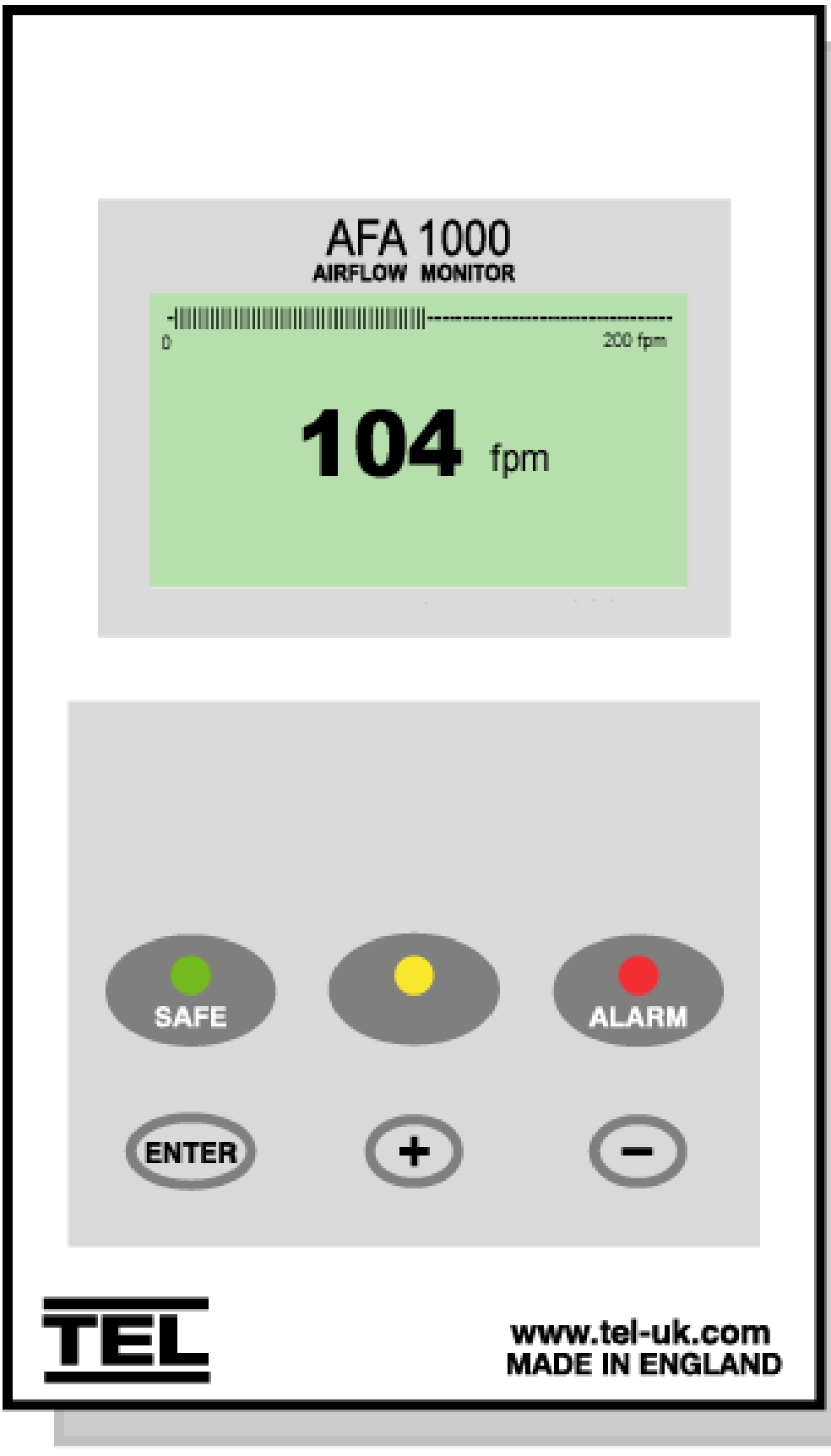
Issue: Jan 2008
Version V 3.4_M

AFA 1000 / 1
AIRFLOW MONITOR

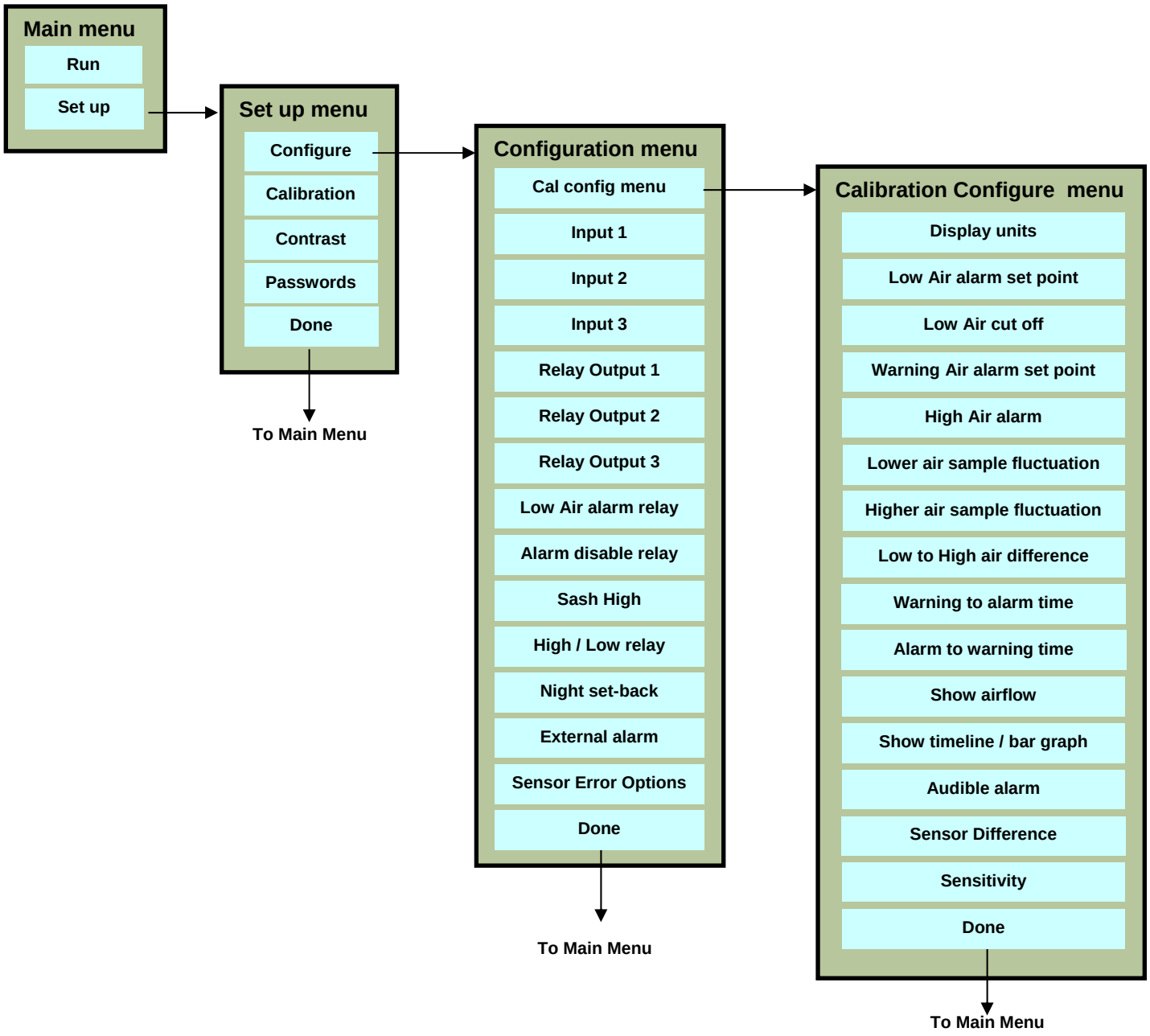
Menu Block Diagrams

www.tel-uk.com

AFA1000 / 1


AFA 1000
AIRFLOW MONITOR
0
200 fpm
104 fpm
SAFE
ALARM
ENTER
+
−
TEL
www.tel-uk.com
MADE IN ENGLAND

