


### SPECIFICATIONS

- Operating Temperature: -25 deg.C to +45 deg.C (ambient)
- Weight: 300g (excluding cable)
- Physical Dimensions: 95 x 72 x 115mm (incl. bracket)
- Enclosure: Rugged, IP65 rated, enclosure with a stainless steel post mounting bracket and supplied with a 25m (80ft) long four core cable for connection
- Mounting Requirements: Horizontally mounted with a clear view of 75% of the sky.
- Electrical Connections: System supplied with a captive 25m length of 4-core (0.22mm sq) screened cable. For distances of up to 50m, the length can be extended by adding an additional length of 7/02 cable. For greater distances, up to a maximum of 200m, a 16/02 (0.5mm sq) cable should be used.
- Receiver Architecture: 12 channel - capable of tracking 12 satellite vehicles simultaneously. Time to first fix - typically less than 10min from cold start.
- Accuracy: Antenna/receiver +/- 1uS  
Master clock outputs +/- 50uS (100uS for 4850)
- MTBF Value: > 50,000 hours
- Designed for: 5000 series master clocks and 4000 series digital clocks

EMC



The 488HS GPS receiver, when installed and used in accordance with our recommendations, complies with European Community Electromagnetic Compatibility Directive 89/336/EEC (as amended by 91/263/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive 73/23/EEC (as amended by 93/68/EEC) and conforms to the following standards:  
 EN 61000-6-1 EN 61000-6-3 EN 60950

JOB NO.:	DWG NO.:	TITLE: <b>488HS GPS Receiver Dimensions + Specifications (for 5x00 series master clocks and 4000 series clocks)</b>	 A.B.N. 69 086 651 014 P.O. Box 115 - 18 Rose Street ANNANDALE NSW 2038 Ph: +61 2 8205 0575 Fax: +61 2 9571 9754 Email: sales@hertzelectronics.com.au Web: www.hertzelectronics.com.au
DATE:	SCALE:	CLIENT:	
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