



DATALOGGERS

Instructions to reconfigure a channel previously switched off

1. Connect the DataHog 2 datalead to the RS232 port on the logger, and to the appropriate serial communications port on your PC.
2. Start the communications software (whichever version you are using) as usual.
3. Wake up the DataHog by pressing a key after the displayed message as usual. When the logger 'wakes up' you will see the Main Menu displayed. (Please remember that whilst the logger is 'awake' and in Main Menu mode, it is not recording any measurements.)
4. To reconfigure a software channel, choose Option A from the Main Menu (by pressing 'A'). Please check your Hardware Configuration Certificate at the front of your DataHog 2 manual before you begin. This will show all the information you will be asked to enter.
5. Enter the Software Channel Number of the channel you are reconfiguring, e.g. 00. Then enter its associated Hardware Channel Number (from your Certificate) e.g. 01
6. Depending on the type of input you are configuring, you are asked to enter the Gain, and / or Termination to use - follow the codes given on your Hardware Configuration Certificate as appropriate (see chapter 3.2.11 in the DataHog manual for details)
7. Select the scaling required for this channel, e.g. 1 for a sensor with scaled units. The choices you have just entered will be displayed for your confirmation. Press 'Y' to confirm and return to the Main Menu.
8. It will now be necessary to set up this reconfigured channel to log at the required time interval. Choose Option 8 from the Main Menu. Enter the Software Channel as above, e.g. 00
9. Enter the sample interval, e.g. 06 for 30 second samples. Enter the logging or storage interval e.g. 12 for 30 minutes logging. The choices you have just entered will be displayed for your confirmation. Press 'Y' to confirm and return to the Main Menu.
10. It is advisable to check that the changes you have just made are in place before returning the DataHog 2 to logging mode. From the Main Menu, choose Option 1 to display the current setup. Choose '3' from the sub-menu to check the scaling factors. Your new software channel should be displayed with its Full Scale and Offset as shown on the Hardware Configuration Certificate. Choose '1' to check the sample and logging times. Your new software channel should be displayed with the time interval codes you entered. Choose '6' to return to Main Menu
11. Press ESCAPE to return the DataHog 2 to logging mode.

NOTE: it is advised that you make a note of your changes on a copy of your Hardware Configuration Certificate for later reference.

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