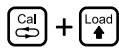


EWS 200 A CONTROL UNIT MULTI ANALOG

SYSTEM SETUP



To begin the system setup press the and buttons together



CAL

Enter the system setup menu.



Syst

Select the first menu item.

CAP

CAP indicates the elevator maximum capacity. To view the current values press ➡

AL 1

AL 1 is the load value to trigger Alarm Relay 1. Use as first overload as it is connected to the internal sounder 🔊

AL 2

AL 2 is the load value to trigger Alarm Relay 2.

AL 3

AL 3 is similar to Alarms 1 & 2 but allows negative values to be entered. When editing the first digit, instead of rolling over from 9 to 0 it allows the minus sign option.

hyst

Defines the value by which the load in the lift has to drop to reset the instrument, once the alarm has been triggered.

dly

Defines the time from the control signal input is activated and the car load is stored. The available settings are: 0.0 to 5.0 in 0.5 seconds steps

FIL

The filter value determines the damping factor with a range of 6 levels, 0 to 5

beep

An internal sounder beeps 🔊 when an overload alarm is triggered or when the keypad is pressed. To change the setting, press ⬆ and use ➡ to toggle between On and OFF.

SES

Option to turn the systems reset function on or off. Leave OFF during system set up and zero and load calibration. Select ON after calibration and before entering the lift into service. To change the setting, press ⬆ and use ➡ to toggle between On and OFF.

nonc

Set the relay outputs to either NO normally open or NC normally closed. To view the current value press ➡

Out

Select the required Analog output . Refer to page 4 for available outputs

The system setup menu allows you to set and adjust various parameters

Navigation

Use the Load ⬆ to step through the menu items. Use Zero ➡ to view the menu item

Editing Values

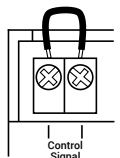
When a value is displayed, use Zero ➡ to select the digit to edit (selected digit flashes) and use Load ⬆ to step through the values for that digit.

Press Cal ⬅ to save a change. Press Load ⬆ to move onto next parameter

The system will remain in the set up menu until Cal ⬅ is pressed twice, which will return the EWS 200 to the operational display.

Notes

- 1 To calibrate the EWS 200, a link must be fitted to the control signal input terminals. Leave in after calibration if a control signal input is not being used.
- 2 Until a sensor is connected, the EWS will display *ErrE* preventing access to the system setup and calibration menus.
- 3 Calibration and set up can be carried out on any floor.



