



**Pendant Event
/Temperature**



**Optic Base
Station/Coupler**

A HOBOWare Software Starter Kit, Optic Base Station and Coupler are required to operate Pendant loggers. Use of the temperature channel requires a Solar Radiation Shield.

The Optic Base Station provides fast optical infrared (IR) communication using the PC USB port for easy logger launch and readout of Pendant loggers.

Software starter kits include software, USB cable, and software manual.

The Optic Base Station includes a Pendant Coupler.

HOBO® Pendant® Event/Temperature Logger

The HOBO Pendant Event records momentary contact events and temperature. Event data is only stored when it occurs, which results in efficient memory usage while still providing detailed event data. Temperature data is recorded at a user-defined logging interval (accurate use of the temperature channel requires a Solar Radiation Shield). The HOBO Pendant Event is ideal for connecting to tipping-bucket rain gauges to record detailed rainfall data.

Logger launch and data readout is easy using HOBOWare (Windows) software and the convenient USB Optic Base Station and coupler.

Features

- External Event Type: relay contact closure or rain gauge 'tips'
- Temperature Measurement Range: -20 to +70°C
- Memory Capacity: 64K; number of data points depends on event interval: 16K to 23K when recording events only; 25K to 30K data points when recording events & temperature
- Includes cable for easy connection to tipping bucket rain gauges
- Compact weatherproof case can be mounted in a rain collector, or in a solar radiation shield to measure temperature
- Capacity to store over 16,000 tips (160" of rainfall with a 0.01" rain gauge)
- Data can be viewed directly in inches or millimetres
- Lockout eliminates false readings from tipping bucket bounce
- Tips are logged with time-stamps to determine rainfall intensity
- Weatherproof housing drop-proof to 1.5m
- Size: 58 x 33 x 23 mm Weight: 18 gms

Specifications

External Event Input:

Connection: 2m cable with 2-wire input

Maximum input frequency: 1Hz

Resolution: 1.0 second

Minimum contact closure: 1 ms

Lockout: 500 ms (eliminates contact bounce)

Temperature:

Range/Resolution: -20°C to +70°C/0.10°C at 25°C

Accuracy: 0.47°C at 25°C (a Solar Radiation Shield is required for accurate measurements in sun)

Response Time in Airflow 2 m/s: 10 mins. to 90%

Memory Capacity: 64K (number of data points depends upon event interval): 16K – 23K when recording events only; 25K – 30K data points when recording events and temperature

Non-volatile memory retains data if battery fails

Time Accuracy: ±1 minute/month at 25°C

Battery: CR2032 (1 year life) User replaceable

Order Information

HOBO Pendant Event

Optic Base Station for Pendant

Solar Radiation Shield

HOBOWare PRO Software

for Windows/MAC

Part No.

UA-003-64

BASE-U-1

RS1

BHW-PRO-CD



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