

HOBO EVENT RECORDER

FEATURES:

- **Compact**
- **Battery Powered**
- **Fits Inside Rain Gauge**

The HOBO Event Recorder (P/N 102345) connects to Climatronics' standard 8-inch tipping-bucket rain gauge (P/N 100097) to measure and record rainfall amount, rainfall rate, time of occurrence and duration of precipitation. The Event Recorder eliminates the need to manually read rain gauges, saving time and insuring that critical readings are not missed.

The Event Recorder easily connects to the switch in the tipping-bucket rain gauge using a quick connect cable. Its compact, weatherproof case is mounted inside the rain gauge using a compact mounting bracket.

The Event Recorder has an 8000-tip capacity for up to 80" of rainfall between readouts with 0.01" tipping-bucket gauge. It has a programmable lockout time to filter out false counts due to switch bounce. The tip counts are logged with time information to enable rainfall intensity determination.



SPECIFICATIONS

Capacity:	8000 events
Event type:	Switch closures from a tipping-bucket rain gauge
Event resolution:	0.5 seconds
Minimum event duration:	20 microseconds
Start time/date:	Programmable
Memory modes:	Stop when full or wrap-around when full
Memory:	Nonvolatile EEPROM retains data even if the battery fails
Operation confirmation:	Blinking LED light inside case
Battery:	User-replaceable, lasts 1 year (CR-2032, lithium), battery check at launch
Operating temperature range:	-4°F to +158°F (-20°C to +70°C)
Relative humidity range:	0 to 95%, non-condensing, (when case is open)
Time accuracy:	±1 minute per week at +68°F (+20°C).
Size/Weight:	4.3 x 3.5 x 1.8" (108 x 89 x 44 mm)/3.3 oz (94 gms)
Case:	Weatherproof enclosure (avoid placing in direct sunlight)



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