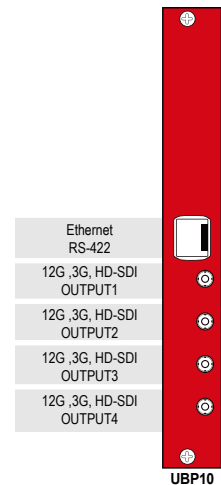


KUTG10

KUTG10
12G, 3G, HD-SDI Test Pattern Generator with embedder audio signal

Features

- Two Sample interleave(2S) for 12G-SDI
- 1 individual 12G-SDI test patterns
 - MultiBurst , Ramp, White Box, Black, 75% Color, 100% Color, SMPTE EG-1, Outline, Box, RP219, Moire Outer, Moire Inner, Auto
- Individual offset delay with respect to reference in pixel increments up to one frame
- ANC inserter
- Compatible output formats for each output (only one output frequency can be used at a time while locked to a reference)
- Channel swap identifier
- Lock to HD(Tri-level), SD(B&B) syncs or input
- A 16 character text ident can be overlaid on each pattern
- 64 channel audio generator with adjustable gain and phase for embedded audio test patterns:
 - Sine 10Hz to 20KHz (with out without 6dB dip sequence) - Blits 5.1
 - Lip-Sync (combined with video marker) - Stepped Sweep



Specifications

Serial video output

Number of output	4
Connector	HD-BNC
Signal level	800mV nominal
DC offset	0V±0.5V
Rise/fall time	<28ps nominal
Overshoot	<10% of amplitude
Return loss	<6dB-6GHz to 12GHz
Wideband jitter	<0.3UI

Miscellaneous

Weight	250g
Operating	0°C to +50°C
Dimensions	137 x 296 x 20 mm(HxWxD)

Reference input through RRC

Number of Input	2 on USFR18, 2 on USFR08
Tri-level	SMPTE274M, SMPTE296M
Bi-level	600 mVp-p nominal, 75 Ohm terminated through loop PAL Black Burst ITU624-4/SMPTE318, Composite NTSC SMPTE 170M 1Vp-p nominal, 75 Ohm terminated through loop

Electrical

Voltage	+24V to +30V
Power	12 Watt