



Meinberg Radio Clocks

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GPS167BGT: GPS Satellite Receiver HF Modular Rack Case

GPS Satellite Receiver HF Modular Rack Case

GPS Satellite Receiver 19" (3U) HF Modular Case GPS167BGT with frequency output, 2 RS232 Interfaces, 2 Time Trigger Inputs and Error Output

Important Note

This product is no longer available and may have been replaced by a newer product. We will, of course, continue to provide support for units that have already been purchased and are still in use. Please contact our [1][Sales Department](#) for further details.

Key Features

- 2 time trigger inputs
- LC-display, 4 x 16 characters
- 2 RS-232 interfaces
- Integrated satellite receiver GPS167
- Frequency synthesizer
- Antenna-/converter unit (included)

Characteristics

Receiver Type	6 channel GPS C/A-code receiver
Type of Antenna	Included [2] GPSANTv2 antenna with innovative downconverter technology that allows transmission routes of up to 300 m using RG58 cable, 700 m using RG213 cable, and 1100 m using H2010 Ultraflex cable
Display	LC Display, 4 x 16 characters
Interface	Two independent serial RS-232-interfaces, menu configurable
Serial Time String Output	Baud rate: 300, 600, 1200, 2400, 4800, 9600, 19200 Baud Data format: 7N2, 7E1, 7E2, 8E1, 8N1, 8N2 Time telegram: [3] Meinberg Standard Time String , SAT, Uni Erlangen (NTP), SPA, Sysplex, RACAL, NMEA0183 (RMC,GGA,ZDA), Meinberg GPS, COMPUTIME, ION oder [4] Capture String
Time-Trigger inputs	Resolution: 100 nsec, triggered by falling TTL slope Time of trigger event readable via RS232-interface
Alarm output	Synchronous state of the module, relay output (changeover contact)
Antenna Connector	Type-N connector
Form Factor	Rackmount 3U chassis for standard 19" racks
Physical Dimensions	485mm x 132mm x 290mm
Supported Temperature	Operational: 0 - 50 °C (32 - 122 °F) Storage: -20 - 70 °C (-4 - 158 °F)
Supported Humidity	Max. 85 % (non-condensing) at 40 °C
Contents of Shipment	GPS antenna/converter unit and 20 m Cable RG58
RoHS Status of Product	This product is fully RoHS-compliant.
WEEE Status of Product	This product is handled as a B2B (Business to Business) category product. To ensure that the product is disposed of in a WEEE-compliant fashion, it can be returned to the manufacturer. Any transportation expenses for returning this product (at end-of-life) must be covered by the end user, while Meinberg will bear the costs for the waste disposal itself.

Manual

The English manual is available as a PDF file: [5][Download \(PDF\)](#)

Links:

[1] <mailto:sales@meinberg.de>

[2] <https://www.meinbergglobal.com/english/products/gps-antenna-converter.htm>

[3] <https://www.meinbergglobal.com/english/specs/timestr.htm>

[4] <https://www.meinbergglobal.com/english/specs/capstr.htm>

[5] <https://www.meinbergglobal.com/download/docs/manuals/english/gps167bgt.pdf>