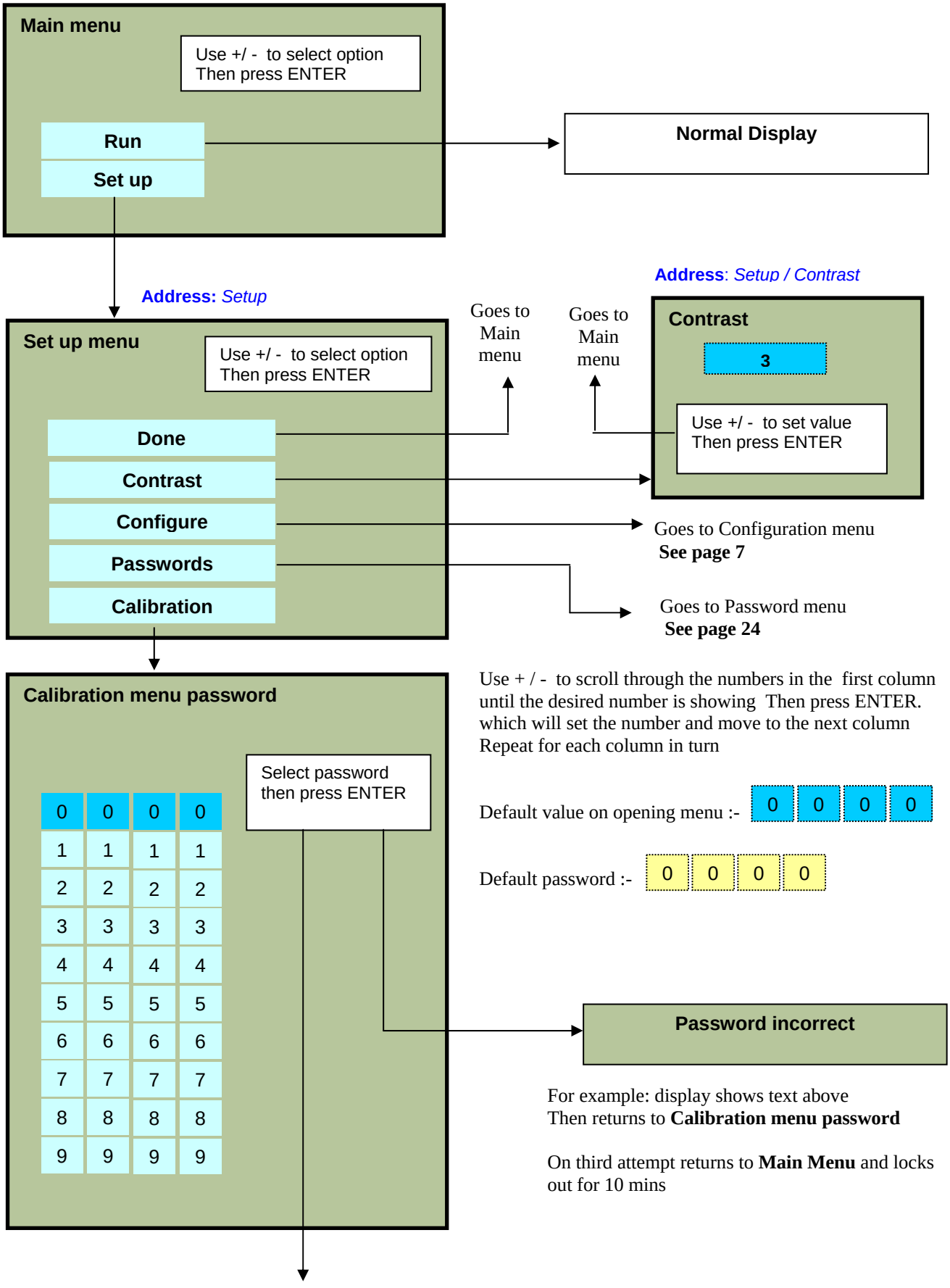
Menu Overview



Notes :-

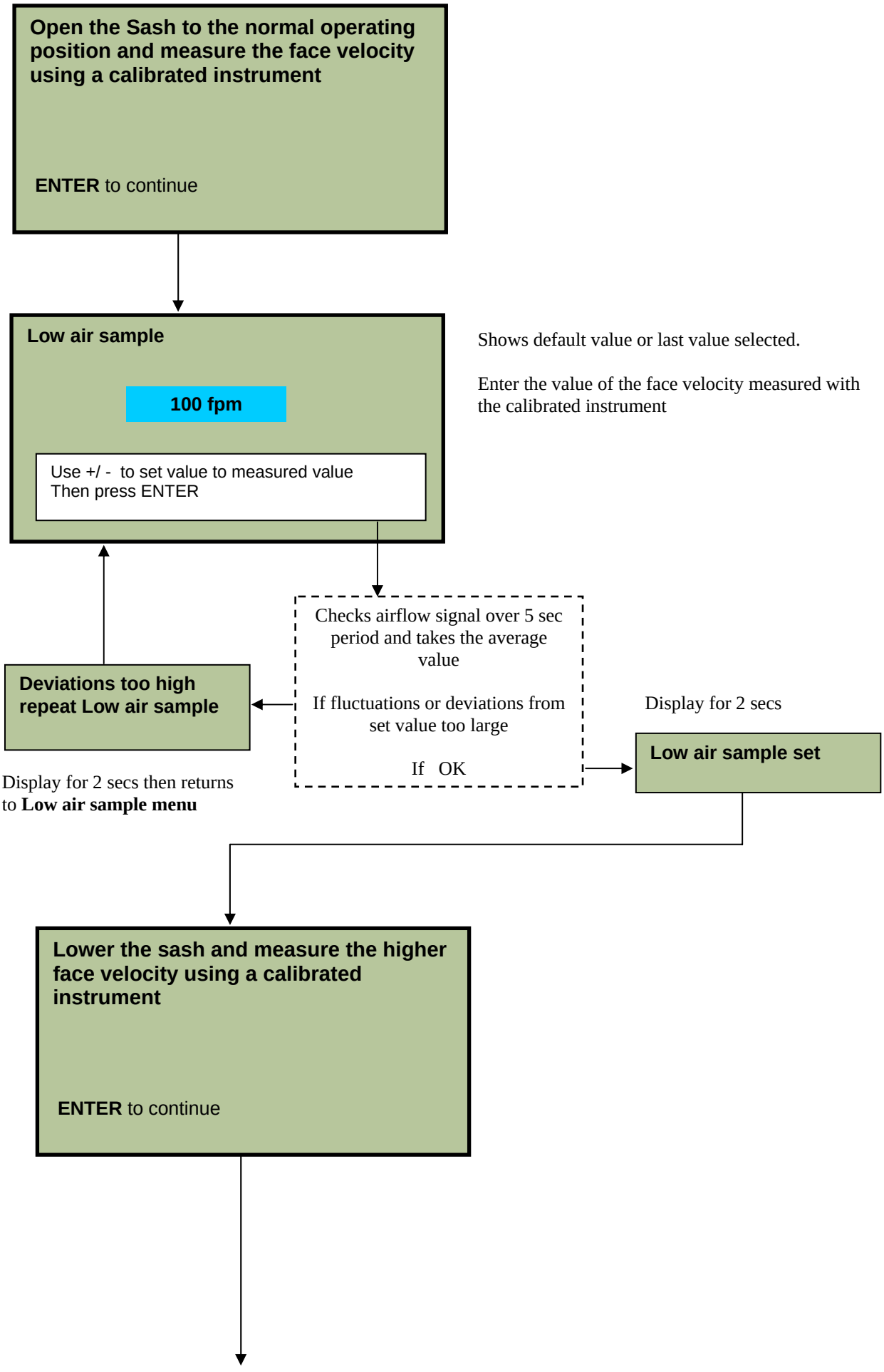
1. Password required to enter **Configuration Menu** , **Calibration Configure Menu** and **Passwords Menu. (** All the factory default passwords are set to 0000.)
2. In the event of error when the 'password' is requested press the +/- buttons together at the same time to return to the Main Menu.
3. For **Calibration** of the alarm – follow the instructions displayed on the LCD screen.
4. **Read the AFA1000 / 1 Manual before attempting to change any of the parameters**

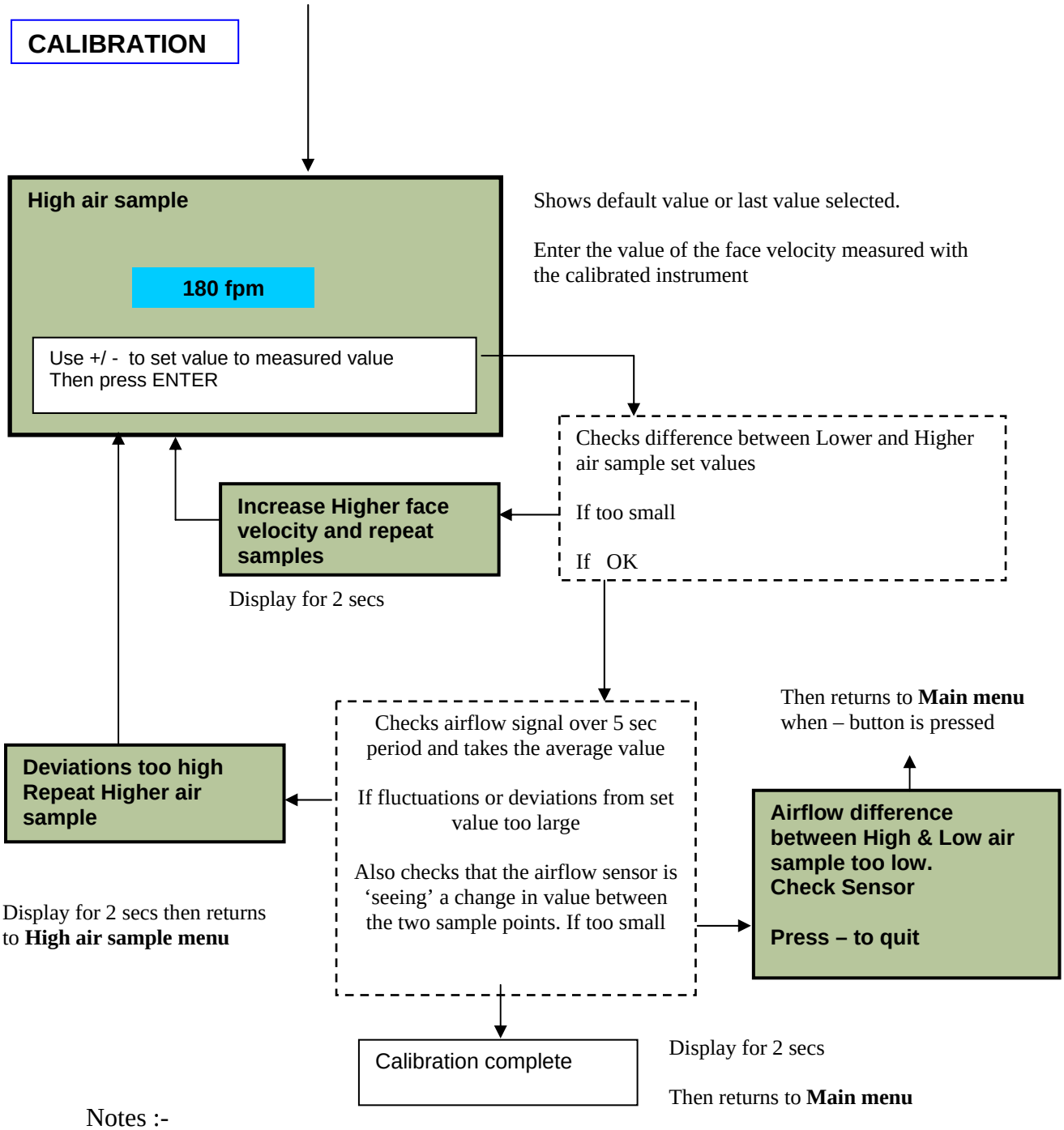
Press Enter pushbutton for 5 secs to go to Main Menu



CALIBRATION

Address: *Setup / Calibration*



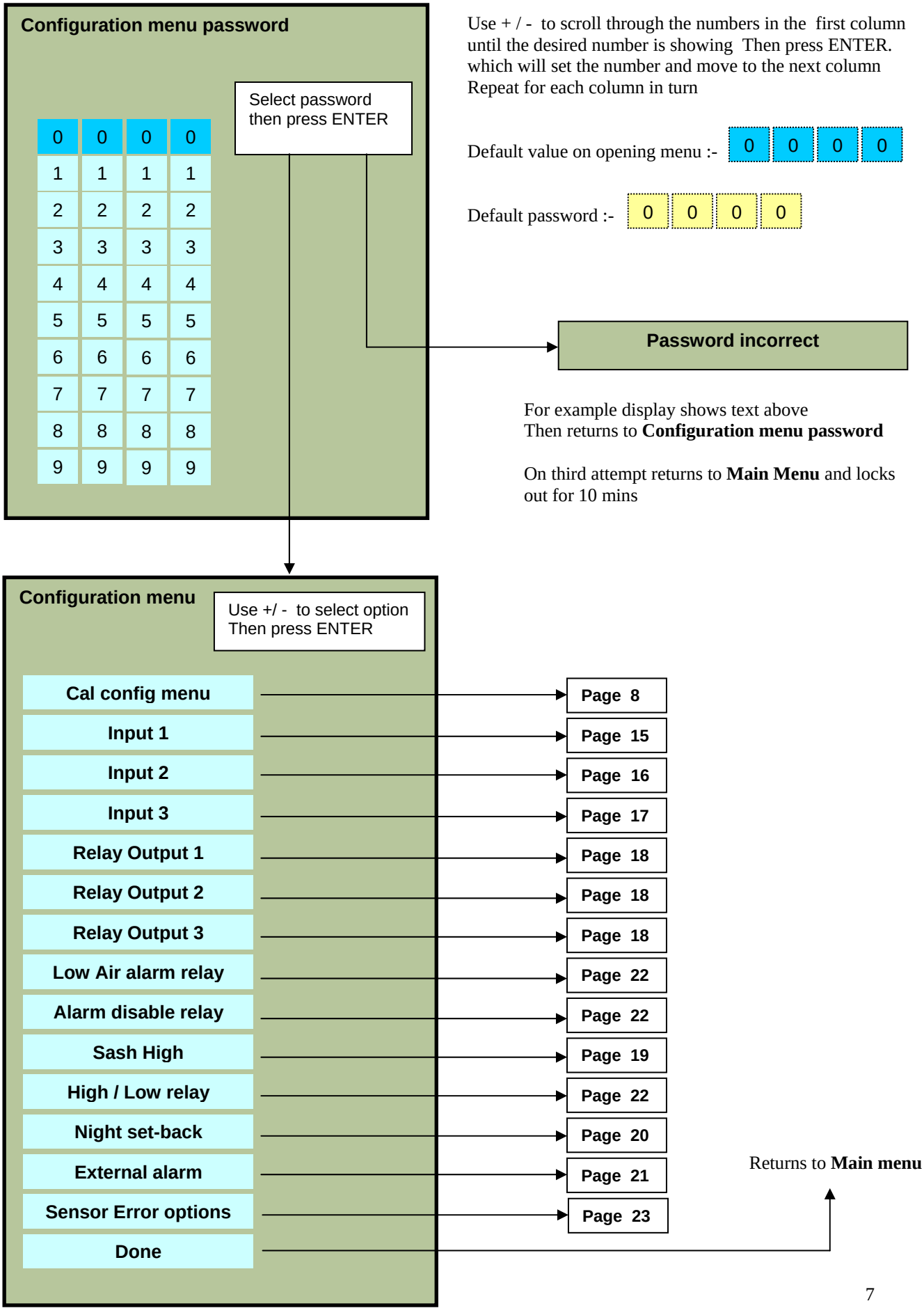


Notes :-

1. If the airflow is changing during the sampling period the unit will ask you to repeat the sample. If the changes are due to turbulence caused by draughts across the fume cupboard (fume hood) then this should be reduced before the next sample is taken. In extreme cases the percentage value of the acceptable fluctuations can be altered by gong to the **Configuration Menu / Cal Config** and adjusting the value of the **Low Air Fluc** or **High Air Fluc** values. (default setting 5%).
   Take care when adjusting these figures because too high a value will reduce the accuracy of the calibration.
2. If the 'Airflow differenc too low' message appears – check that the sensor is installed correctly with the 25mm tube connected.If the problem persists then contact our engineers for advice on the sensor installation
3. Take time when carrying out the Calibration procedure to allow the airflow sensor to stabilise at the two sampling values.

