

SERIE HD 10 xx

Serial Digital Interfaces 1,485 GigaBit/s

HD 10 U-SG

UNIVERSAL SYNC- AND TEST GENERATOR

ANALOG AND/OR SERIAL DIGITAL TEST PATTERNS

The HD 10 U-SG is a cost effective and high compact High Definition Test Generator, providing a variety of high quality analog and/ or serial digital test patterns in the common HD video standards.
In addition the HD 10 U-SG is usable as a digital to analog converter and parallel to serial converter.

The input format has to be conform to SMPTE 292 M (1,485 and 1,485/1.001 Gbit/s).

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

The HD 10 U-SG provides automatic input scan rate detection.

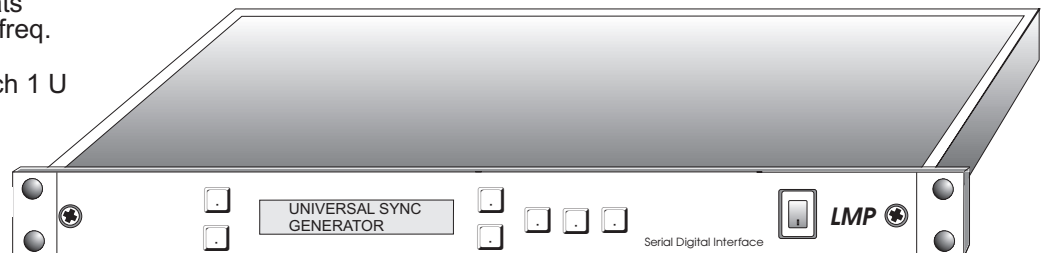
Output is provided for studio requirements in 20 bit differential type.

Features

- High Quality serial reclocking
- HD Parallel Input

- Powered by Universal Power Supply
- Supports 720p, 1035i, 1080i formats
- 24/25/30 p(sF) formats
- 50/59,94/60 Hz field freq.

- Compact size: 19 inch 1 U



Specifications

Output

HD parallel video signal on male 50 pin connector.
Pin-out conforming to Panasonic and Philips/BTS
SD-signal: SMPTE 292M, 1.485, 1.485/1.001 Gbps
Return loss: > 15 dB up to 1.485 Ghz
Jitter: < 100 ps
2 HD SDI 2x BNC
1 set analog component 3x BNC
1 set analog RGB/HV 15 pin HD-sub

Input

SD-signal: SMPTE 292M, 1.485, 1.485/1.001 Gbps
Return loss: > 15 dB up to 1.485 Ghz
1 equalized and reclocked output HD SDI
2x BNC
1 set