



Meinberg Radio Clocks

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SDU/SIN: Frequency Sine (1-25 MHz) Distribution Unit

The SDU/SIN is a distribution unit, designed to provide 12x or 24x sine wave output signals with low additive phase noise (1-25 MHz) via BNC female connectors.

Key Features

- Maximum of 24 outputs in a 1U chassis (2x 1:12 distribution)
- Status LEDs for the power supply units and error relays for signal inputs.
- One or two distribution modules
- Compact 1U housing, 19-inch rack mount option

Characteristics

Input signal	1-25 MHz sine wave, - 8 to + 8 dBm, BNC female
Output signal	1 - 25 MHz sine wave into 50 Ohm, BNC female, Gain 0 dB
EMC Directives	IEC/EN 61000-6-3 Emission standard for residential, commercial and light-industrial environments IEC/EN 55032 Electromagnetic Compatibility of Multimedia Equipment IEC/EN 61000-6-2 Immunity standard for industrial environments IEC/EN 55024 Immunity standard for information technology equipment - limits and methods of measurement
Operating Voltage	PWR-AD10: 100-240 V AC (50 - 60 Hz) / 100-200 V DC PWR-DC20: 20-60, V DC Also available as redundant combination
Form Factor	19 inch multipac metal case 1U/84HE
Power Supply Unit	PSU AD10 UN 100 - 240 V AC Umax 90 - 264 V AC Pmax 15 W ----- UN 100 - 200 V DC Umax 90 - 240 V DC Pmax 15 W PSU DC20 UN 48 V DC Umax 20 - 60 V DC Pmax 15 W
Physical Dimensions	483mm x 43,7mm x 285mm (width x height x depth)
Protection	IP30
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
Technical Support	Meinberg offers free lifetime technical support via telephone or e-mail.
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

The English manual is available as a PDF file: [1][Download \(PDF\)](https://www.meinbergglobal.com/download/docs/manuals/english/sdu-sine.pdf)

Links:

[1] <https://www.meinbergglobal.com/download/docs/manuals/english/sdu-sine.pdf>