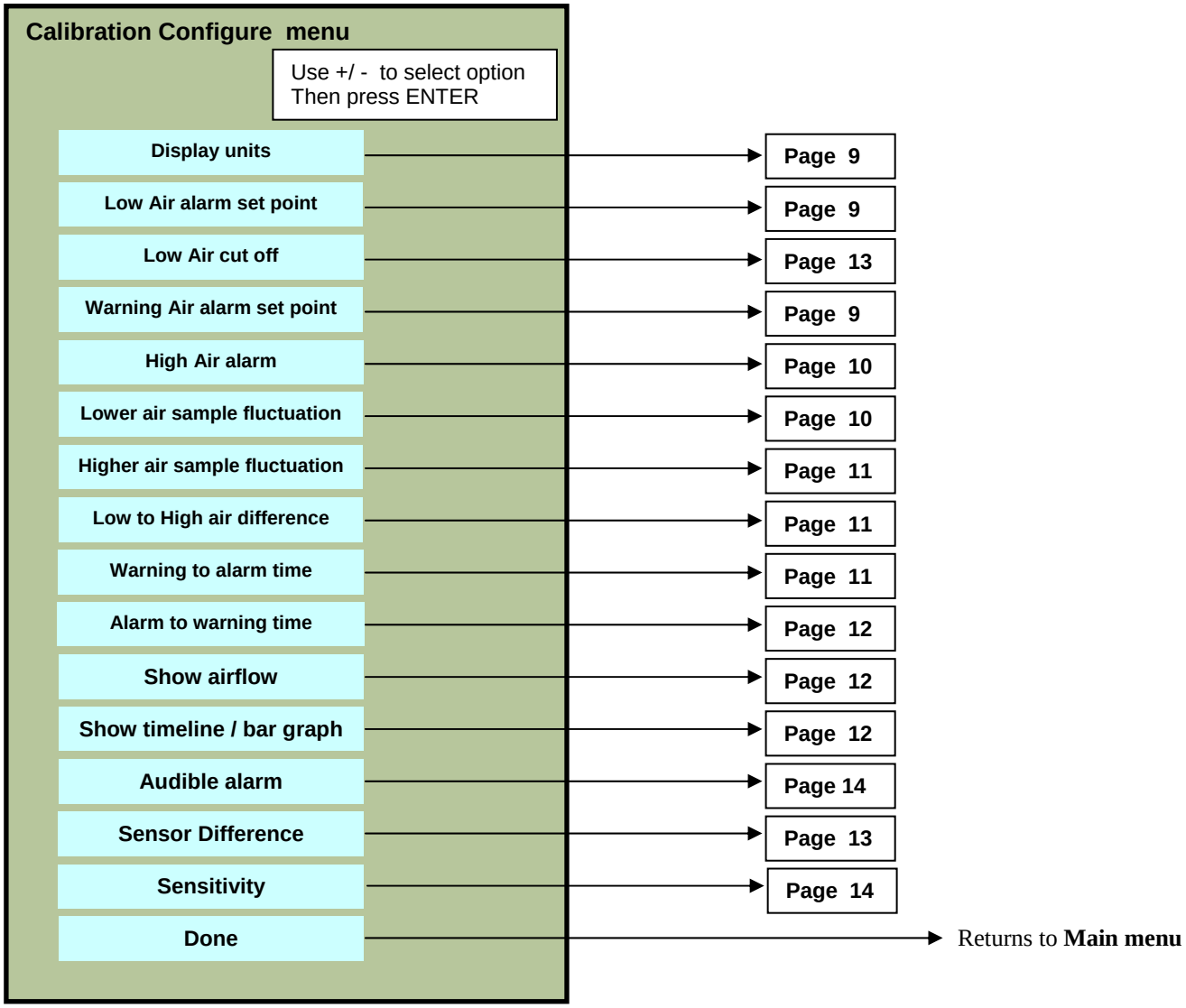
CONFIGURATION

Address: *Setup / Config*



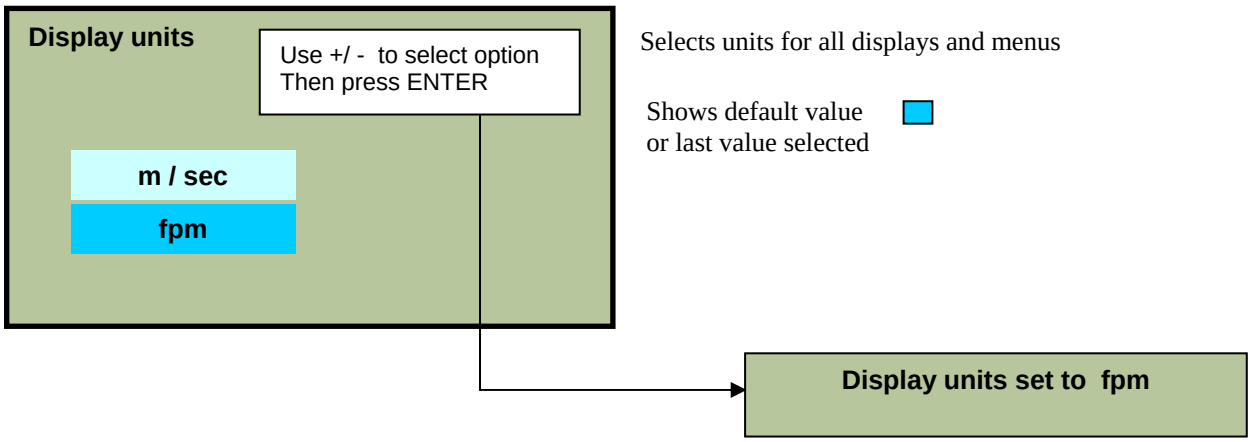
CONFIGURATION – Cal Configure

Address: *Setup / Config / Cal Config*



CONFIGURATION – Cal Configure

Address: *Setup / Config / Cal Config / Display Units*

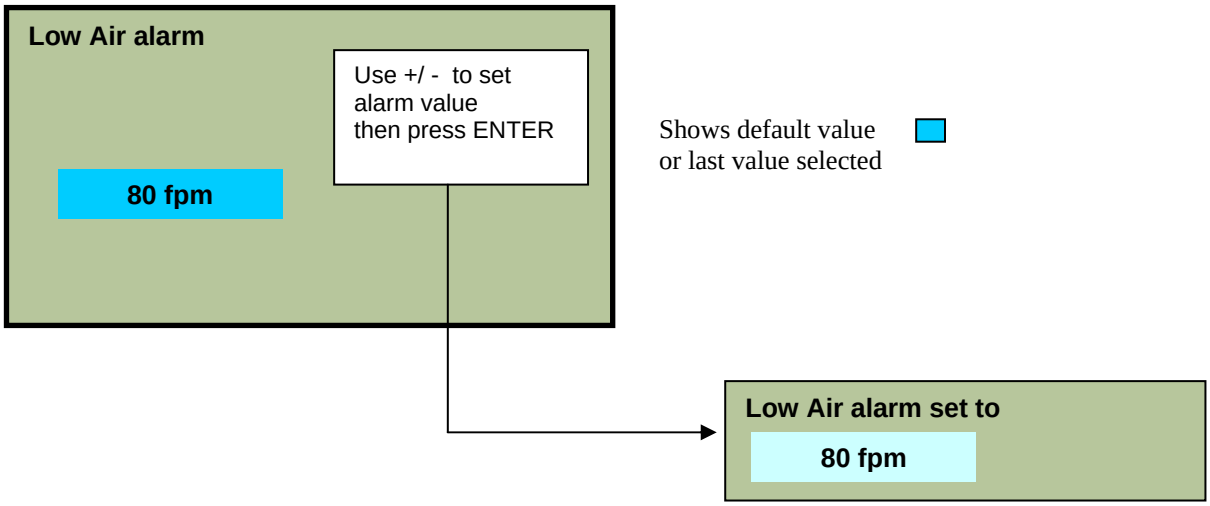


Selects units for all displays and menus

Shows default value ■
or last value selected

Shows text above for 2 secs
Then returns to **Calibration configure menu**

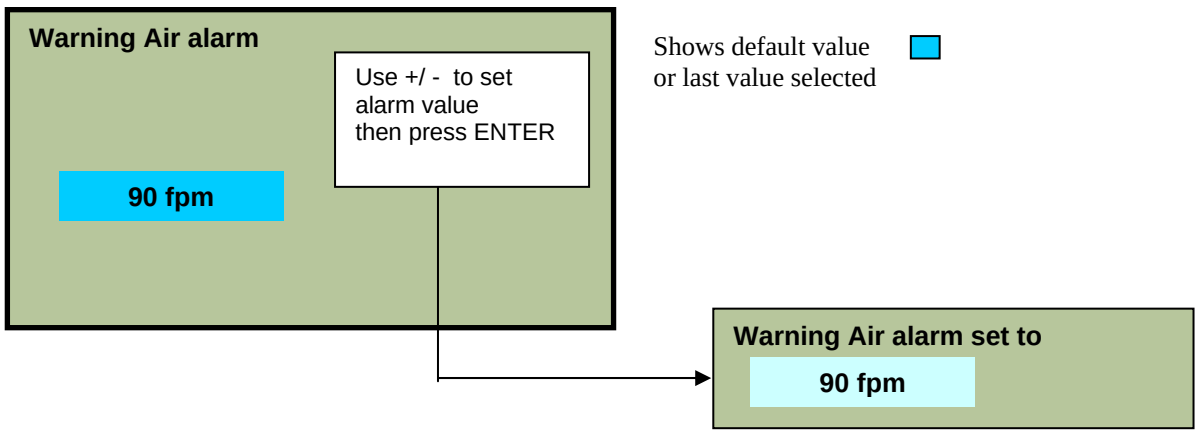
Address: *Setup / Config / Cal Config / Low Air Alarm*



Shows default value ■
or last value selected

Shows text above for 2 secs
Then returns to **Calibration configure menu**

Address: *Setup / Config / Cal Config / Warning Air* Alarm

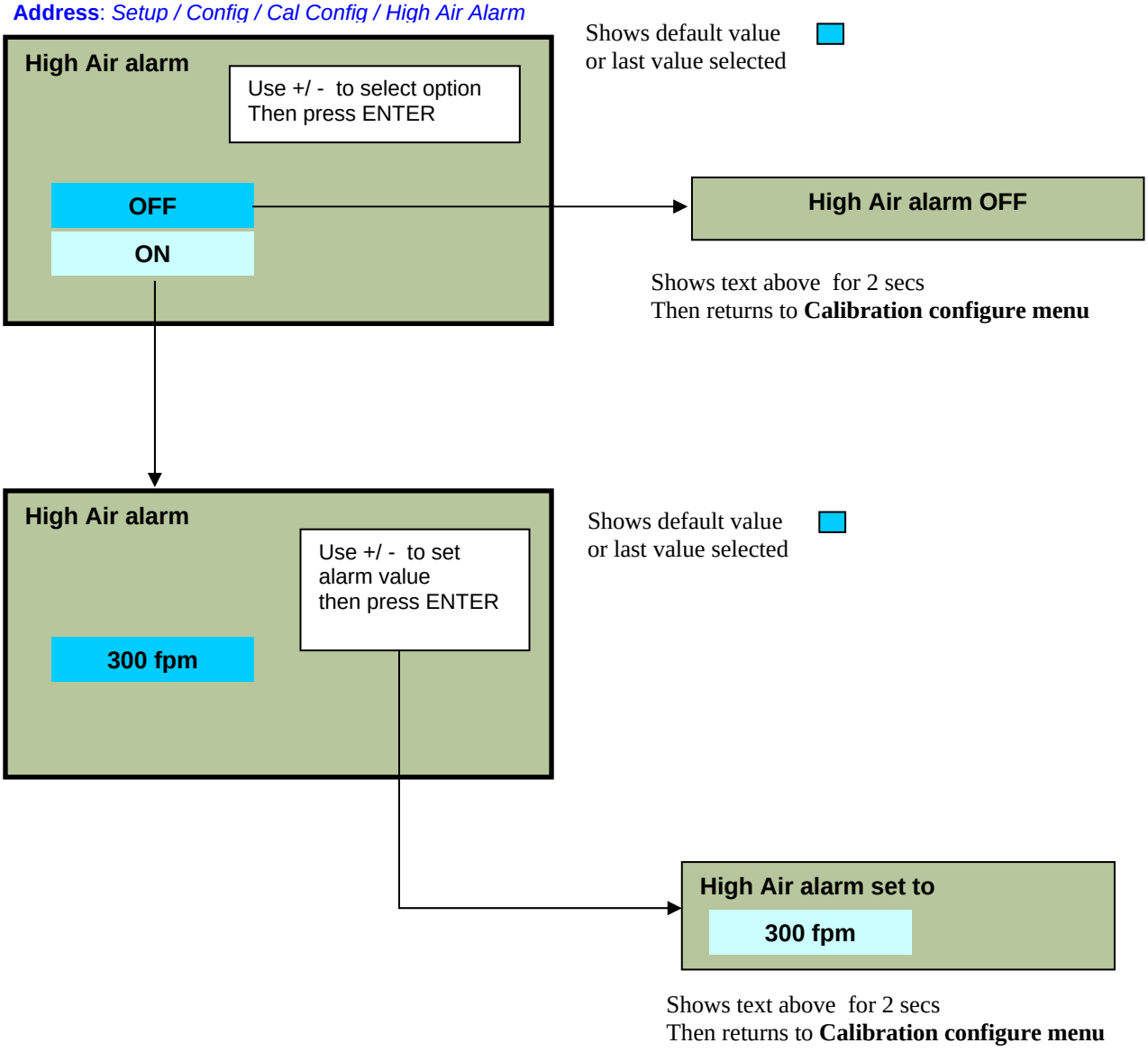


Shows default value ■
or last value selected

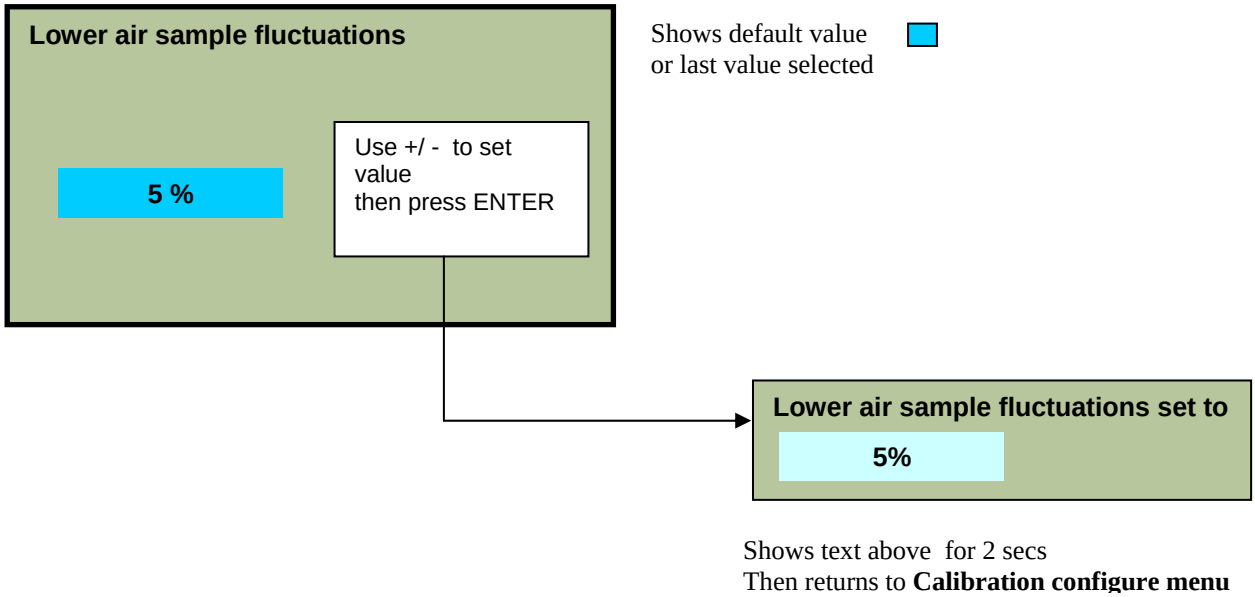
Shows text above for 2 secs
Then returns to **Calibration configure menu**