Default Values

1000

1100

1000

500

30

20

1

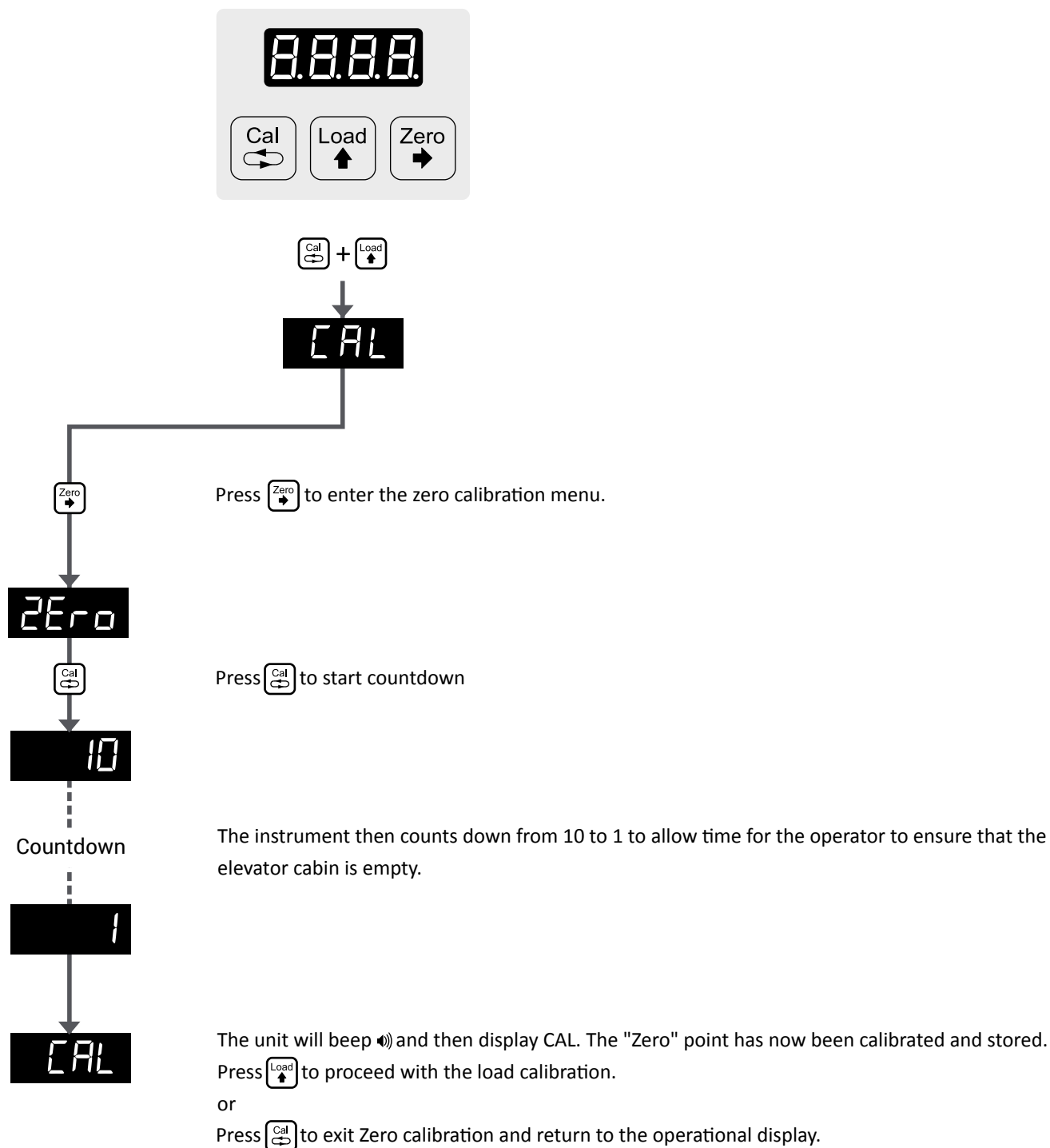
On

OFF

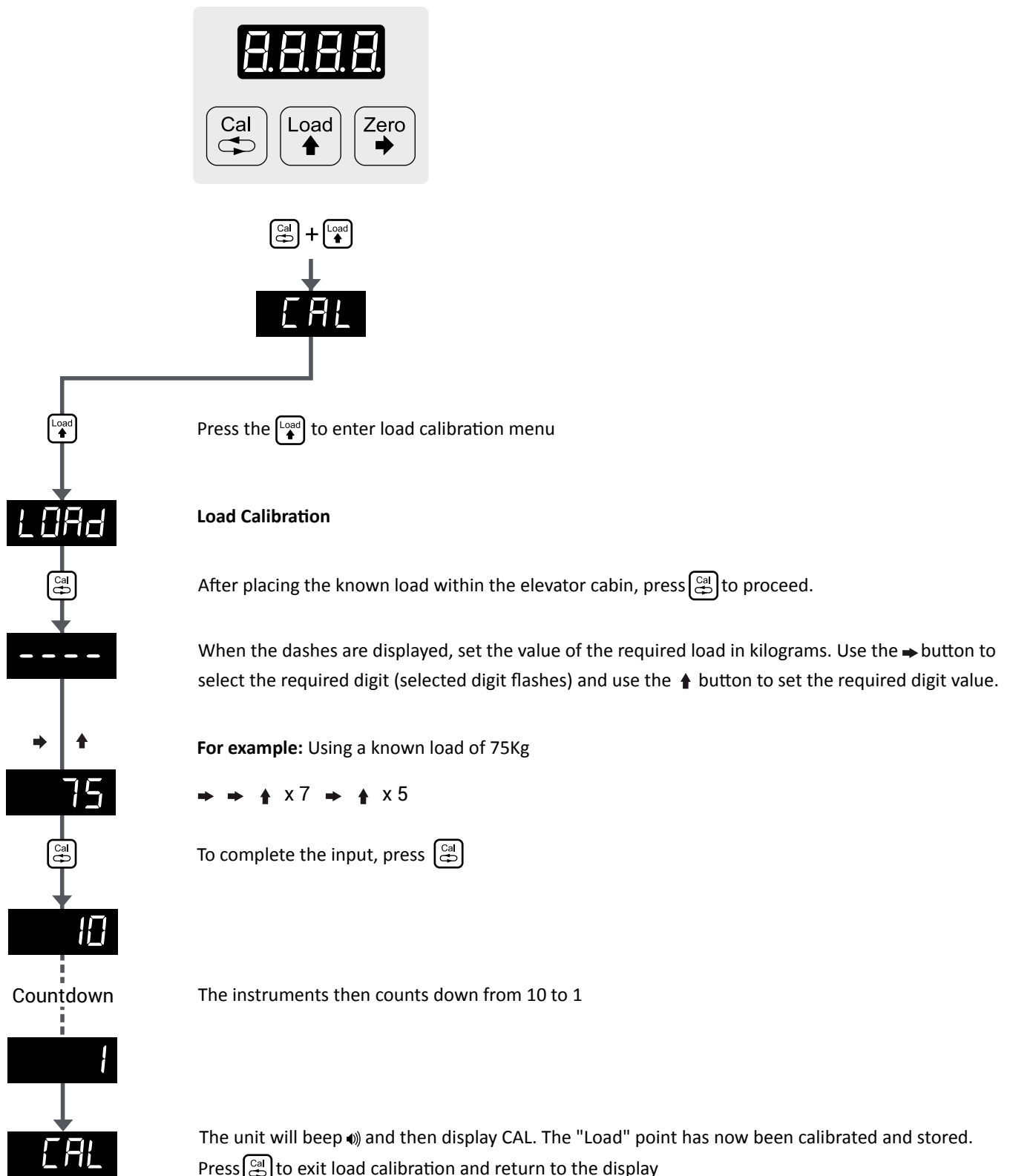
nc

4-20

EWS 200 A CONTROL UNIT MULTI ANALOG ZERO CALIBRATION



EWS 200 A CONTROL UNIT MULTI ANALOG LOAD CALIBRATION



EWS 200 A CONTROL UNIT MULTI ANALOG

OUTPUTS



Analog output Selection (only available on Multi Analog control unit)

There are seven selectable output ranges available. To view the current value press ➡ then use ⬆ to scroll through output types. Select and save required option by pressing ↺

Output type 4-20mA.	4mA = no load, 20mA = full load
Output type 0-20mA.	0mA = no load, 20mA = full load
Output type 0-24mA.	0mA = no load, 24mA = full load
Output type 0-5V.	0V = no load, +5V = full load
Output type 0-10V.	0V = no load, +10V = full load
Output type +/-5V	-5V = no load, 0v + half load, +5V = full load
Output type +/-10V	-10V = no load, 0v + half load, +10V = full load

ERROR CODES

If after powering up the unit, the display shows an error message, it could indicate that the sensor positioning and/or wiring needs to be checked.

EWS 200 S Standard & EWS 200 A Multi Analog

Code	Error	Cause/Solution
Err 1	Sensor Signal Input - Negative	Reverse connection of sensor signal leads
CBT Beam Sensors Only		Refer to supplementary information sheet
Err 2	Insufficient Sensor Signal	Check the position of the sensor
Err 3	Sensor Offset Too High - Positive	Check mounting surface for burrs/flatness
Err 4	Sensor Offset Too High - Negative	and the mounting holes for alignment.
Err 5	Trying to calibrate without Control Signal link	Fit link between control signal terminals
Err 6	Sensor not connected to EWS	Connect sensor/check sensor wiring