



Meinberg Radio Clocks

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SDU/FO: Extension of existing fiber - optical signals with additional fiber optical outputs.

Meinberg SDU/FO devices are the simplest and most convenient way to add more buffered timing signal outputs to your distribution rack. The SDU/FO base chassis can be ordered with one or two distribution modules, each providing up to twelve additional fiber optic signals.

Key Features

- Maximum of 24 outputs in a 1U chassis (2x 1:12 distribution)
- Status LEDs
- Suitable for distribution of unmodulated time codes (IRIG DCLS)
- One or two distribution modules
- Compact 1U housing, even in 24 port version
- 3 Year Warranty

Description

Each distribution module has one input and 12 buffered outputs plus an alarm relay to signal a missing input signal or an internal error. The SDU-FO chassis fits in 19" racks and is available with both AC and DC power supply options.

The alarm relay contact and the status LEDs in the front panel indicate to the operator whether an input signal or an internal error has been detected that could affect the output signal.

The SDU / FO base chassis equipped with one or two distribution modules is ready to amplify and distribute TTL-level signals such as 1PPS, 10MHz and unmodulated IRIG time code. An option is available for a TTL signal input instead of the FO input.

Characteristics

Input signal	FO Module Fiber optic signal, 850nm multi mode (PPS, IRIG-DCLS, 10MHz, ...) optional: TTL input via BNC connector
Signal Delay	FO: rise: 45ns, fall: 45ns
Output signal	FO Modul max. 12 x fiber optic outputs (850nm multi mode) with ST connectors
Physical dimensions	485mm x 45mm x 305mm
Power supply	85-264VAC (50/60Hz)
Power Supply Unit	Standard PSU: 85 ... 264VAC, 47 ... 63Hz Several other power supply units (even for DC power supply) are available upon request.
Form Factor	19" aluminium case (1U) Schroff Multipac
Ambient temperature	0 ... 50°C / 32 ... 122°F
Humidity	Max. 85%
Technical Support	Meinberg offers free lifetime technical support via telephone or e-mail.
Warranty	Three-Year Warranty
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

There is no online manual available for this product: [1][Contact us](#)

Links:

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