CONFIGURATION – Cal Configure

Address: *Setup / Config / Cal Config / High Air Alarm*

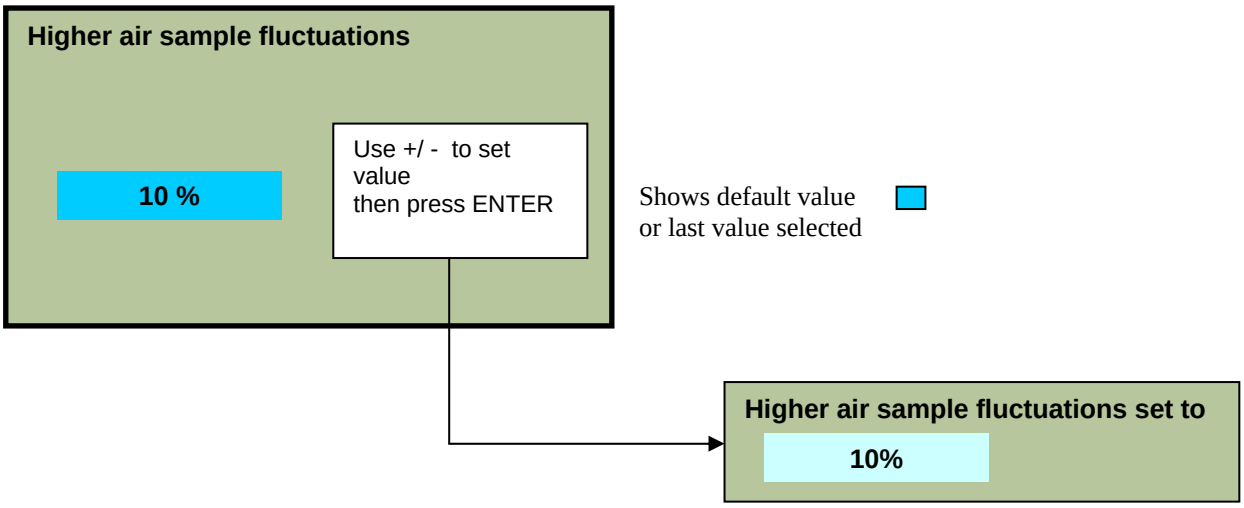


Address: *Setup / Config / Cal Config / Low Air Fluc*



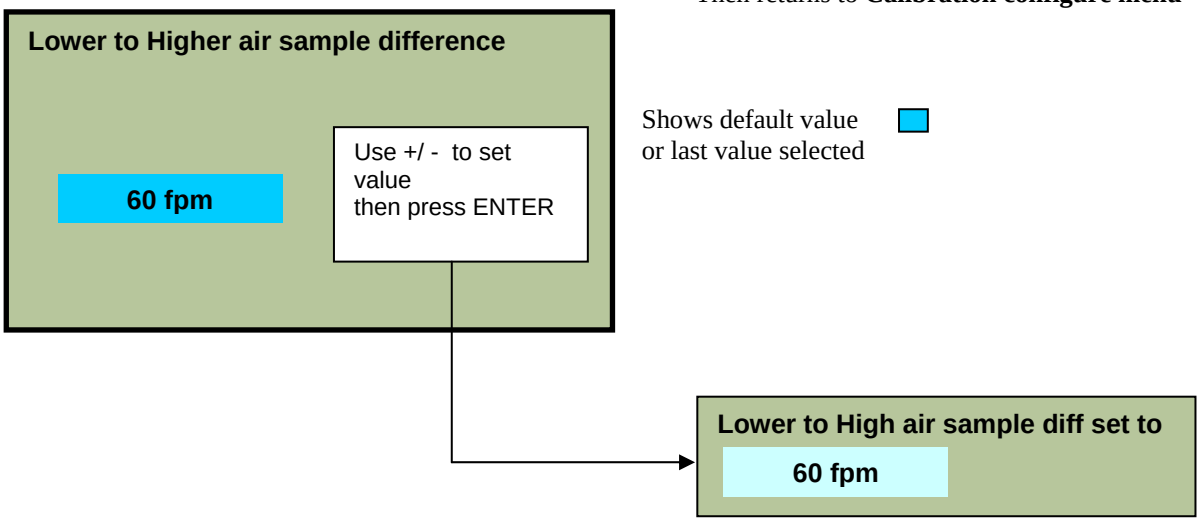
CONFIGURATION – Cal Configure

Address: *Setup / Config / Cal Config / High Air Fluc*



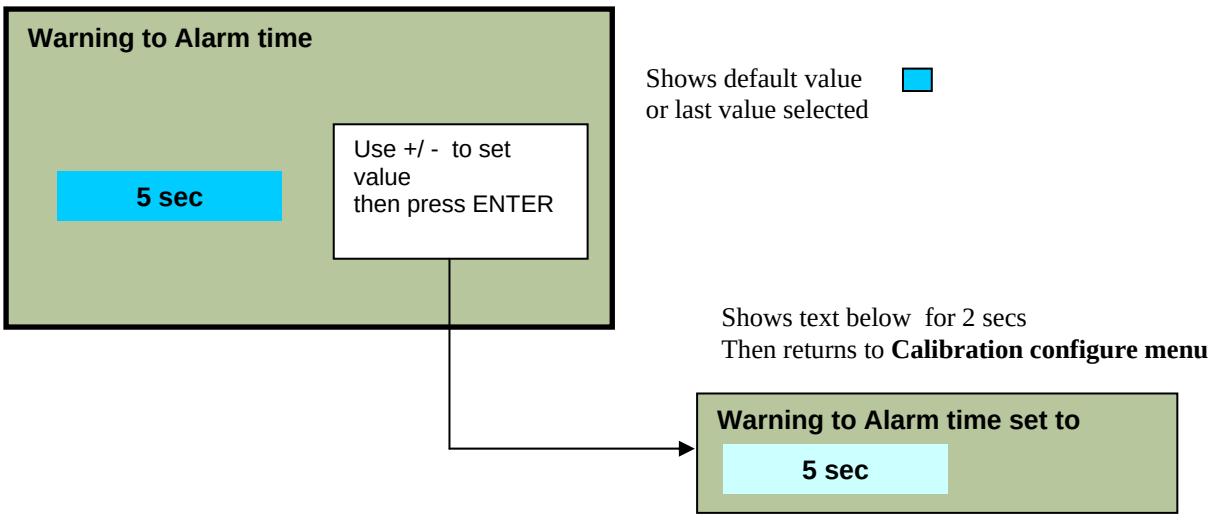
Shows text above for 2 secs
Then returns to **Calibration configure menu**

Address: *Setup / Config / Cal Config / Low High Diff*



Shows text above for 2 secs
Then returns to **Calibration configure menu**

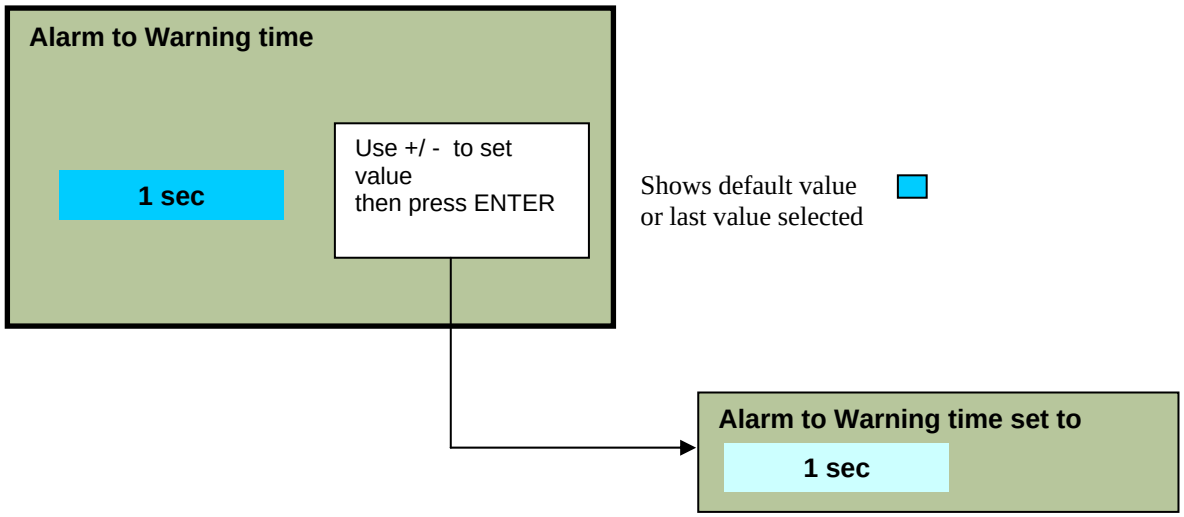
Address: *Setup / Config / Cal Config / Warning-Alarm* Time



Shows text below for 2 secs
Then returns to **Calibration configure menu**

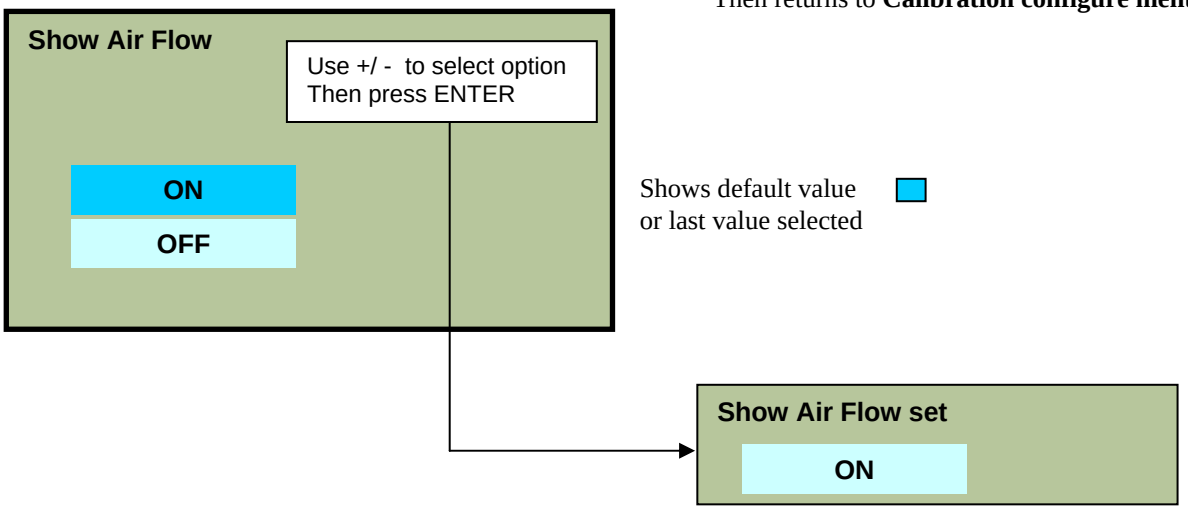
CONFIGURATION – Cal Configure

Address: *Setup / Config / Cal Config / Alarm-Warning Time*



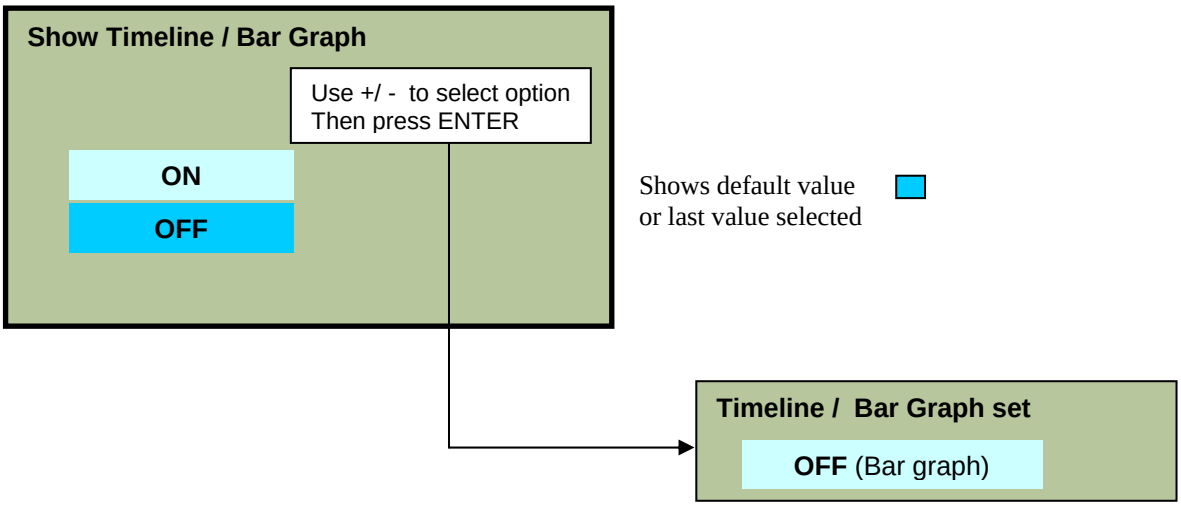
Shows text above for 2 secs
Then returns to **Calibration configure menu**

