

## HOBO® LCD Temp/Relative Humidity Data Loggers With Display and Alarm Output

### HOBO LCD



cod: MAHBD001.0  
Data- logger with display



cod: MAHBV001.0  
Alarm output



cod: MAHBC001.0  
Autodialer

HOBO LCD Temperature/Relative Humidity (RH) Data Loggers display and record temperature and humidity conditions, for use in manufacturing, processing, and storage environments where reliable monitoring and documentation of specific temp/RH conditions are critical. External T/RH probe LCD logger also available.

Data is offloaded via cable to a PC or HOBO Shuttle. An alarm display and built-in relay for use with Remote Alarm/Autodialer accessories assure timely notification of alarm conditions.

### Family Features & Specifications

LCD display of real-time temperature (°C or °F) and relative humidity (RH) simultaneously

- Relay for alarm generation, with optional Remote Alarm and Autodialer to ensure alarm notification of alarm conditions
- User-selectable start time/date, sampling intervals (1 second to 9 hours), set points for high and low temperature/RH alert/alarm limits
- Displays flashing ALERT for out-of-limit alarm conditions
- User-selectable Delayed Alarm feature filters out false trips
- Allows continued logging during data download
- Battery operated with no special wiring required for logger operation
- Over 65K readings capacity
- One-year battery life typical
- Size/Weight: 125 x 92 x 31 mm (4.9 x 3.6 x 1.2"); 170 g (6.0 oz.) w/batteries
- NIST-traceable temperature certification available
- Remote Alarm, Autodialer, and Protective Case Accessories
- Readout and relaunch with optional HOBO Shuttle

### Remote Alarm Features & Specifications

- Adjustable audible alarm level (soft/loud)
- Mute button temporarily silences audible alarms
- Self-test confirms proper indicator operation
- Two inputs provide alarm notification of separate zones
- Powered by 3 user-replaceable AAA alkaline batteries; 1 year battery life (typical)
- Battery status indication
- Size/Weight: 111.8 x 83.9 x 40.7 mm (4.4 x 3.3 x 1.6"); 168 g (5.9 oz)

Azienda con Sistema di Gestione  
per la Qualità certificato secondo

**LAMBDA SpA**

Via dell'impresa – 36040 Brendola (VI) ITALY  
Tel. (+39) 0444.349165 Fax (+39) 0444.349954  
Web [www.lambdaspa.com](http://www.lambdaspa.com) Mail [info@lambdaspa.com](mailto:info@lambdaspa.com)






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**Autodialer Features & Specifications**


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- Dials up to 4 different numbers
- Transmits either voice or numeric messages (for pagers)\*
- Automatically redials busy or unanswered numbers (up to 10 times for each number)
- AC powered (AC adapter included)
- Internal 9V alkaline battery provides 4 hours of stand-by power
- Works alone or in conjunction with remote alarm
- Size/Weight: 152.4 x 101.6 x 38.1 mm (6.0 x 4.0 x 1.5"); 283.5 g (10 oz)

**Software**
*cod: MAHBS004.0*

A software starter kit is required for operation

BoxCar® Pro or BoxCar starter kits are available. Each starter kit includes software, PC interface cable and software manual. If you already have logger software, you can refer to the Logger Software Compatibility Chart. Upgrade to BoxCar Pro 4.3 or BoxCar 3.7.2 available. Use with USB port requires USB-Serial Adapter.

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**SPECIFICATIONS**


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**Temperature**

**Range:** -20°C...+50°C

**Accuracy** ±0.7°C a +20°C

**Response time** 15 minuti con velocità dell'aria 2.2 mph

**Relative Humidity**

**Range:** 15%...95% RH senza condensa

**Accuracy** ±3% range 20%...80%, ±5% altrimenti

**Response time** 15 minuti con velocità dell'aria 2.2 mph

**Working conditions** -20°C...+50°C

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