

SERIE HD 10 xx

Serial Digital Interfaces

1,485 GigaBit/s

HD 10 SRG

HD Parallel to Serial Converter
HD Serial Test- and Sync Generator

The HD 10 SRG is a cost effective and high compact High Definition Serializer, converting parallel digital HDTV to a serial digital Datastream according SMPTE 292).

The HD 10 SRG provides automatic input scan rate detection.

Output is provided for studio requirements with a data rate of 1.485 Mbit/s (2xBNC)

Option

A build-in test generator provides a variety of test patterns to facilitate output alignment. The test generator is locked to input timing when available.

In free-run mode the HD 10 SRG can be used as a Serial digital test generator, switchable to the supported standards.

The parallel input pin out (D-sub 50) is switchable to either Panasonic or Philips/BTS standard

Features

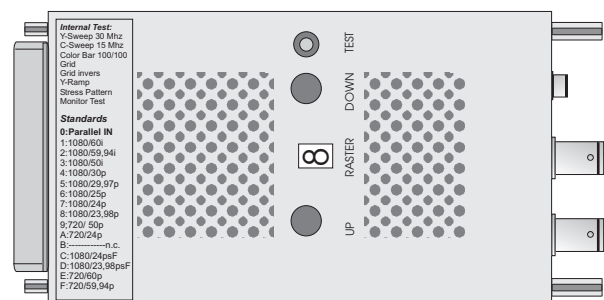
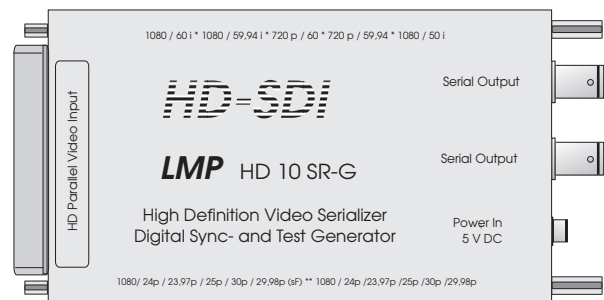
- ° HD Parallel Input
- ° Plugs directly into D-sub parallel connector of source equipment
- ° Powered by wall plug-in Power Supply
- ° Supports 720p, 1035i, 1080i formats
- ° 24/25/30 p(sF) formats
- ° 24/25/30 p formats
- ° 50/59,94/60 Hz field freq.
- ° Build-in test generator
- ° Compact size: 130x80x25 mm

Standards 0:Parallel IN

- 1:1080/60i
- 2:1080/59,94i
- 3:1080/50i
- 4:1080/30p
- 5:1080/29,97p
- 6:1080/25p
- 7:1080/24p
- 8:1080/23,98p
- 9:720/ 50p
- A:720/24p
- B:-----n.c.
- C:1080/24psF
- D:1080/23,98psF
- E:720/60p
- F:720/59,94p

Internal Test:

- Y-Sweep 30 Mhz
- C-Sweep 15 Mhz
- Color Bar 100/100
- Grid
- Grid invers
- Y-Ramp
- Stress Pattern
- Monitor Test



Specifications

Input

HD parallel video signal on male 50 pin connector to attach directly to the source equipment by securing the mounting screws to the source female connector.

Pin out conforming to Panasonic and Philips/BTS

Power: 5 V, 8 W regulated

Output

SD-signal: SMPTE 292M, 1.485, 1.485/1.001 Gbps
Return loss: > 15 dB up to 1.485 Ghz
2 Outputs HD SDI on BNC

LMP Lux Media Plan

www.luxmediaplan.de

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