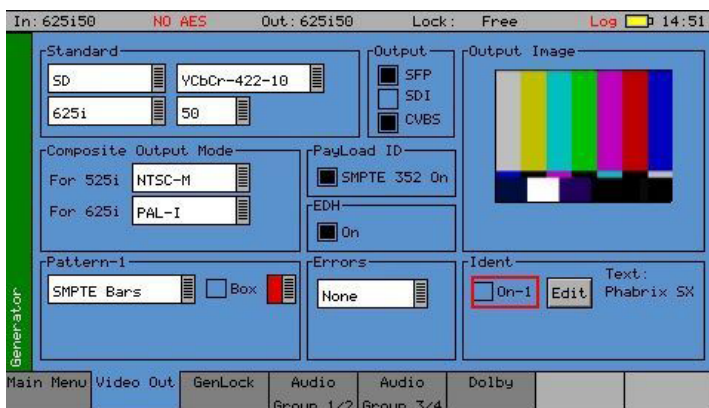


AudioVideo BrandBuilder Corporation



VIDEO AND AUDIO GENERATOR for SxTAG

OPTION CODE: PHSXOGEN



The Generator option adds a professional multi format generator to the Sx TAG model to provide video test signals for analog composite video, SD-SDI and HD-SDI video formats as standard. **3G-SDI + Advanced + 2K format support can be purchased as an additional option.** The Generator option also allows the generation of both analog and digital audio test tones and allows the unit to be locked to an external locking reference.

The video/audio signal generator can be set to any one of 32 line-based, pathological or zone plate test signals as well as user-defined test signals. Test patterns are provided for analog PAL-M, PAL-N and NTSC. 10-bit (12-bit**) digital test patterns are provided for SD-SDI, HD-SDI and 3G-SDI (option) as well as optical digital test patterns via optional SFP modules.

This option also allows the TAG to act as a broadcast quality studio reference generator.

AVAILABLE TEST PATTERNS:

User File	.bmp, .dpx, .yuv, .tga
Color Field	Black, 75% grey, 50% grey, 25% grey, white, red, green, blue, cyan, magenta, yellow
Zone Plate	Moving, static, vertical sweep, horizontal sweep, custom
Color Bars	100%, 75%, 75%+Red, Tartan
SMPTE Bars	219-100, 219-75, 219+i
ARIB Bars	28-100, 28-75, 28+i
Staircase	5 step vertical, 5 step horizontal, 10 step vertical, 10 step horizontal
Pathological	Check field, EQ check, PLL check
Ramp	Luminance Horizontal, Luminance Vertical, Component, Chroma Horizontal
Miscellaneous	Multiburst, Pluge, Bowtie

Analog and digital audio test signals include 17 fixed test tones (100Hz-20kHz), variable test tones (1Hz-24kHz in 1Hz steps), intermittent tone, or white noise that can be applied in audio levels from 0 to -100dB in 1dB steps.

FEATURES HIGHLIGHTS

- COMPOSITE, PAL, PAL-I, PAL-N, PAL-N (Argentina), PAL-M, NTSC-M, M (Japan)
- HD/SD-SDI AND 3G-SDI (3G-SDI format option)
- 32 10-bit (12-bit**) LINE-BASED TEST PATTERNS
- PATHOLOGICAL TEST PATTERNS
- ZONE PLATE TEST PATTERNS
- 17 FIXED AUDIO TEST TONES
- VARIABLE AUDIO TEST TONES

APPLICATIONS

- VIDEO TEST SIGNAL GENERATOR
- AUDIO TEST TONE GENERATOR

AVAILABLE FOR

- PHABRIX® SxTAG ONLY

* Specifications and features described herein are subject to change without prior notice. Please consult the manufacturer's website for the latest data.
** Available through the 3G-SDI Format Option.
PHABRIX is a registered trademark.

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