



**Holux GPS
Receiver
Model M-215+**

**Modified for use with
the Allegro Field PC**

**Juniper Systems, Inc.
P/N 13300**

Instructions and notes
on inside



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Holux M-215+ GPS Receiver Instructions

Modified by Juniper Systems for use with the Allegro Field PC

Features of the Holux M-215+

- Super mini size and weight
- 12 satellite channels
- Waterproof design
- NMEA packets: GGA, GSA, GSV, RMC
- Fast TTFF (Time to First Fix)
- WAAS/EGNOS Demodulator
- Low Power consumption

Packing List

- Holux M-215+ GPS receiver with 9 pin female D connector
- Juniper Systems instruction sheet (this sheet)

Modification Notes

This Holux receiver has been modified by Juniper Systems to allow it to plug directly into an Allegro Field PC. The cable has been shortened and a different connector has been attached.

User manual

The user manual, desktop software, and other items are available from Holux's website at <http://www.holux.com/JCore/en/support/support.jsp>.

Instructions for Use

This M-215+ receiver **must** be attached to COM 1 on the Allegro. The COM 1 port supplies the power needed to use the receiver. This receiver does not operate on COM 2.

The Data format output by this receiver is NMEA at 4800 baud, 8 data bits, no parity, 1 stop bit. It uses the WGS84 Datum.

This receiver is intended to be used with the Juniper Systems GPS antenna bracket. See the bracket instructions to mount the bracket onto the Allegro. The GPS receiver has a built in magnet that holds the receiver to this bracket.

There is an orange status light on the top of the receiver. The table below indicates how to interpret this status light:

- Light on: Power on; acquiring satellites
- Light blinking: Position fix acquired; outputting position

Warranty

Juniper Systems warrants this GPS receiver to be free from defects in materials and workmanship, under normal intended use, for 90 days from date of shipment.