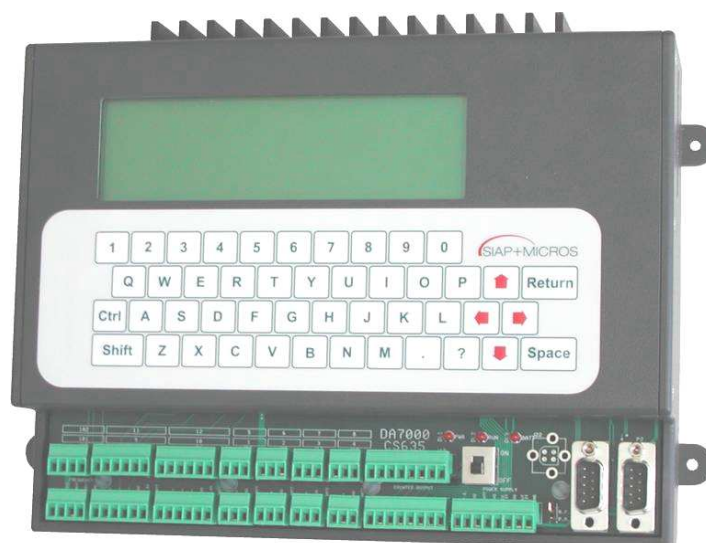


# Datalogger DA7010

Configuration manual



## Switching on the data logger

To turn on the data logger, just put the switch, shown in Picture 1,



*Picture 1 – Turning on the data logger*

The data logger will boot and load the configuration program for the acquisition of the measures from the sensors. At the end of the boot procedure, the data logger display on the first row the following text:

```
1) Siap+Micros      hh:mm:ss DD/MM/YYYY
```

and the first measure on the second row.

To check if the data logger is working properly, the status of the three leds, just over the switch, should be the following:



**PWR**

Always on



**RUN**

Blinking

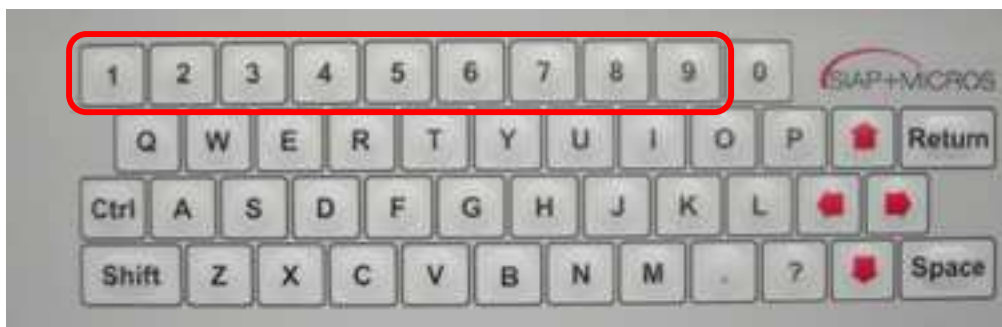


**BAT**

Periodically pulse

## Displaying measures

Since the data logger display has only two rows, the measures are shown in a set of pages. Each page, except the first, displays two measures and is reachable by clicking, for at least 2 seconds, the corresponding number on the data logger keyboard.



**Picture 2 – The data logger keyboard**

The number of the current page is shown at the beginning of the first row:

```

3) Wind Direction      N_Deg = 90.0
   Wind speed          m/s = 0.0
  
```

## Entering set up

### Rebooting the data logger

From the normal function, to enter setup it is necessary to reboot the data logger. This can be done by pushing the 'S' key for at least two seconds.

To enter set up it is necessary to push again the same key 'S' for at least two seconds when the following text appears on the first row of the display:

```

Press 'S' for 2 seconds for Setup
  
```

The following menu appears:

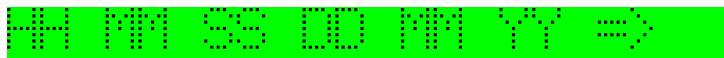
```

Menu          hh:mm:ss DD/MM/YYYY
T=Time C=Setup S=Exit->
  
```

**Picture 3 – The set up menu**

### Setting up the date and time

Press the key 'T' and then the key 'Return' to enter the new value for date and time. Each value is in two digit format and the values are separated by a space (key 'Space'):



At the end press the 'Return' key to reboot the data logger. The message Clock OK will appear.

### Setting up the river level offset

From the menu shown in Picture 3, select the option Setup by striking the key 'C' and then the key 'Return'. The river level offset is the first parameter and the data logger shows the current value. Strike the key 'M' to modify it (a blinking cursor will appear) and just enter the new value **without changing the position of the cursor**. If you enter a wrong digit, you can overwrite it by first striking the ← key:



When you entered the new value, press 'Return', wait until the new value is displayed and then press the key 'S' to reboot the data logger.