Specification

Range – in	-19.9 to 69.9 ˚C
Range – out	-49.9 to 69.9 ˚C
Resolution	0.1˚C or 0.1˚F (switchable)
Accuracy	± 1˚C
Sensor Type	Thermistor
Battery and Battery life	AAA or 1.5 Volt equivalent – 5000 hours
Display	Custom LCD
Dimensions	20 x 65 x 97mm
Weight (Display)	100 grams

Battery Replacement – Replace the battery when the display dims. The battery is located under the battery cover at the rear of the instrument.

Trouble shooting

Display dead – check battery tab has been removed. Also check correct orientation of battery.

Display dim – Replace the battery

"OUT" display shows "LL.L" – Check the 2.5mm jack plug is fully inserted into the side of the display and also check the connection to the outside sensor as the "LL.L" signifies the display can not read the sensor.

Contact

If the above fails or you need to contact us in any way then we can be reached at the below:

Instromet Weather Systems Ltd
10b Lyngate Industrial Estate
North Walsham
Norfolk
NR28 0AJ

Telephone: 01692 502800   e-mail: sales@instromet.co.uk

Instromet Weather Systems Ltd

Stand alone temperature display
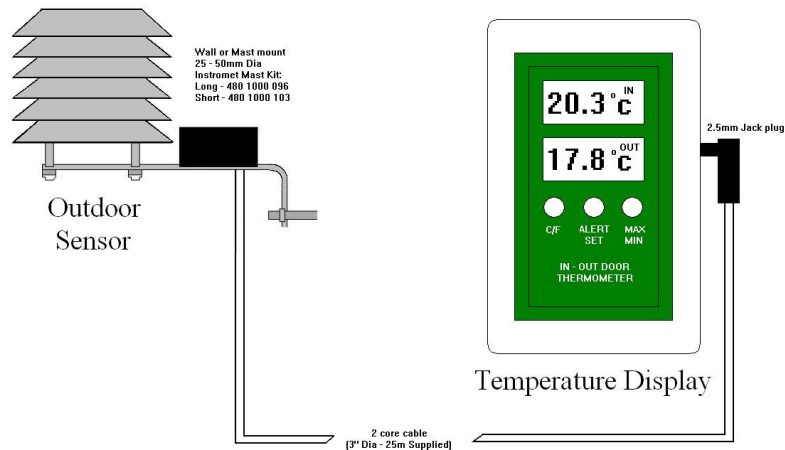
Part number: 480 1000 142

Introduction

Thank you for purchasing an Instromet stand alone temperature display.
The display has the ability to display both inside and outdoor temperatures.
It is ˚C and ˚F Switchable.
Has a built in Alarm function.
Shows Min/Max temperatures for both displays.

Package Contents

1)   Temperature Display.
2)   Outdoor sensor in Stevenson Screen.
3)   AAA Battery.
4)   25m of 2 core cable terminated with a 2.5mm jack plug at one end.

Installation Instructions

Outdoor Sensor

Wall or Mast mount
25 - 50mm Dia
Instromet Mast Kit:
Long - 480 1000 096
Short - 480 1000 103

2.5mm Jack plug

20.3 ˚C IN

17.8 ˚C OUT

C/F   ALERT SET   MAX MIN

IN - OUT DOOR THERMOMETER

Temperature Display

2 core cable
[3" Dia - 25m Supplied]

The display is mountable either by the "Key hole" slot in the rear or via the pull out stand on the battery cover.

Operation

Instrument operation – Attach the Outdoor sensor and remove the Battery tab located under the battery cover, the instrument will then turn on. The Instrument may take a few seconds to stabilise depending on the nature of measurement.

Outdoor Temperature Alarm Setting – To turn the alarm on, press the ALERT SET button, ALE ON will be displayed. To turn the alarm off Press the ALERT SET button again, ALE OFF will be displayed. The display will automatically switch back to the current temperature after two seconds.

To set the alarm (Outdoor temp only), press and hold the ALERT SET button for two seconds until the lower display flashes. Press the ˚C/˚F button to advance the temperature to the desired high temperature limit. Press the ALERT SET again, the top display will flash. Press the ˚C/˚F button to advance the temperature to the desired low temperature limit. To revert to taking temperature readings press the ALERT SET again. The audible alarm will sound for five seconds and again every 55 seconds there after if the alarm temperatures have been exceeded.
NOTE: the alarm only works on the OUTDOOR temperature sensor.

The above alarm instructions relate to out of limit high and low temperature settings. However it is possible to set the audible alarm to be activated between two temperatures by entering the low alarm first in the lower display and then entering the higher alarm temperature in the top display. If set in this mode the audible alarm will sound if the temperature is between the set values.

Max/Min Memory Function – Press the MAX/MIN button to display the maximum reading and a MAX symbol will be displayed. Press the MAX/MIN button again to display the minimum reading and a MIN symbol will be displayed. Press the MAX/MIN button again to return to normal readings.
To Clear the MAX/MIN temperature readings, hold the MAX/MIN button until you hear a "beep"

˚C/˚F – Press the ˚C/˚F button to select the temperature scale.