

Ref: FAQ0036

Version: 1.0

Title – Re-zero pressure Transducer

(Issue 2)

## Question – How to re-zero a data logger Pressure transducer

Over time you may find changes in Atmospheric pressure causes the zero point to drift on a data logger's pressure Transducer. You can follow the procedure below to adjust the zero point. This is also useful if you are at high altitude where the atmospheric pressure (at zero) is considerably different to that at sea level.

In Radwin, go to Download Options, Adavanced Download/Upload/Utilities, select the correct logger from the drop down list, then select the Utilities Tab and the Re-Zero the logger box as shown:-

Advanced Download/Upload/	Jtilities	×
Zone Location		
Туре:	🔋 Lo-Log Flash 🗨 Baud:	<i>🞜</i> 9600 💌
Connection:	Direct (RS232)   Port:	<i>🞜</i> СОМ4 💌
Number:		
Download/Upload Utilities C Monitor Signal Strength C Instantaneous Value C Calibrate Logger Re-Zero Logger C Check Calibration		
		OK Cancel

## Select OK

It will download the logger header (it may ask you if you want to stop the logger - Yes) It will then provide a rolling reading of the current zero value in the lower box. Allow it to stabilise and select the average reading as it appears in the 'Current Value' box

Re-Zero Logger		
<b>Š</b>	D	
Comm 4 - 9600		
Re-Zero Channel 01		
		Abort
Current Value 00839		Accept this ZERO value
Zero		A
00839		
00839		=
00837		
00838		-

## Select - 'Accept this zero value'.



Zero	
0839	
Channel 01 Options	
Store new values	
Redo Zero	
Abort Re-Zero	

And select store this zero value and select 'OK'

You will now need to restart the logger but otherwise the re-zero is complete.

## **Document History:**

Edition	Date of Issue	Modification	Notes
1st	21/03/2010	Release	
2nd	02/05/14	Update format	

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