Meinberg Radio Clocks
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DU70: LED Large Display, single-line, showing date/time with seconds

LED Large Display DU70

Key Features

- Stand Alone Clock
- 20mA Interface
- 50mm LED Display for Time and Date
- RS232 interface
- Display for external Clock
- DCF77 Receiver (Option)
- Cascadable

Description

Large display DU70 with good visibility and 50mm height LED characters, working as
 * radio clock with integrated DCF77 receiver (optional)
 * free running clock (with or without automatic changeover in daylight saving)
 * or as externally driven display, via serial timestring (RS232 or current loop)

Characteristics

Form Factor	Plastic coated steel sheet case, black (optional: white)
Display	LED-Matrix Display (7 dots high) for time and date 50mm character height Without RF signal the clock runs on XTAL with an accuracy of $\pm 1 \cdot 10^{-5}$, indicated by LED
Interface	One serial RS232/20mA interface
Data format of interfaces	Baudrate: 9600 baud Dataformat: 7E2 1 active/passive 20mA current loop output (selectable) 1 active/passive 20mA current loop input (selectable) [1]Output string: 32 ASCII characters with date, time and status information
Physical dimensions	682mm x 100mm x 60mm (width x height x depth)
Electrical connectors	2 x 25 pin DSub female connector BNC antenna connector (only DCF77 variant) power cord receptacle
Backup battery type	In case of supply voltage failure the on-board RTC keeps the time based on XTAL for more than 100 hours
Power supply	85-264VAC (50/60Hz) / 120-375VDC
Ambient temperature	0 ... 50°C / 32 ... 122°F
Humidity	Max. 85%
RoHS-Status of the product	This product is fully RoHS compliant
WEEE status of the product	This product is handled as a B2B category product. In order to secure a WEEE compliant waste disposal it has to be returned to the manufacturer. Any transportation expenses for returning this product (at its end of life) have to be incurred by the end user, whereas Meinberg will bear the costs for the waste disposal itself.

Manual

The english manual is available as a PDF file: [2]Download (PDF)

Links:

[1] http://www.meinberg.de/english/products/../specs/timestr.htm
[2] http://www.meinberg.de/download/docs/manuals/english/du70_wrp.pdf