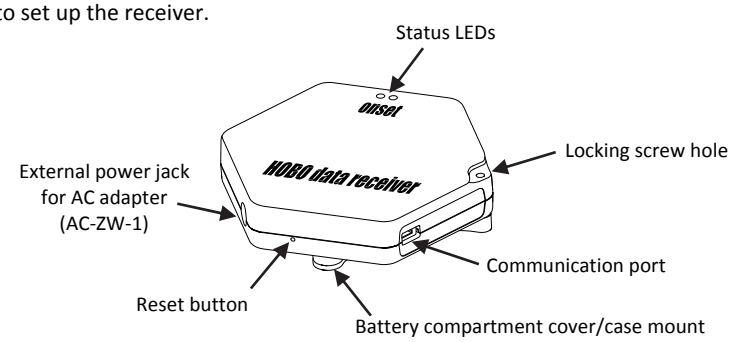
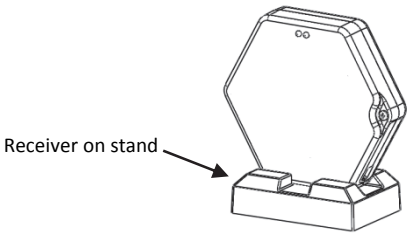
HOBO® Data Receiver (ZW-RCVR)

The HOBO data receiver (ZW-RCVR) collects data transmitted from nodes in the ZW series wireless network and uploads it to a computer running HOBOware® 3.0 or later. The receiver forms the network, stores network information, and relays configuration commands to the data nodes. Refer to the *HOBO ZW Series Wireless Network Quick Start Guide* for information on how to set up the receiver.





HOBO Data Receiver (ZW-RCVR)

Included Items:

- AC adapter (AC-ZW-1)
- 3 AAA batteries
- 1 locking screw
- Adhesive label
- Stand
- HOBOware software
- USB cable
- Quick Start Guide

Specifications

Radio power	1.6 mW (2 dBm)
Transmission range	Approx. 100 m (328 ft), depending on obstructions or interference
Wireless data standard	IEEE 802.15.4, 2.4 GHz band
Operating Temperature	-20° to 50°C (-4° to 122°F) when battery powered, -20° to 70°C (-4° to 158°F) when line powered
Operating RH	5% to 95% non-condensing
Communication to PC	USB cable
Power options	AC power adapter (AC-ZW-1): Input: 100–240 V at 50/60 Hz 0.20 A Output: 6 VDC at 0.5 A Batteries (as backup power): 3 alkaline AAA USB powered: Powered by USB port connection to a computer
Battery life	Approximately 19 hours
Maximum number of nodes	100
Time accuracy	± 1 minute per month at 25°C (77°F)
Memory capacity	3.7 MB
Case material	ABS
Dimensions	96.5 x 108 x 28 mm (3.8 x 4.25 x 1.1 in.)
Weight (with batteries)	138 g (4.87 oz)
CE	The CE Marking identifies this product as complying with all relevant directives in the European Union (EU).
FC	See reverse side

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by Onset Computer Corporation could void the user's authority to operate the equipment.

To comply with FCC and Industry Canada RF radiation exposure limits for general population, the HOBO data nodes, receivers, and routers must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Canada

This device has been designed to operate with the antenna listed below, and having a maximum gain of 1 dB. Antennas not included in this list or having a gain greater than 1 dB are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Approved antenna: Johanson Technologies P/N 2450AT45A100 1.0 dBi chip antenna

FCC Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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