



## 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

<b>Type of Antenna</b>	GPS L1 C/A-code antenna receive frequency: 1575.42 MHz
<b>Output frequency</b>	35.42 MHz intermediate frequency for Meinberg GPS receivers
<b>Electrical Connectors</b>	<ul style="list-style-type: none"> <li>- female N-Norm connector for GPS antenna (option: female SMA connector)</li> <li>- female N-Norm connector for Meinberg GPS receiver</li> <li>- 2-pin Phoenix screw terminal for powering an active antenna</li> </ul>
<b>Form Factor</b>	<p><b>Aluminium housing for 35mm DIN mounting rails</b> Height: 105mm, Width: 85mm, Depth: 104mm</p> <p><b>Aluminium case for wallmount</b> (bracket holes fit for 19 inch mounting rack) Height: 44mm, Width: 105mm, Depth: 166mm <i><b>Option:</b> Mounting plate for easy wall mounting or server rack mounting. Height: 2mm, Width: 155mm, Depth: 160mm</i></p>
<b>Supported Temperature</b>	<p>Operational: 0 - 50 °C (32 - 122 °F)</p> <p>Storage: -20 - 70 °C (-4 - 158 °F)</p>
<b>Warranty</b>	Three-year warranty
<b>RoHS Status of Product</b>	This product is fully RoHS-compliant.
<b>WEEE Status of Product</b>	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>