Down button until the table reaches its lowest position and stops moving.

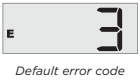


Release the Down button. The 3 dashes on the display, indicating the switch is in Reset mode, will be replaced by a height read-out.

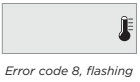
14

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

15