Address: *Setup / Config / Cal Config / Show Airflow*



Shows text above for 2 secs
Then returns to **Calibration configure menu**

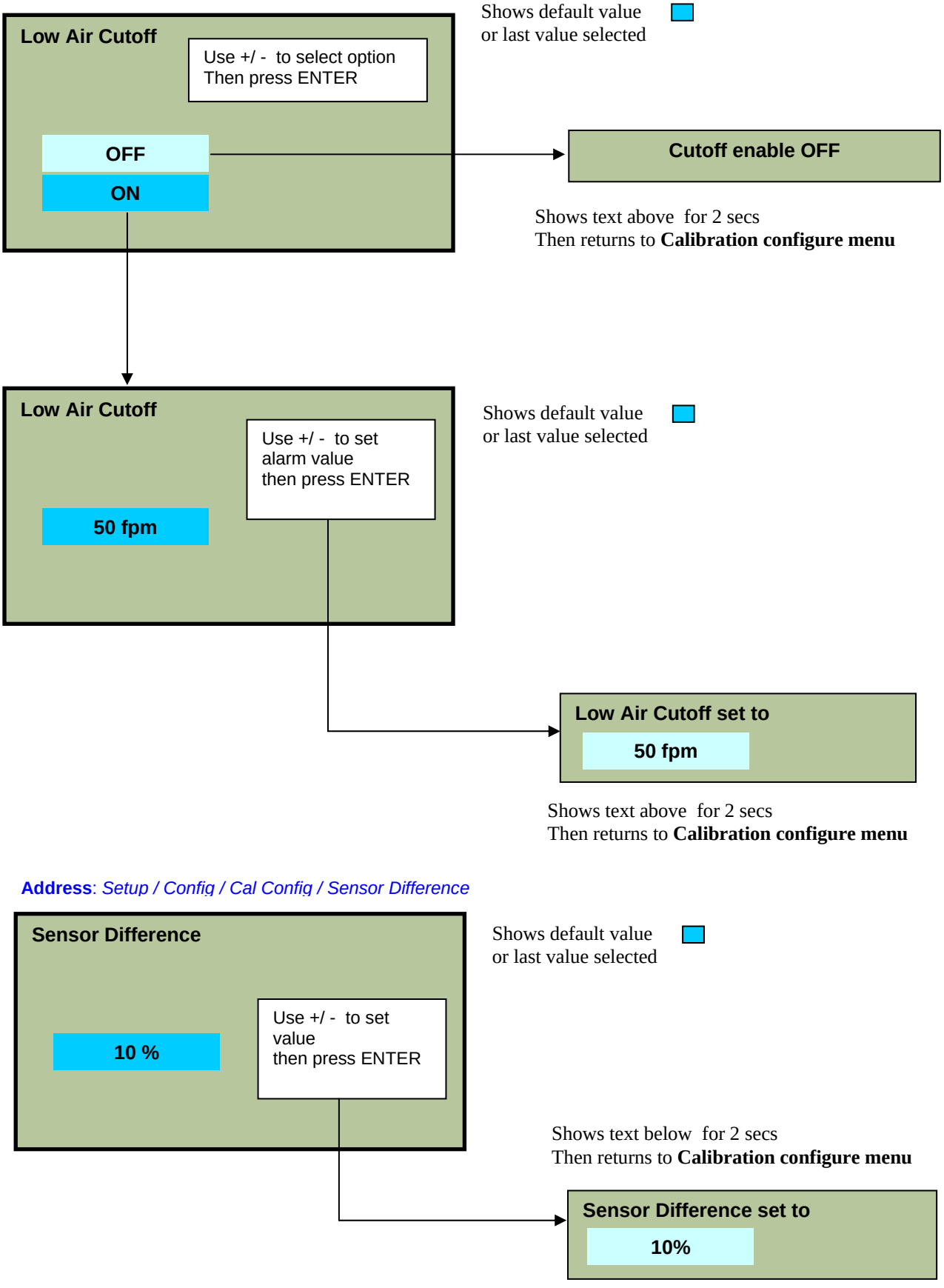
Address: *Setup / Config / Cal Config / Show Time* Line



Shows text above for 2 secs
Then returns to **Calibration configure menu**

CONFIGURATION – Cal Configure

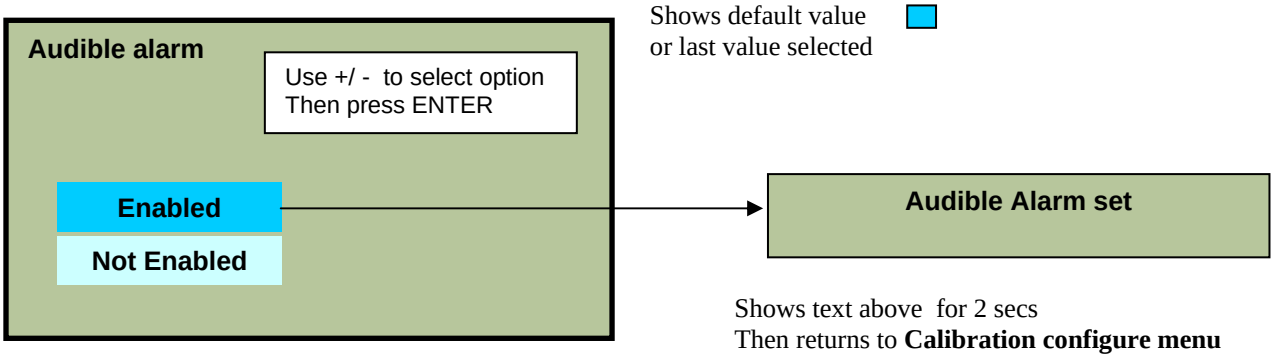
Address: *Setup / Config / Cal Config / Low Air Cutoff*



Address: *Setup / Config / Cal Config / Sensor Difference*

CONFIGURATION – Cal Configure

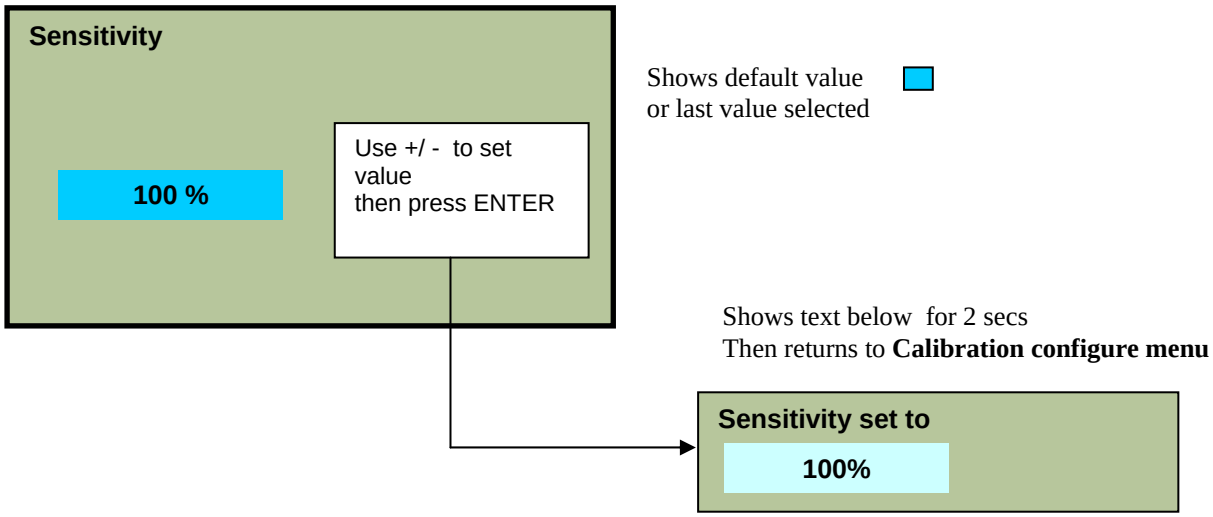
Address: *Setup / Config / Cal Config / Audible Alarm*



Shows default value or last value selected

Shows text above for 2 secs
Then returns to **Calibration configure menu**

Address: *Setup / Config / Cal Config / Sensitivity*

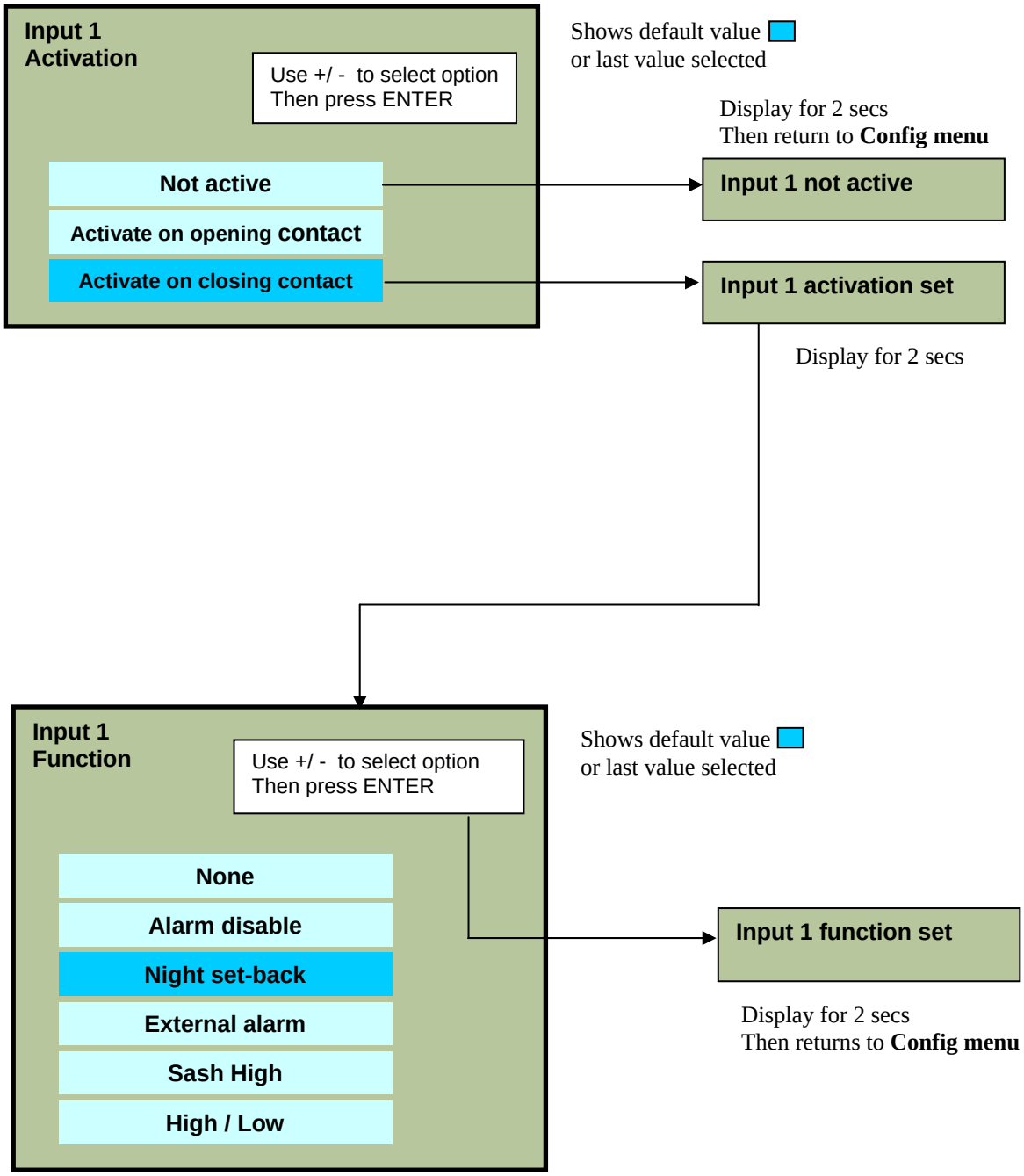


Shows default value or last value selected

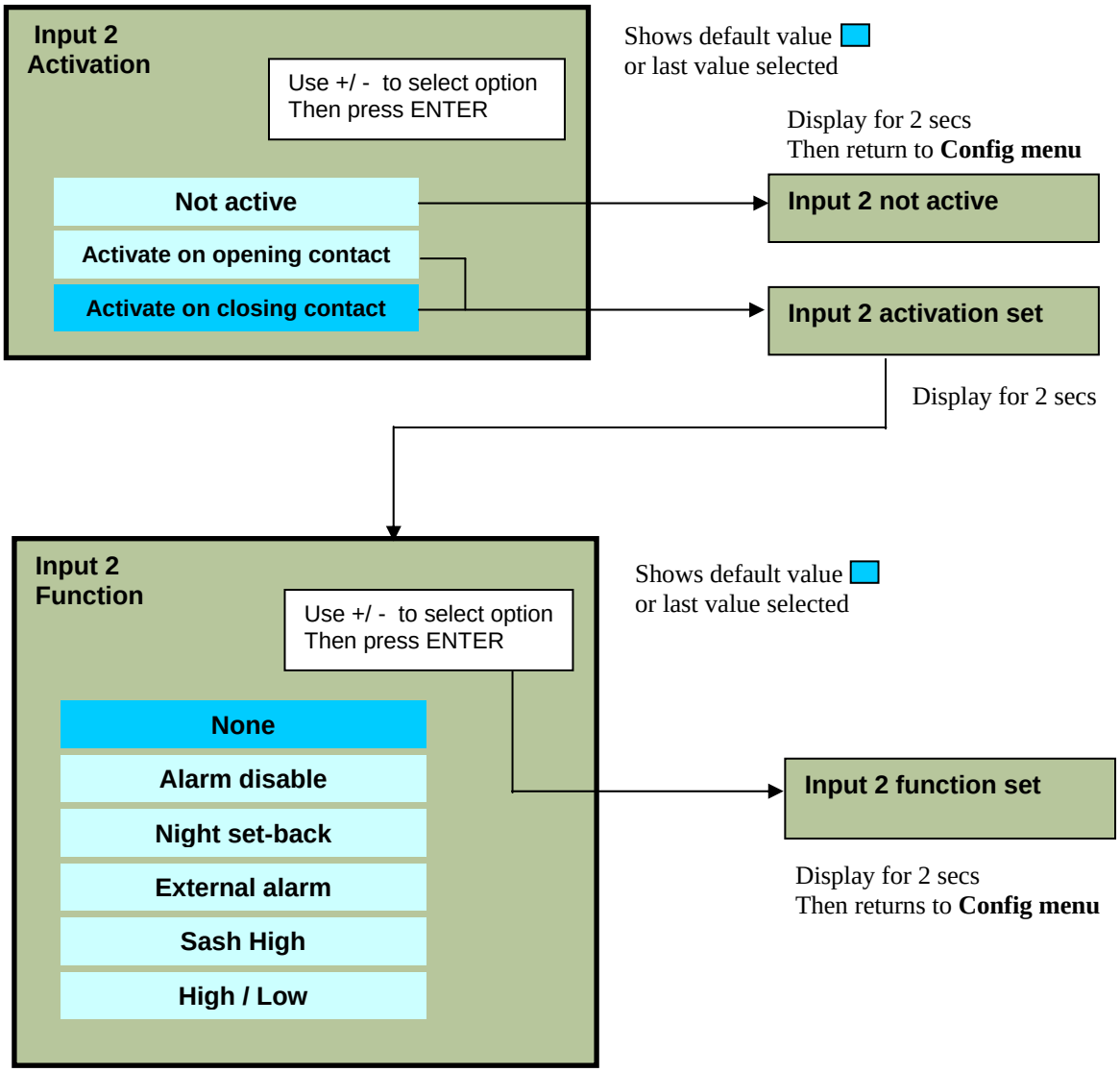
Shows text below for 2 secs
Then returns to **Calibration configure menu**

