

SR1322

IRIG B Transcoder & Generator (parallel BCD outputs)

Features

■ In standard operating mode the transcoder displays the universal time (UT) from a standard IRIG B code input and delivers the time information on a parallel digital BCD output as well as on an IRIGB BNC output connector.

In case of missing input or wrong code, the equipment generates its own IRIGB code and BCD output.

■ The front face of the equipment shows the time under the following formats : Day of the year, Hour, Minute, Second, by 7 digits red LED's segment of 20 mm height.

■ The time resolution on the BCD output is microsecond, the validity of the outputs is indicated by a synchro signal.

■ The Year information isn't included in the standard IRIGB frame. The leap years are managed by a switch located on the rear face of the equipment, indicating if the decoding must be on 365 or 366 days base.

■ The front face's LED's indicate the operating mode (Transcoder/Generator) as well as the year type (365/366).

■ In case of missing input or wrong code, the display blinks with the last right received value or a group of dash ("-----") if the input signal is missing when starting the equipment., before switching in generation mode.

Specifications

■ IRIGB input signal, 1kHz amplitude modulated (1/3,1/1) sine-wave carrier.
Isolated BNC input connector, 600 Ω. Transformer isolated input..
Automatic gain control on the input signal, allowing a 0.3-0.6 V peak to peak, amplitude signal.

■ TTL level on Sub'D 50 pins male or female connector.

■ IRIG B output : isolated BNC connector. Transformer isolation.

■ Power supply : 230 V, CEE standard connector, with fuse, filter & On/Off switch.

■ Dimensions : standard 19" rack mount, height 1U.
(483 x 351 x 45 mm).

■ Weight : 2 Kg.

■ Consumption : 50 W.

■ MTBF 185 000 h.



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Ordering information

