



DATALOGGERS

DataHog2 Setup

1. Firstly, connect to your DataHog, either by direct cable link or by dialling up the GSM link in the usual way.

You should see the following message repeated every 10 seconds:

<ANY NUMERIC KEY TO WAKE-UP (!0 TO 9!)>
16:15:10 29.10.98
(Date and Time)

2. Press zero repeatedly until the logger 'wakes up' and you see the following Main Menu

SKYE INSTRUMENTS LTD. MINIMET2 SERIES.

SEND CHARACTER SHOWN TO SELECT ITEM
<ESC> RETURNS TO LOGGING

- MAIN MENU -

- 0) DISPLAY READINGS FROM ALL ACTIVE CHANNELS**
- 1) DISPLAY CURRENT SETUP**
- 2) DISPLAY SOFTWARE VERSION**
- 3) OFFLOAD 24HOUR DATA SUMMARY**
- 4) OFFLOAD DATA**
- 5) RESET MEMORY**
- 6) SET CLOCK**
- 7) SET DATAFILE I/D, PLUS MEM OVERWRITE & TIMED LOGGING MODES**
- 8) SET CHANNEL SAMPLE & LOG INTERVALS**
- 9) SET AX+B CALIBRATION FACTORS**
 - A) SET CHANNEL CONFIGUR'NS**
 - B) SET INT'NL RH% SENSOR CALIB'N**
 - C) SET ALARM RELAY(S)**
 - D) SET CHANNELS FOR NONZERO/THRESHOLD LOG MODES**
 - E) ENTER 'LOG ON DEMAND' MODE**

(If you have pressed too many zeros, you may see the following message, simply press ESCAPE to return to Main Menu)

<SPACE> TO TRANSMIT FROM ALL ACTIVE CHANNELS

<ESC> TO CANCEL THIS MODE

DataHog2 Setup

and full stops in the date entry.

TIME AND DATE SETTING ROUTINE

**ENTER TIME AND THEN DATE AS INSTRUCTED
CLOCK STARTS WHEN DATE ENTRY IS CONFIRMED**

**THIS IS THE CURRENT TIME 16:16:03
ENTER THE NEW TIME 16:17:00**

**YOU HAVE ENTERED THIS TIME 16:17:00
IS THIS CORRECT?
<Y> TO ACCEPT, <N> TO REDO, <ESC> TO QUIT**

Y CONFIRMED

**THIS IS THE CURRENT DATE 29.10.98
ENTER THE NEW DATE 29.10.98
YOU HAVE ENTERED THIS DATE 29.10.98
IS THIS CORRECT?
<Y> TO ACCEPT, <N> TO REDO, <ESC> TO QUIT**

**Y CONFIRMED
CLOCK IS NOW RUNNING**

4. TO CHANGE MEMORY FULL FUNCTION

The default setting of the DataHog2 is to stop logging once the memory becomes full. It is possible to change this so that the oldest memory is overwritten by the newest records as below.

From the Main Menu press 7 to see the following sub-menu:

SELECT ITEM REQUIRED

- 0 - ENABLE MEMORY OVERWRITE
- 1 - DISABLE MEMORY OVERWRITE
- 2 -
- 3 - SET LOG START/STOP TIME
- 4 -
- 5 - EDIT DATAFILE IDENTIFIER
- 6 - RETURN TO MAIN MENU

DataHog2 Setup

Press zero to switch on or enable the memory overwrite function. Your choice will be confirmed on screen. Press any key to return to the sub-menu.

MEMORY WILL OVERWRITE FROM THE START WHEN FULL

ANY KEY TO PROCEED

Press 6 to return to the Main Menu

5. TO CHANGE THE DATAFILE IDENTIFIER

The datafile identifier is printed off each time the logger's memory is downloaded, so that the data is easily recognised from different loggers.

The Skye WizzCom software uses the first 5 letters of the Datafile Identifier to name and save the daily files.

From the Main Menu press 7 to see the following sub-menu:

SELECT ITEM REQUIRED

0 - ENABLE MEMORY OVERWRITE

1 - DISABLE MEMORY OVERWRITE

2 -

3 - SET LOG START/STOP TIME

4 -

5 - EDIT DATAFILE IDENTIFIER

6 - RETURN TO MAIN MENU

Press 5 to edit the Datafile Identifier and follow instructions as in the example below:

CURRENT DATAFILE IDENTIFIER - FD009DemoStn

ENTER THE 12 CHARACTERS TO USE NOW

FD009DemoStn

YOU HAVE ENTERED THIS - FD009DemoStn

IS THIS CORRECT?

<Y> TO ACCEPT, <N> TO REDO, <ESC> TO QUIT

Y CONFIRMED

At the message:

ANY KEY TO PROCEED

Press any key to return to the sub-menu and press 6 to return to the Main Menu.

DataHog2 Setup

6. ****IMPORTANT****

When Main Menu or any of its sub-menus are displayed, the DataHog2 is in set up mode and not log mode, so it will not record any data.

SKYE INSTRUMENTS LTD. MINIMET2 SERIES.

**SEND CHARACTER SHOWN TO SELECT ITEM
<ESC> RETURNS TO LOGGING**

- MAIN MENU -

0) DISPLAY READINGS FROM ALL ACTIVE CHANNELS

1) DISPLAY CURRENT SETUP

2) DISPLAY SOFTWARE VERSION

3) OFFLOAD 24HOUR DATA SUMMARY

4) OFFLOAD DATA

5) RESET MEMORY

6) SET CLOCK

7) SET DATAFILE I/D, PLUS MEM OVERWRITE & TIMED LOGGING MODES

8) SET CHANNEL SAMPLE & LOG INTERVALS

9) SET AX+B CALIBRATION FACTORS

A) SET CHANNEL CONFIGUR'NS

B) SET INT'NL RH% SENSOR CALIB'N

C) SET ALARM RELAY(S)

D) SET CHANNELS FOR NONZERO/THRESHOLD LOG MODES

E) ENTER 'LOG ON DEMAND' MODE

Always remember to press ESCAPE when finished, to return the DataHog2 to log mode. Your keypress will be confirmed.

>>> RETURNING TO LOG MODE >>>

Before disconnecting the logger or hanging up the phone call, always make sure that you see the following message appear every 10 seconds, which will confirm that the DataHog is in fact 'asleep' and logging.

<ANY NUMERIC KEY TO WAKE-UP (!0 TO 9!)>

16:18:20 29.10.98

Date and Time

SKYE INSTRUMENTS LTD

21, Ddole Enterprise Park, Llandrindod Wells, Powys, LD1 6DF, UK

Tel: +44(0)1597 824811 Fax: +44(0)1597 824812

Email: skyeemail@skyeinstruments.com Web: www.skyeinstruments.com

