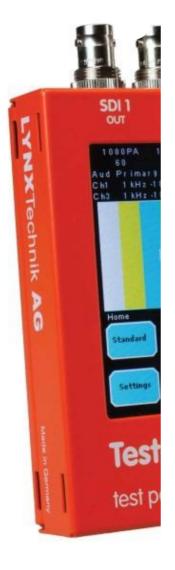


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PTG 1802

"Testor | lite 3G" – SD/HD/3G SDI Test Pattern Generator

Additional information

Specialty SDI 3G, SDI 1.5G, SDI 270MBit, Digital Audio

Product Documentation

- Cut sheet / Specification
- Reference Manual



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Features

SDI Outputs

- 2 x SDI video on 75 Ohm BNC connectors
- Each output is the same format and frequency, but can have different patterns
- SMPTE 424M, SMPTE 292M, SMPTE 259M

Video Formats

- SDTV 270Mbit: 525 (480i/59.94), 625 (576i/50)
- HDTV 1.5Gbit: 1080i/60, 1080i/59.94, 1080i/50, 1080p/30, 1080p/29.97, 1080p/25, 1080p/24, 1080p/24.98, 1080psf/25, 1080psf/24,1080psf/23.98, 720p/60, 720p/59.94, 720p/50, 720p/30, 720p/29.97, 720p/25, 720p/24, 720p/23.98
- HDTV 3G: 1080p/60, 1080p/59.94, 1080p/50

Multiple 3G Streaming Modes

- One 3G stream, on both connectors. Direct mapping Level A (SMPTE 425)
- Two individual 1.5G streams, one per BNC Connector. Dual Link. (SMPTE 372)
- Two individual 1.5G streams multiplexed into a single 3G stream.
- Dual Link Level B (SMPTE 425)

Embedded Audio Generator

- 4 x independent audio channels (2 Stereo pairs) each with adjustable level and frequency
- Preset frequency selections: 50, 100, 200, 250, 400, 500, 800, 1k, 2k, 4k, 8k, 16kHz
- Level adjustments: 0 to -79dBFS in 1dB steps
- All 4 channels available to both SDI output embedders, which can embed 8
 channels into any two groups (selectable). Each SDI Embedder can be configured
 independently with different groups and channel assignments.
- Note: When SMPTE 525 dual stream or dual link mode is used, audio is embedded into both streams.

Analog Reference Sync Output or input (Genlock)

- 1 x analog sync connection. BNC connection, 75 Ohm. Configurable as output or input. (Genlock)
- Reference output is the same standard as the selected SDI output
 - SDTV = Bi-level analog sync output (no burst or video content)
 - HDTV = Tri-level analog sync output
- Reference Input will frequency lock the Testor Lite to the connected reference
 - SDTV = Bi-level analog sync or Black Burst input
 - HDTV = Tri-level analog sync input

Large Internal Pattern Library

• Static Patterns: 100 Split Colorbars, 75 Split Colorbars, 100 Full Bars, 75 Full Bars,

Accessories

Ordering Information

| UPC / EAN | Model | Description |
|---------------|----------|---------------------------------------|
| 4250479320437 | PTG 1802 | Testor Lite 3G Test Pattern Generator |
| Options | | |
| 4250479320451 | PTG CASE | Cloth Protective case for Testor Lite |
| 4250479320444 | PTG BATT | Replacement Battery for Testor Lite |

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