CONFIGURATION

Address: *Setup / Config / Input 1*

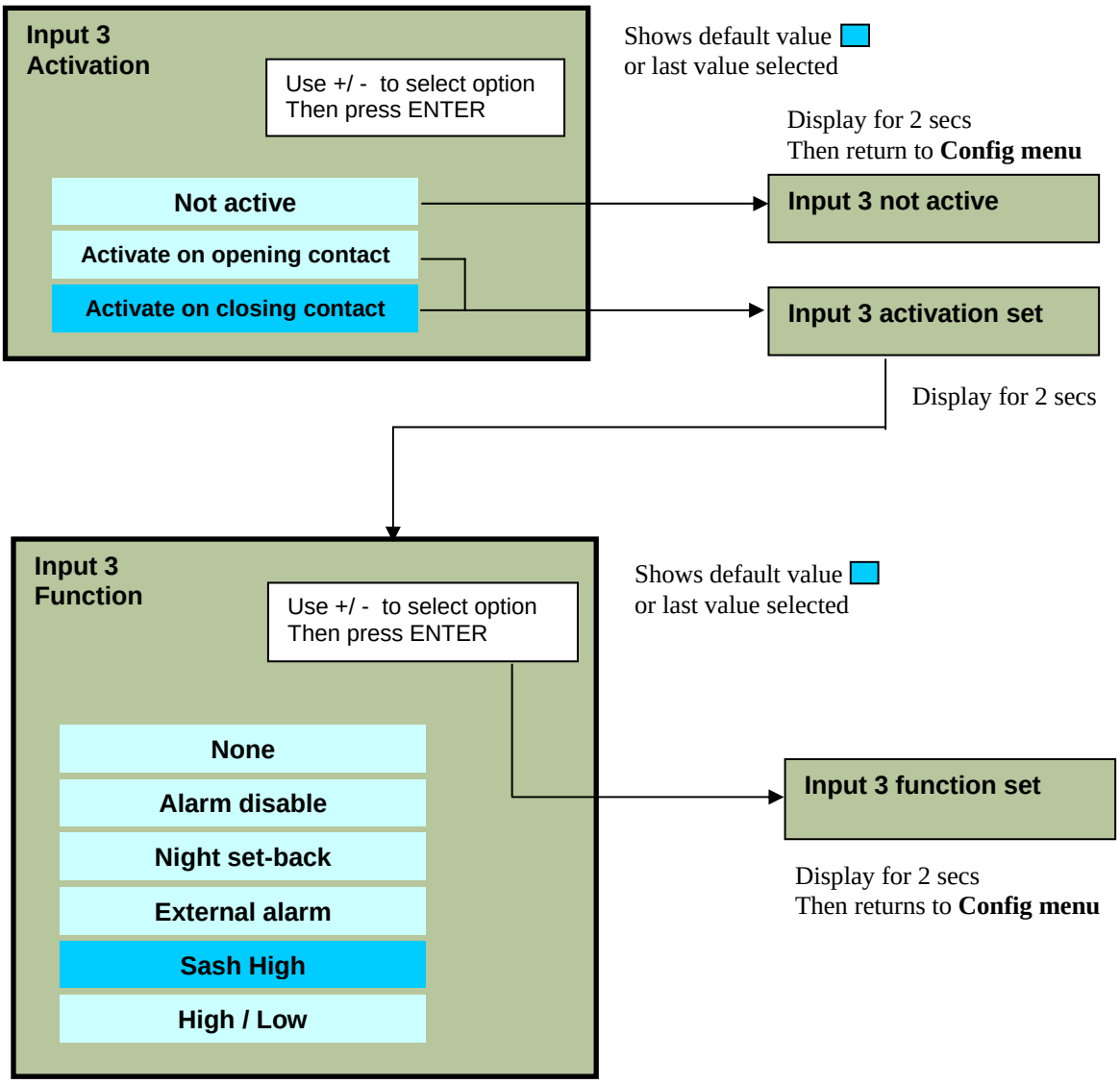


Address: *Setup / Config / Input 2*



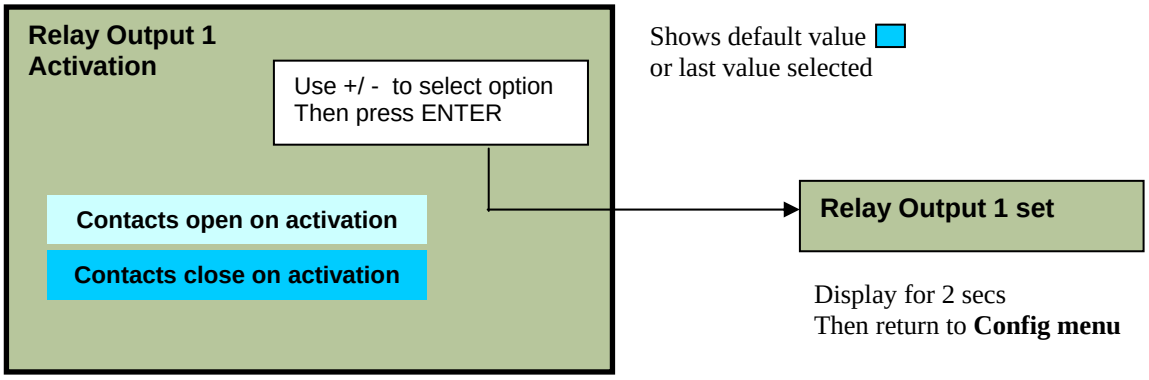
CONFIGURATION

Address: *Setup / Config / Input 3*

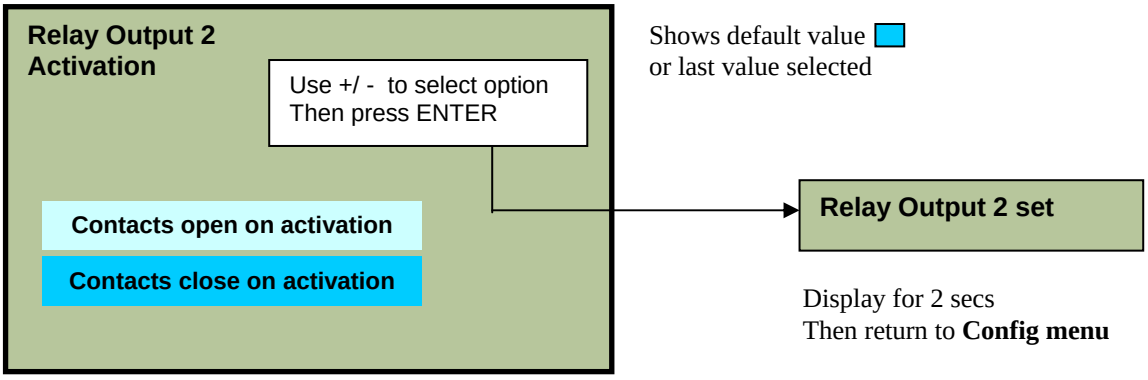


CONFIGURATION

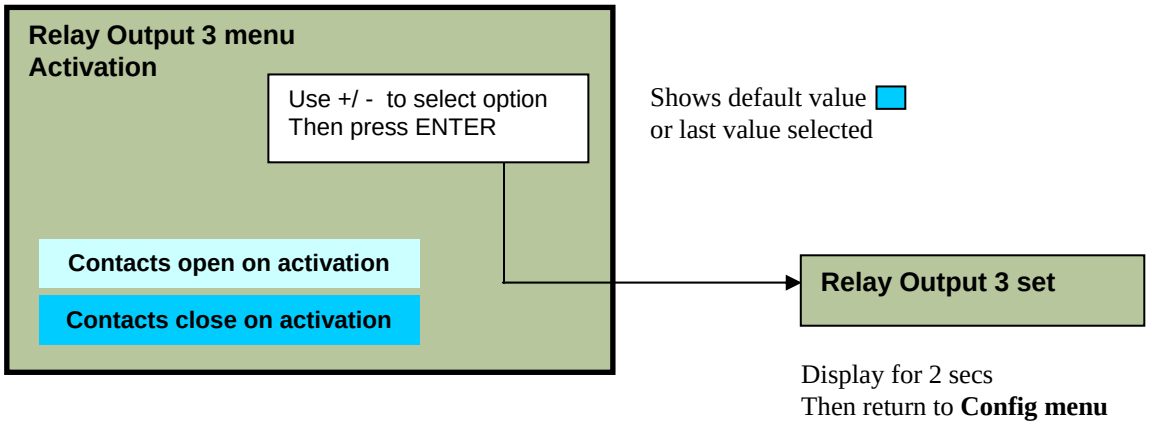
Address: *Setup / Config / Relay Output 1*



