



Meinberg Radio Clocks

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GPS-CON: GPS Converter

The Meinberg GPS converter allows the connection of a GPS L1 antenna (1575.42MHz) of other vendors to a Meinberg GPS receiver which uses an intermediate frequency.

The module doesn't provide any DC voltage for powering active antennas, the DC voltage has to be applied externally via the 2-pin screw terminal.

Key Features

- Power for active GPS antenna via screw terminal
- Easy mounting
- Two housing types: 1.) 35mm railmount 2.) Case for wallmount

Characteristics

Type of Antenna	GPS L1 C/A-code antenna receive frequency: 1575.42 MHz
Output frequency	35.42 MHz intermediate frequency for Meinberg GPS receivers
Electrical Connectors	- female N-Norm connector for GPS antenna (option: female SMA connector) - female N-Norm connector for Meinberg GPS receiver - 2-pin Phoenix screw terminal for powering an active antenna
Form Factor	Aluminium housing for 35mm DIN mounting rails Height: 105mm, Width: 85mm, Depth: 104mm Aluminium case for wallmount (bracket holes fit for 19 inch mounting rack) Height: 44mm, Width: 105mm, Depth: 166mm Option: <i>Mounting plate for easy wall mounting or server rack mounting.</i> <i>Height: 2mm, Width: 155mm, Depth: 160mm</i>
Supported Temperature	Operational: 0 - 50 °C (32 - 122 °F) Storage: -20 - 70 °C (-4 - 158 °F)
Warranty	Three-year warranty
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: [1][Download \(PDF\)](#)

Links:

[1] <https://www.meinbergglobal.com/download/docs/manuals/english/gps-con.pdf>