

Holux GR213 GPS Receiver Instructions

Modified by Juniper Systems for use with the Allegro Field PC

Features of the Holux GR213

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

Packing List

Holux GR213H GPS receiver with 9 pin female D connector
Holux Tool CD
Juniper Systems instruction sheet (this sheet)

Modification Notes

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

The Tool CD contains instructions for all GPS models produced by Holux. The specifications and user's manual for the Holux GR213H GPS receiver are located on the Tool CD under the GR213 folder.

Any accessory items shown on the Tool CD or in the user's manual found on the Tool CD are not functional with the Allegro. The Tool CD contains a GPS Viewer program that is meant for a Pocket PC and does not operate on the Allegro. You do not need this program to operate this receiver.

Instructions for Use

This GR213 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.



**Holux GPS Receiver
Model GR213**

**Modified for use with the
Allegro Field PC
Juniper Systems, Inc.
P/N 13300**

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