

# HLP New Product Information Sheet.

## Temperature, Humidity Max / Min Data Logger with External Probe

### Model: 87799

- This data logger will automatically log the temperature & humidity of a room / area to an SD (memory) card.
- External probe to also show the temp of an second remote (eg: outside) area.
- It has a sampling rate of from 1 to 720 minutes (12 hours) between samples. Set the logging frequency at the rate that you want and to the size of your SD card. Maximum size of the card is 4G bytes. Periodically remove the card from the unit and download it onto your computer.
- **NO EXTERNAL SOFTWARE REQUIRED!**
- Easy to set through the keypad.
- Large LCD display of temperature, humidity & external sensor temperature and visible (on the screen) as well as audible and visible alarm so that you can correct any situation quickly. Wall mount or flip out stand so that it can be in the most convenient and visible spot.
- Plug-in - so battery never goes flat.
- The quick response of the temperature and humidity sensors makes this a perfect tool for monitoring critical areas.

### Technical Specifications:

- Temperature measuring range: 0 up to 50 deg C.
- Accuracy:  $\pm 1$ deg C.
- Humidity measuring range (RH): 20 up to 90%
- Accuracy:  $\pm 5\%$  at 25% otherwise  $\pm 7\%$ .
- External probe temperature measuring range: -10 up to 70 deg C.
- Accuracy:  $\pm 0.6$  from 0 - 50C;  $\pm 1.2$  from -10 - 0C & 50 - 70C.
- Resolution: 0.1% RH and 0.1 deg C.
- External probe size: 25mm long x 4mm diameter on 2 meter long, PVC material.
- External probe IP level: IP65
- Operation temperature & humidity: 0 up to 50C; < 90%
- SD memory card included
- Power: 3 x AA batteries with 5V DC plug-in adaptor (included).



**HLP Controls**

Phone: 1800 500 160

Fax: 1800 827 160

Email: [sales@hlpcontrols.com.au](mailto:sales@hlpcontrols.com.au)

Web: [www.hlpcontrols.com.au](http://www.hlpcontrols.com.au)

*June 2011 - No.: 67*