ANZ14/NET: Network Time Display

This product will be no longer offered for sale as of **December 31, 2023**. Further information on the replacement product "**ANZ141**" is available on request. Please contact our [1]Sales Team for further information. **Time and Date Display with NTP synchronized Reference**

ANZ14/NET is a LED display with network (Ethernet) connection. It was designed to display the time (hours, minutes and seconds) as well as the date (day, month, year and day of the week). The free running clock is beeing synchronized cyclic via the network connection (RJ45 10/100MBit) by a NTP [2]time server using the Network Time Protocol.

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This product is no longer available and may have been replaced by a newer product.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 [3]Sales Department for further details.

This product has been discontinued and has been replaced with: [4]

Key Features

- Slave Clock/Display for LANTIME Time Servers
- Good visible LED Display for Time, Date and Day-of-the-Week
- Two Interfaces (RS-232 / RS-422)
- Buffered hardware clock
- Integrated Power Supply (100 - 240 V AC or DC)

Description

The UTC time sent by the NTP server is converted into the users local time by configurable parameters and displayed correspondingly. A dot in the LED display and/ or a numerical error code indicates a malfunction. Configuration occurs via network using a Telnet connection.The ANZ14/NET is a stand-alone free running clock with integrated power supply that is synchronized via network connection using NTP. The 14-digit LED display shows time, date and day-of-week. The display brightness is variable. A serial time string is generated either once per second or once per minute. Baudrate and framing are set to 9600 baud, 8N1. This configuration must not be changed.

Option DIS14/NET with green Display and brightness adjustment
The front panel of the DIS14/NET contains three push buttons. Pressing the button "Mode" for at least two seconds enables the setup menu (LED "Setup" is switched on). This menu allows the configuration of the features provided by the DIS14/NET. All available sub menus are selected by the "Mode" push button while both "Brightness" push buttons (**+** and **-**) are used to set the value or to select the available options.

Characteristics

Display	**ANZ14** 12 numeric LED digits for time and date 2 alphanumeric LED digits for day of the week 14 mm / 13 mm character height (time/date) **DIS14** 6-digit numeric/alphanumeric LED display for time, date, day-of-week and error code Digit height: 20 / 13 mm **ANZ14, DIS14** variable brightness Modulation indicated by LEDs Setup menu for configuration Free running indicated by LED when switching to operation as a free running quartz clock
Interface	Two serial Interfaces: RS-232 / RS-422, configurable by menu, Baudrate: 9600 baud Framing: 8N1 RS-422 Out via COM 0; RS-422 In via COM 1 Output Strings: [5]Meinberg Standard Time String, Atis or SAT-String
Electrical Connectors	9pin SubD female connector RJ-45 Network connector Cold-device power plug
Backup Battery Type	When main power supply fails, hardware clock runs free on quartz basis, life time of lithium battery min. 10 years
Operating Voltage	100 - 240 V AC (50 - 60Hz), 100mA or 9 - 36 V DC, 500mA or 20 - 60 V DC, 250mA (please specify with your order)
Form Factor	Aluminium stack case (optional: black anodised) height x width x depth (72 mm x 144 mm x 132 mm), for cutouts of 140 mm x 68 mm
Feature Option 6	ANZ14 with red digits / DIS14 with green digits
Supported Temperature	Operational: 0 - 50 °C (32 - 122 °F) Storage: -20 - 70 °C (-4 - 158 °F)
Supported Humidity	Max. 85 % (non-condensing) at 40 °C
Contents of Shipment	ANZ14/NET Display, power cable, USB Flash Drive with manual and Meinberg software
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

There is no online manual available for this product.: [6]Contact us

Links:

[1] https://www.meinbergglobal.com/english/contact/
[2] https://www.meinbergglobal.com/english/products/ntp-time-server.htm
[3] mailto:sales@meinberg.de
[4] https://www.meinbergglobal.com/english/products/anz141.htm
[5] https://www.meinbergglobal.com/english/specs/timestr.htm
[6] mailto:info@meinberg.de