Address: *Setup / Config / Relay Output 2*

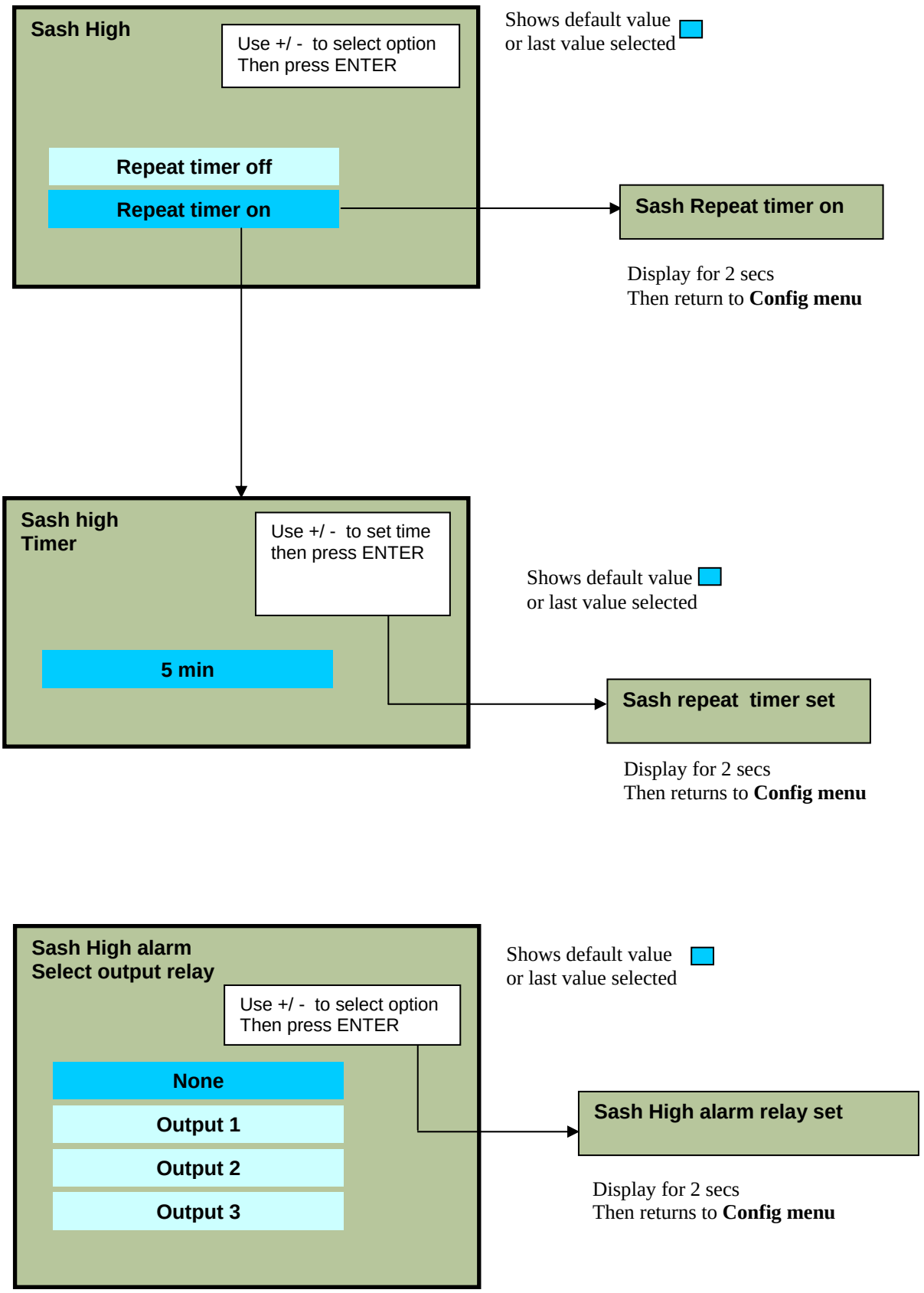


Address: *Setup / Config / Relay Output 3*

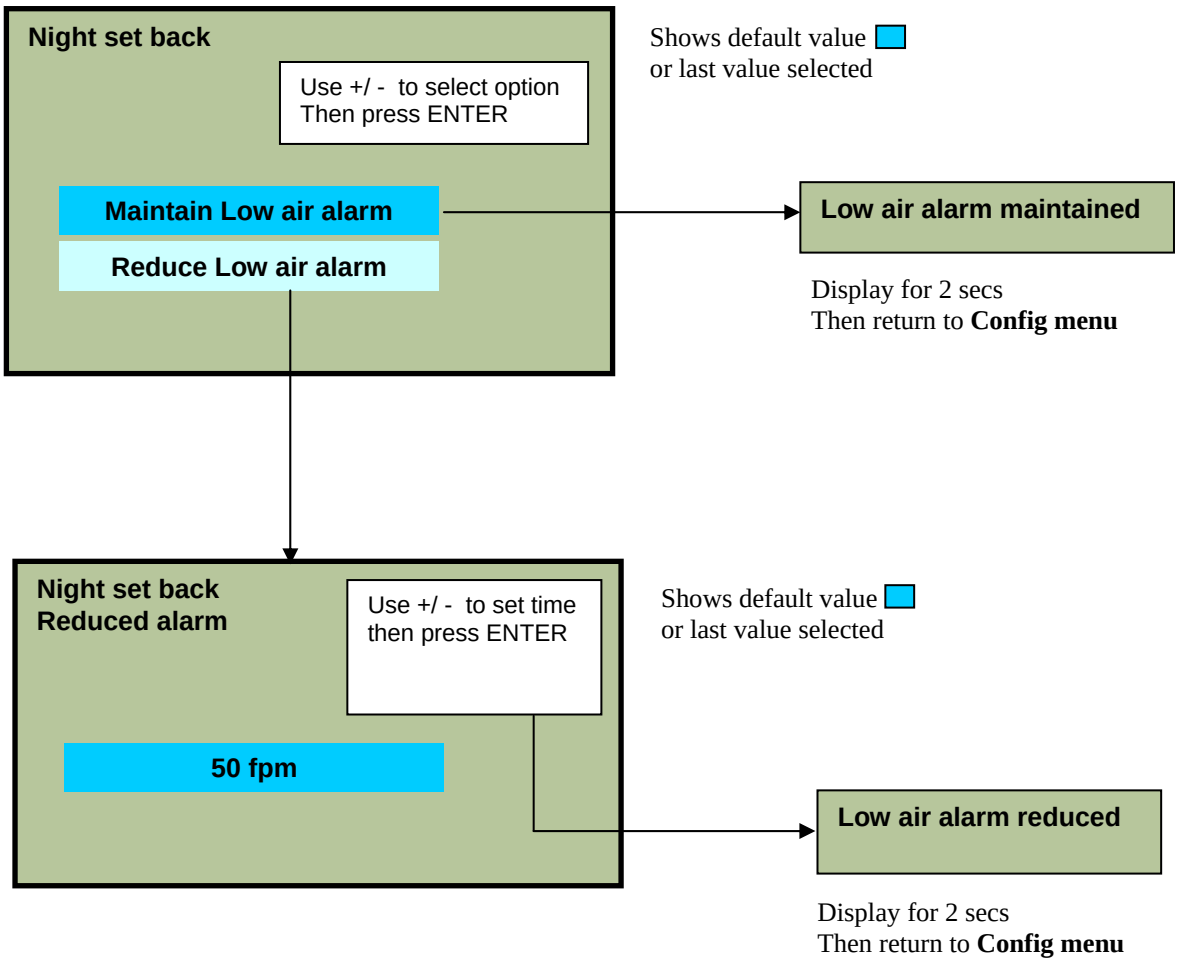


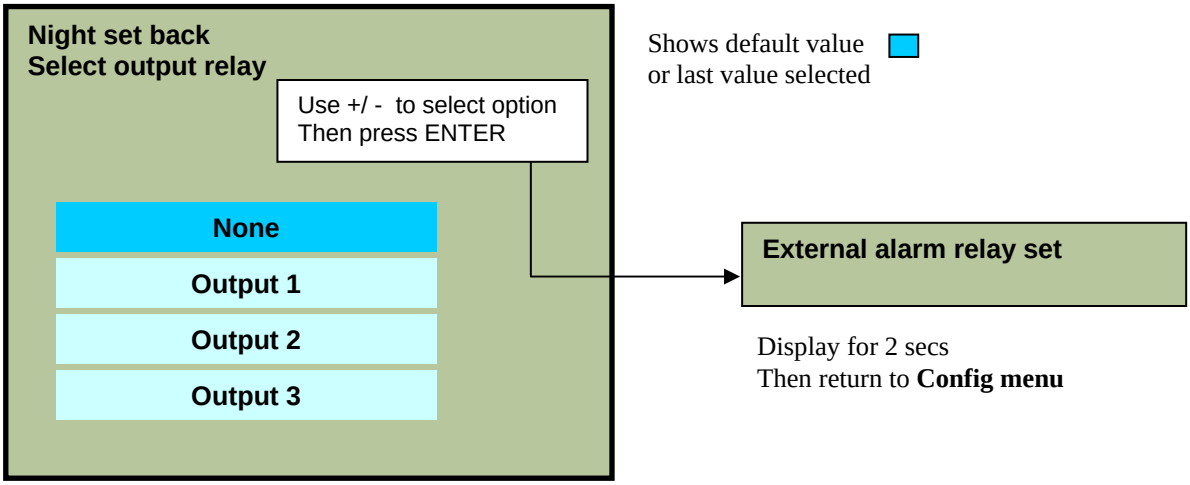
CONFIGURATION

Address: *Setup / Config / Sash High*



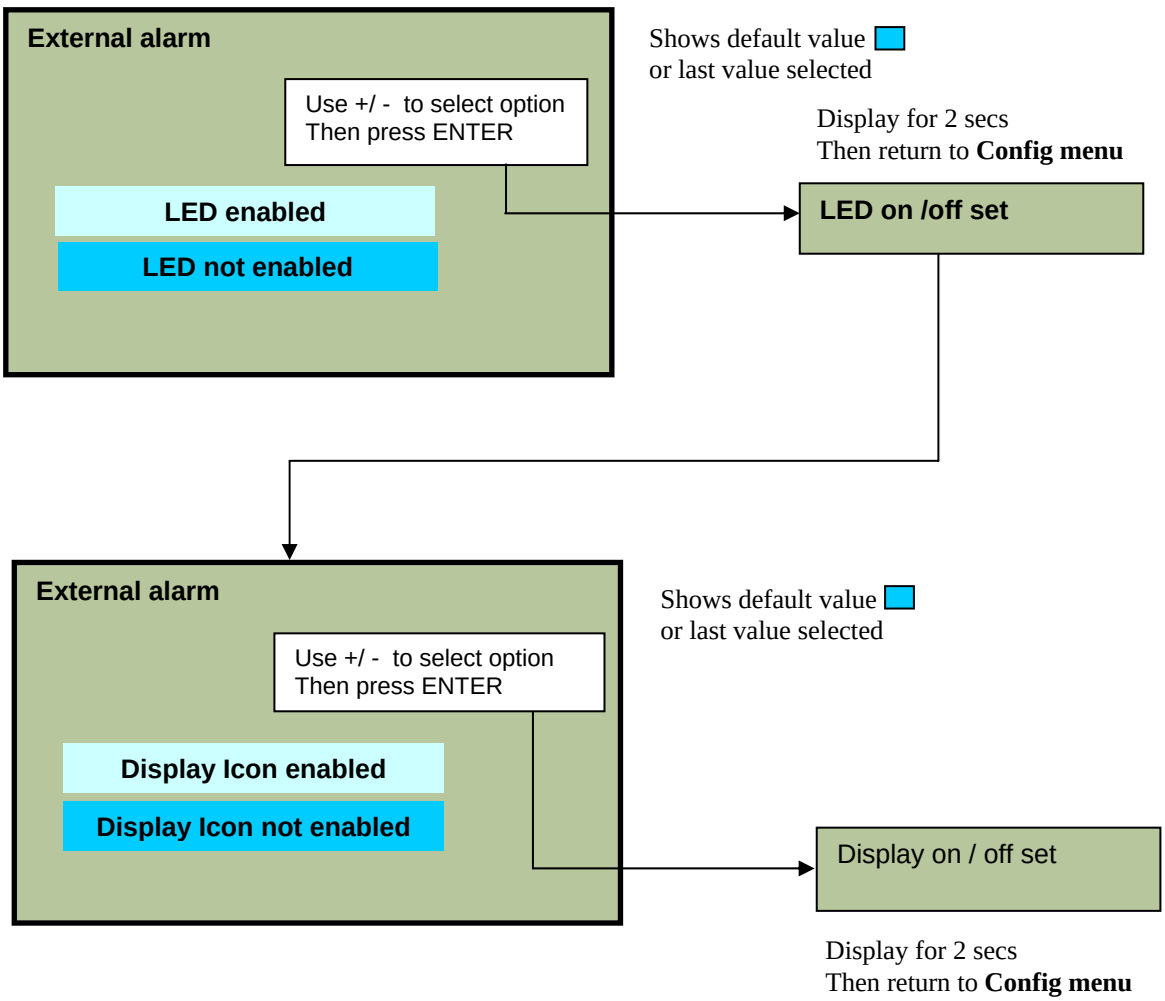
Address: *Setup / Config / Night set back*

