



## Meinberg Radio Clocks

Lange Wand 9  
31812 Bad Pyrmont, Germany  
Phone: +49 (5281) 9309-0  
Fax: +49 (5281) 9309-30  
<https://www.meinbergglobal.com>  
[info@meinberg.de](mailto:info@meinberg.de)

## EMP226: DCF77 Receiver

DCF77 Receiver EMP226

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### 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This product is no longer available and may have been replaced by a newer product.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

- Straight Receiver with Automatic Gain Control
- Demodulated Time Marks as TTL and LED Output
- Field Strength Indication

## Characteristics

|                               |   |
|-------------------------------|---|
| <b>Receiver Type</b>          | Narrowband tuned radio frequency receiver with automatic gain control, reception frequency: 77.5 kHz, bandwidth approx. 40 Hz   |
| <b>Type of Antenna</b>        | DCF77 indoor antenna AI01   |
| <b>Pulse Outputs</b>          | Demodulated time marks (TTL level, aktiv low or aktiv high, jumper-selectable) for further processing<br>Demodulated time mark output directly drives LED<br>Field strength output directly drives LED  |
| <b>Electrical Connectors</b>  | 5 pin contact strip<br>SMB male connector   |
| <b>Operating Voltage</b>      | +5 V DC   |
| <b>Current Draw</b>           | ca. 15mA  |
| <b>Board Dimensions</b>       | 63,5mm x 35mm, 1,5mm Epoxy  |
| <b>Supported Temperature</b>  | Operational: 0 - 50 °C (32 - 122 °F)<br>Storage: -20 - 70 °C (-4 - 158 °F)  |
| <b>Supported Humidity</b>     | Max. 85 % (non-condensing) at 40 °C   |
| <b>Contents of Shipment</b>   | Scope of supply includes an active ferrite antenna [2] <a href="#">AI01</a> and 5m of RG174 coaxial cable with BNC connectors.<br>Optional: [3] <a href="#">AW02</a> with RG58 and patch cord, other length of cable  |
| <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

There is no online manual available for this product.: [4][Contact us](#)

### Links:

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

[2] <https://www.meinbergglobal.com/english/products/dcf77-indoor-antenna.htm>

[3] <https://www.meinbergglobal.com/english/products/dcf77-outdoor-antenna.htm>

[4] <mailto:info@meinberg.de>