



## 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)

## FM614: DCF77 field strength meter

DCF77 field strength meter FM614

After connecting the antenna the best position for receiving the signal of DCF77 can be detected. The deflection of the FM150 depends on the position and the rotation of the antenna. Additionally the modulation of the DCF77 signal is indicated by LED and by buzzer. The pulses must be clearly identifiable to receive an interference-free DCF77 signal.

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This product is no longer available and may have been replaced by a newer product.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

- Cordless Operation
- Analog Display
- Optical and Acoustical Control of Modulation
- Akku Charging with supplied Power Cable
- Charging Control

## Characteristics

<b>Display</b>	-100dBm to -30dBm (output level of the antenna)  The measured level should be in the range of -100dBm up to -42dBm. If the signal-to-noise ratio is sufficient, the radio-controlled clock should synchronize with these levels.
<b>Reception Monitoring</b>	Optical: LED Acoustical: Piezo Buzzer
<b>Operation Time</b>	@8 hours with charged Akku
<b>Electrical Connectors</b>	BNC female connector power cord receptacle
<b>Operating Voltage</b>	(for Charging only): 230V, @0.5W
<b>Form Factor</b>	Bopla plastic sloped case
<b>Physical Dimensions</b>	64mm x 112mm x 200mm (height x width x depth)
<b>Supported Temperature</b>	Operational: 0 - 50 °C (32 - 122 °F) 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 3m of RG174 coaxial cable with BNC connectors.
<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: [3][Download \(PDF\)](#)

#### Links:

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

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

[3] <https://www.meinbergglobal.com/download/docs/manuals/english/fm614.pdf>