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# JLR-4340

## GPS receiver

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*– a sophisticated “all-in-view” GPS receiver that provides accurate global positioning*

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**12 channel parallel receiver**  
**Built-in WAAS/EGNOS/MSAS receiver**  
**NMEA 0183 output**  
**12-24 VDC supply**  
**RAIM, satellite integrity check**

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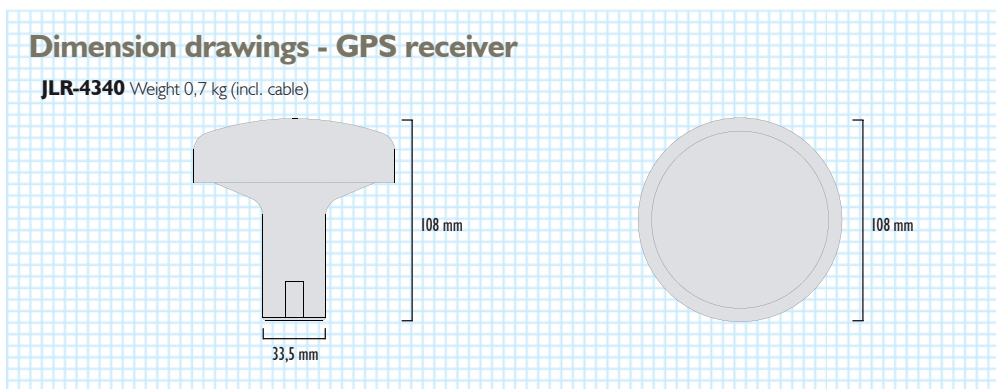
## – specifications

### Unique features

- The sophisticated “all-in-view” JLR-4340 GPS receiver uses up to 12 satellite signals to pinpoint your exact location.
- The JRC GPS receiver integrates DGPS measurement via correction data transmitted from the SBAS satellites (WAAS, EGNOS, MSAS), resulting in an even higher accuracy of current position.
- RAIM functionality is included to assess the integrity of GPS signals in the GPS receiver, assuring higher reliability in global positioning than conventional methods.
- The NMEA0183 output can be configured as version 1.5, 2.1 or 2.3, thus allowing connection with various types of marine equipment including radars, fish finders and plotters.

### Configuration

The base of the GPS receiver is designed for easy installation, either on to a navigation antenna mount unit or on an extension mast (according to 1” x 14 NPT standards). The antenna base includes a slot allowing for easy cable management, significantly reducing installation time.



You can link power supplied by connected GPS navigation equipment, directly to the GPS receiver.

Model		JLR-4340
GPS receiver		
Receiver type	multi channel (12CH, WAAS, EGNOS, MSAS) all-in-view	
Frequency	1575.42MHz±1MHz	
Sensitivity	-135dBm for acquisition, -138dBm for tracking	
Accuracy	30m 2DRMS (C/A code, HDOP≤4) 7m 2DRMS after correcting SBAS	
Time to first fix	normally 40sec (cold start fix) normally 30sec (warm start fix)	
Position update	normally every 1sec	
DGPS input	RTCM SC-104 ver.2.0 type 1,2,7,9 available	
Data output	selectable NMEA0183: ver.1.5, ver.2.1 or ver.2.3 ver.1.5: GGA, RMC, GLL, VTG ver.2.1: GGA, RMC, GLL, VTG, GSV, GSA, DTM ver.2.3: GGA, RMC, GLL, VTG, GSV, GSA, DTM, ZDA, GBS, GRS, GST, GNS	
Geodetic datum	46 (WGS-84, WGS-72, Japan, America, Canada/Alaska, Europe, Australia, England, NAD-83 and 37 other selectable)	
Input voltage	DC 10.8 to 31.2V	
Power consumption	≤1.5W	
Waterproof	USCG CFR-46/IEC60945	
Cable	incl. 10m cable	

For further information please contact:

All specifications are subject to change without notification.



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