This guide explains the things that you need to know in order to use EnviroMon Logger on a day to day basis.

The Display

When you first turn the logger on, the display changes every couple of seconds. If all is well, it spends two seconds showing the information for each sensor, and two seconds showing the date and time.

If the temperature for a sensor is within range the display looks like this.

```
MAIN FREEZER
-19.75 deg C
```

If a temperature goes out of range, or a sensor fails, the logger will sound an alarm and show, alternately, two displays for the sensor.

```
MAIN FREEZER
-15.45>-18.00
```

```
MAIN FREEZER
active 00:35  ▮
```

The first display shows you what is wrong: the temperature (-15.45^{0}C) is above the allowed maximum (-18^{0}C). The second display shows you how long the problem has been active, in hours and minutes.

In some installations, the temperature may go out of range during a defrost cycle. The logger is programmed not to sound the alarm until a temperature stays out of range for more than a pre-specified period - the same time as a normal defrost interval. If a sensor is out of range but the logger is programmed not to sound the alarm yet, or if the logger has sounded the alarm and a user has cancelled the alarm, the logger shows a black rectangle in the bottom right hand corner of the display.
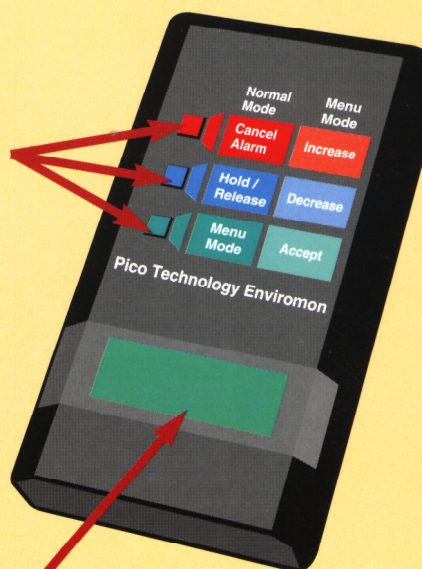
When the alarm sounds...

When the alarm sounds, you should check the display to find out which sensor is out of range, and how long it has been out of range. You can then press the RED Cancel Alarm button to turn off the audible alarm. The alarm will stay off for the duration of the current out-of-range, but it will sound again it the temperature goes back in range then goes out of range again.

The Buttons

The logger has three buttons: they are under the three coloured dots at the left of the unit.

When the unit is running normally, the buttons do what is indicated by the Normal Mode column, i.e. Cancel alarm, Hold/Release and Menu Mode.

Colour coded tactile buttons

Display

After pressing the Menu Mode button, the buttons do what it says in the Menu mode column, i.e. Increase, Decrease and Accept.

Keeping an eye on one temperature...

If the temperature at one location is out of range, or close to the limits, you can press the Hold/Release button whilst the temperature for that location is on the display. The display will then show only the temperature for that location, until you press the Hold/Release button again.

Printing a report...

To print a report, press the Menu Mode button, so that one of the menu options is displayed. Next, press the Increase button repeatedly until the report that you require is displayed. Press the Accept button to accept this menu option. For a midnight to midnight report, you can select what day you want to print a report for... you can usually go back two or three days.
To go backward a day, press the Decrease button: to go forward a day, press the Increase button.

Setting the date...

The logger needs to know the correct date so that it can put the right dates on reports.

To set the date:
press the Menu mode button
press the Increase key until display says Set date
press the accept button
press the increase / decrease keys to adjust the year
press the accept button
repeat for the month, day, hour and minute.