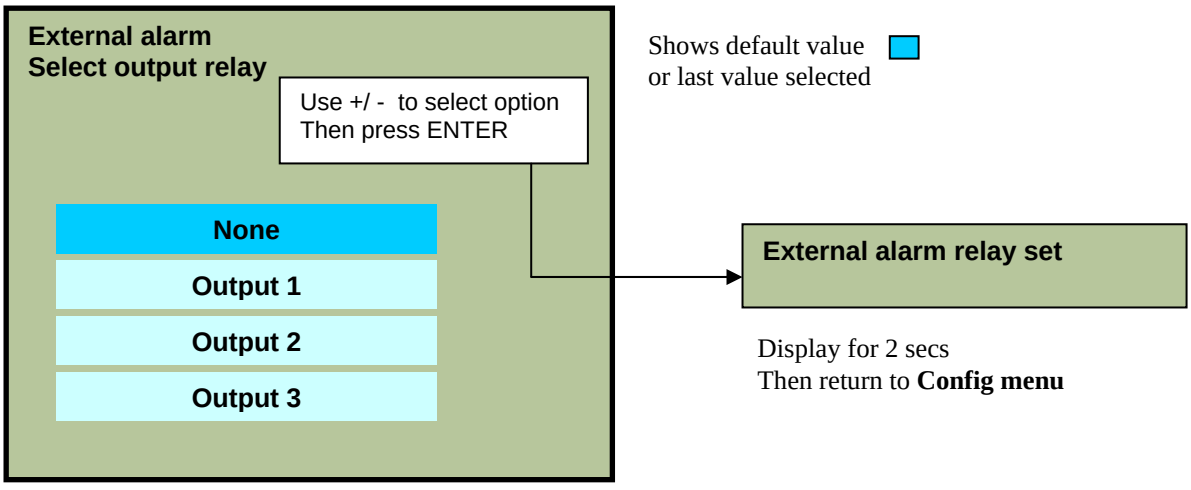




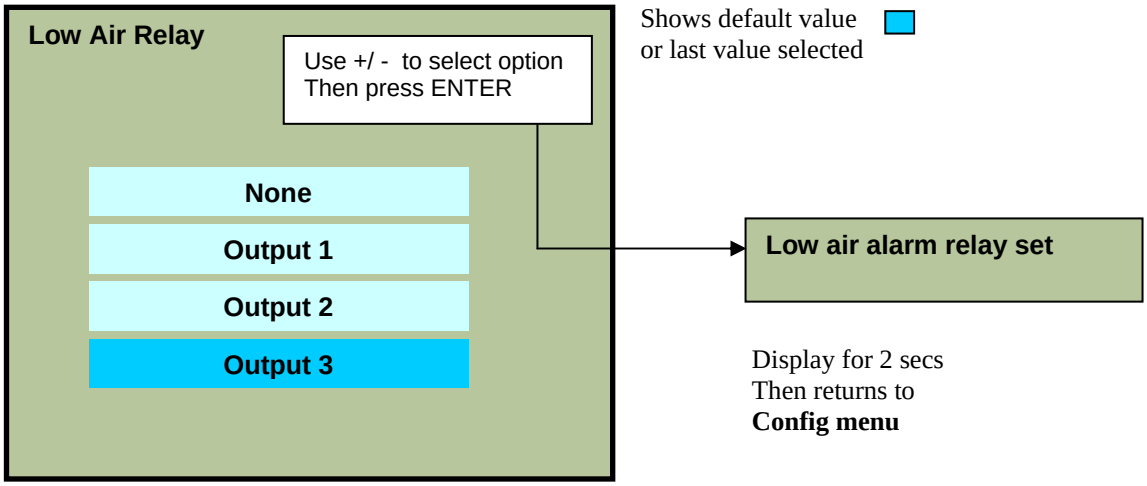
CONFIGURATION

Address: *Setup / Config / External Alarm*

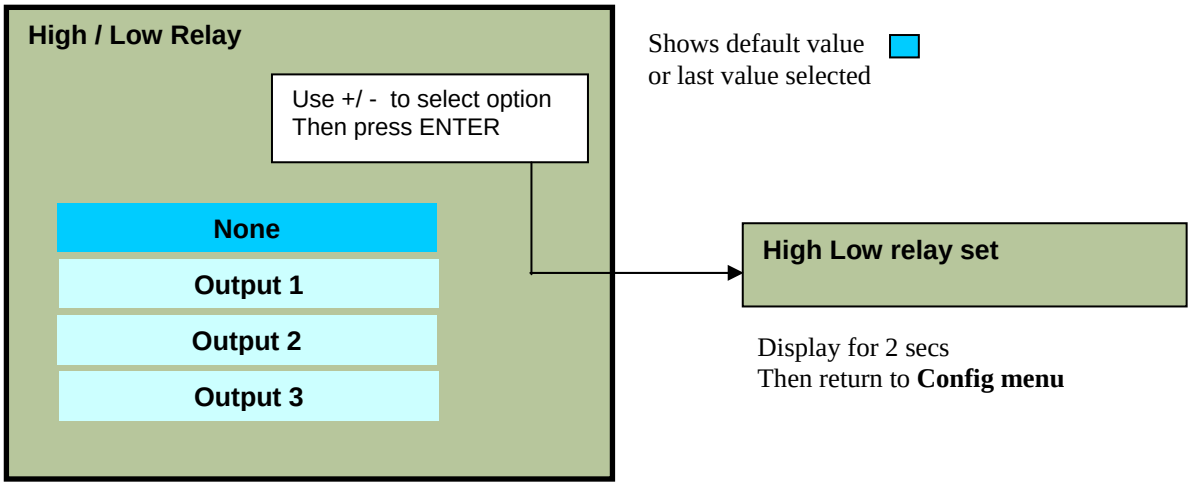




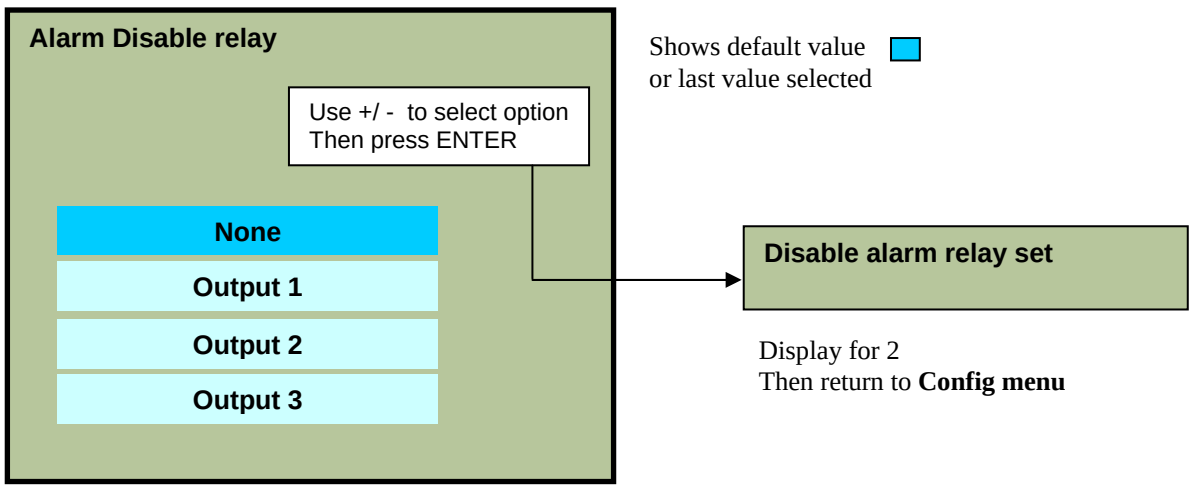
Address: *Setup / Config / Low Air Relay*



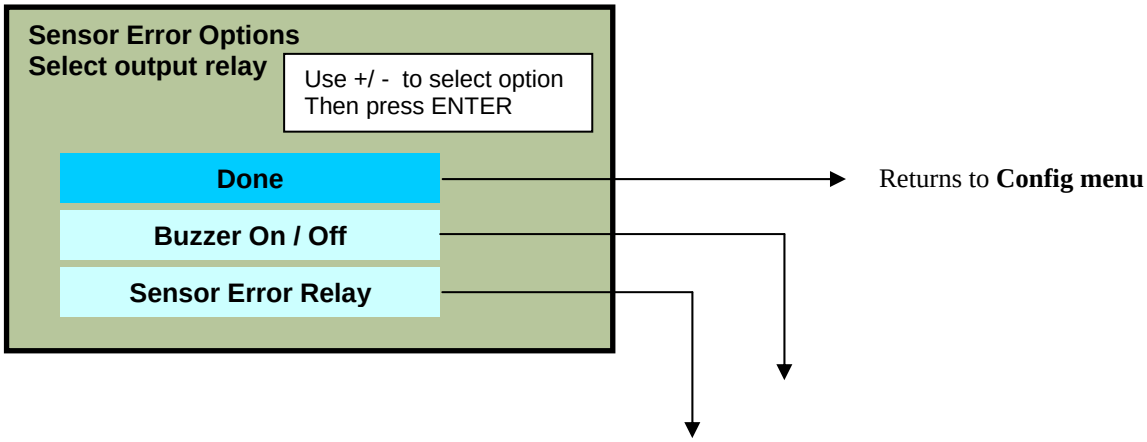
Address: *Setup / Config / High- Low Relay*



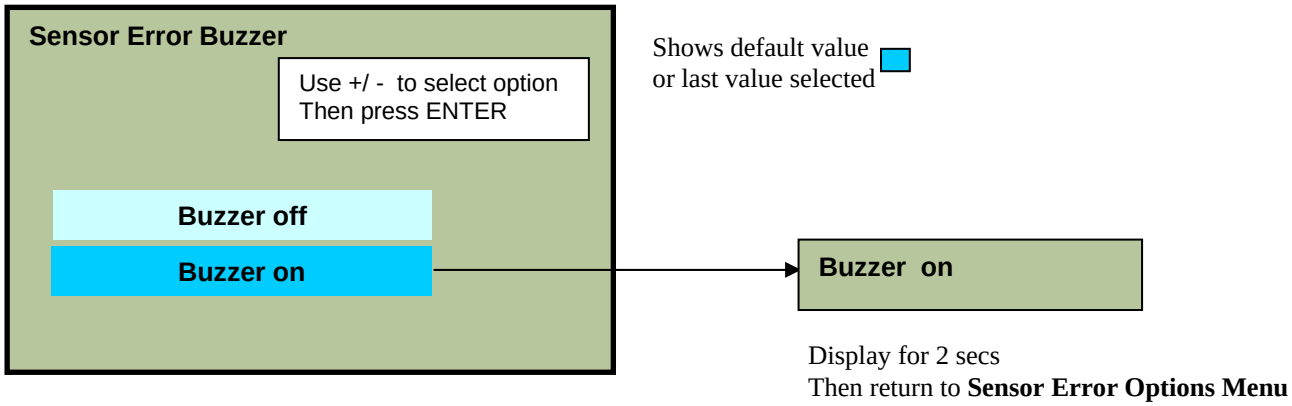
Address: *Setup / Config / Alarm Disable Relay*



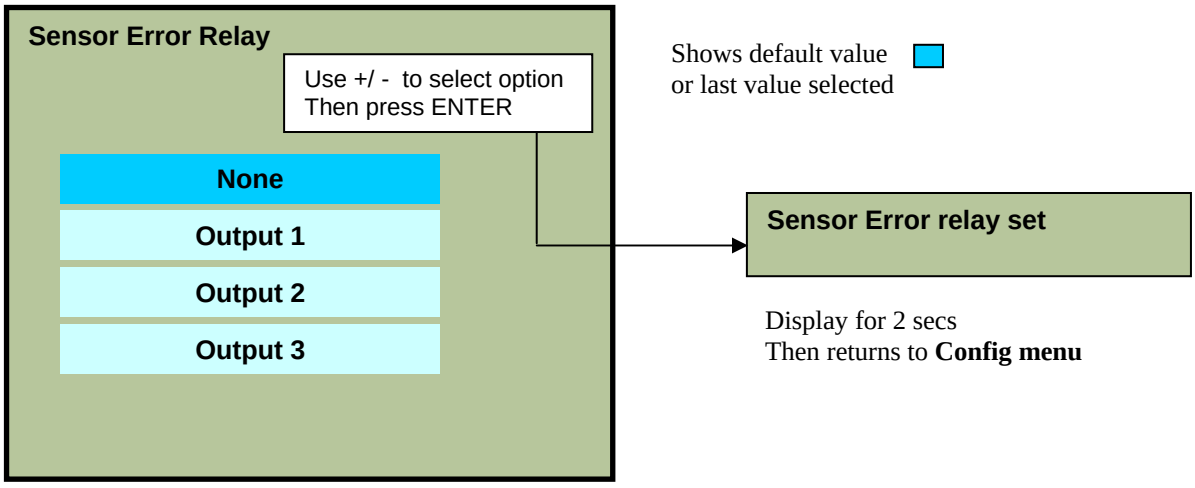
Address: *Setup / Config / Sensor Error Options*



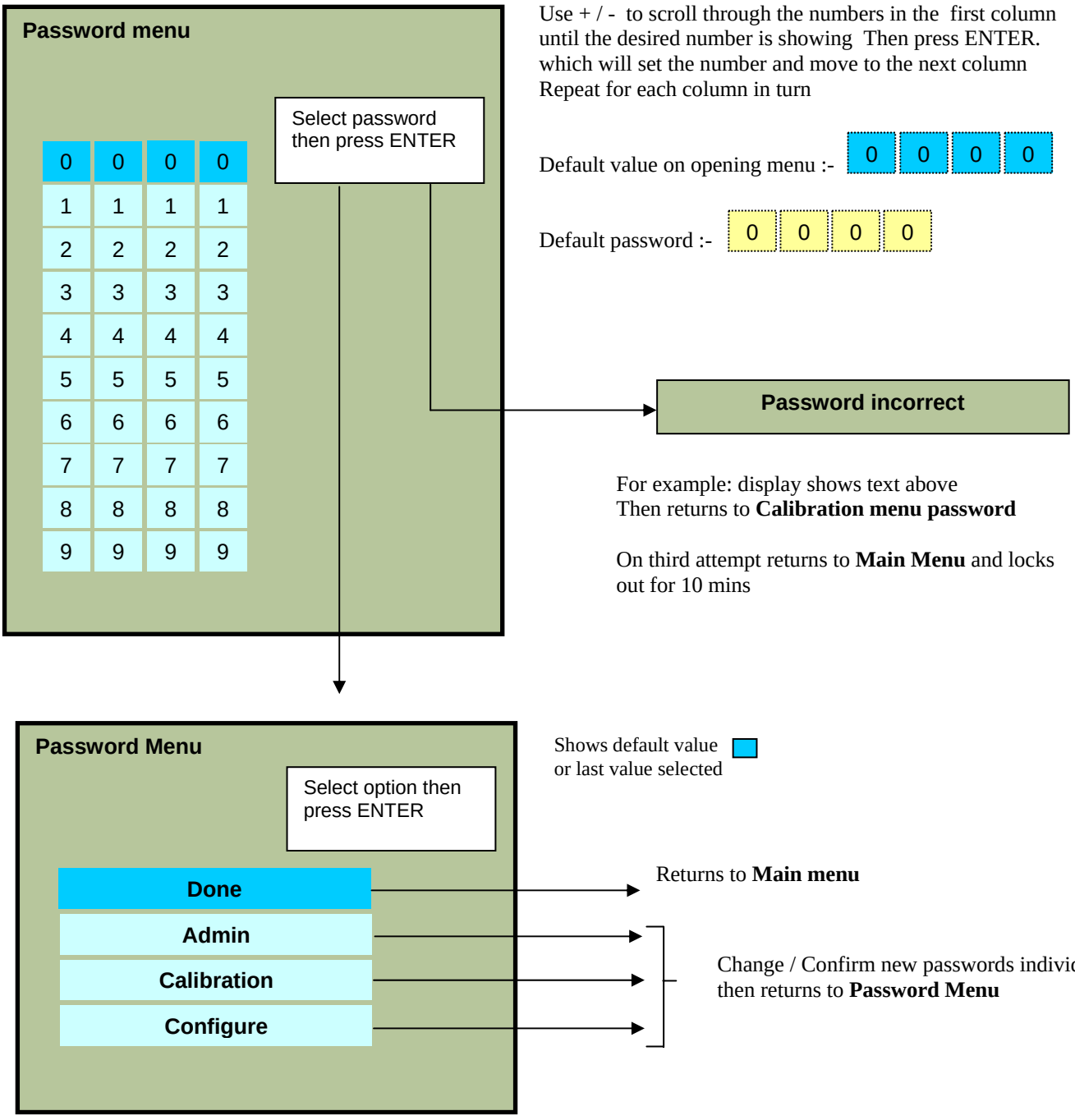
Address: *Setup / Config / Sensor Error Options / Buzzer*



Address: *Setup / Config / Sensor Error Options / Sensor Error Relay*



PASSWORDS

This Menu allows the Passwords on the unit to be changed via the display screen and pushbuttons. Access to this menu is via the **Admin** password which is factory set to 0000.The Admin , Configure and Calibration passwords can be changed via this menu.

Address: *Setup / Passwords*