



PHABRIX®
broadcast excellence

PHABRIX® SxA
Generator/Analyzer/Monitor + AES



PHABRIX® SxA: Announcing the WORLD'S FIRST 3G-SDI, HD-SDI, and SD-SDI portable video test signal generator, monitor and analyzer

With its impressive 4.3" 16:9 TFT monitor and easy to control menu buttons, the PHABRIX® SxA has been designed specifically for the professional broadcast engineer.

The PHABRIX® SxA supports 3G-SDI, HD-SDI, SD-SDI video plus AES audio testing and monitoring - a world's first for such a product and important in an industry where technology quickly advances.

Configured with a full range of test patterns, both static and animated, the SxA is ideal for studio, OB, and lab environments operating from the internal battery or the included AC adaptor.

Auto Bi-level, Tri-level and SDI genlock with cross lock capability.

Combined audio features including support for 16 channels of embedded audio complete the suite of functions.

With built-in USB and Ethernet connectivity for remote operation, the Phabrix® SxA sets a new standard in portable video/audio signal test generation and monitoring.

FEATURE HIGHLIGHTS

- 3 IN 1, GENERATOR / ANALYZER / MONITOR
- 3G-SDI, HD-SDI, SD-SDI, AES
- HIGH QUALITY 16:9 PICTURE MONITOR
- SUPERIOR EASE OF USE
- 32+ VIDEO TEST SIGNALS STANDARD
- TEXT AND LOGO IDENT
- 16 CHANNEL EMBEDDED AUDIO
- AUTO GENLOCK BI/TRI/SDI CROSS LOCK
- 16 CHANNEL AUDIO METERING
- WAVEFORM MONITOR
- VECTORSCOPE
- RUGGED RELIABILITY
- ETHERNET BASED REMOTE OPERATION
- BATTERY + AC POWER SUPPLY





16 Channel embedded audio testing screen

MONITOR

Display resolution	480 x 272 pixels auto scaling
Display type	16:9 24 bit color TFT
Display size	95 x 54 mm
Processing	All digital

VIDEO

SDI	3G-SDI, HD-SDI, SD-SDI
Outputs	1 x 75 Ohm BNC
Inputs	1 x 75 Ohm BNC
Genlock	Bi/Tri/SDI with cross lock
Adjustable timing	0 to 1 Frame
Text Ident	Yes with font, colour, point size
Logo ident	Yes
EDH	Yes (SD-SDI)

VIDEO TEST SIGNALS

Resolution	10 bits
Static Test patterns	32+ including full frame
User defined	DPX, YUV, TGA, BMP
Zone plate	Yes

AUDIO

Internal speaker	0.5 watts
Audio DAC	24 bit stereo
Headphone socket	3.5 mm with auto line out
Generator/Monitor	48 kHz 20-bit (SD-SDI) 24-bit (HD-SDI)
16 channel embedded audio	Yes
AES output	1 x 75 Ohm BNC
AES output	1 x 75 Ohm BNC

AUDIO TEST SIGNAL

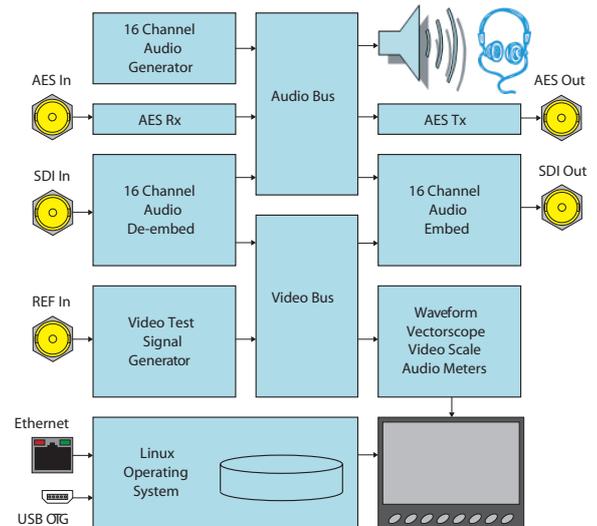
Fixed tones	12
Variable tones	1Hz-20KHz in 1Hz steps
Intermittent Tone	Pulse
White noise generation	Yes
Audio levels variable	0 to -60dB in 1dB steps
Audio phase invert	Yes

GENERAL

Navigation panel	5 menu keys, 8 custom select
Integral battery supply	3 hours lithium polymer
Internal Storage	1GB (upgradable)
Remote control	Web Browser Interface
Ethernet/USB	Yes
Carry case	Included
AC power supply	Included (universal)
Security	Kensington™ lock fitting
Size	H: 92mm W: 225mm D: 42mm

PHABRIX® SxA

3 in 1 Generator/Analyzer/Monitor with AES



Schematic of the PHABRIX SxA (AES version)



AC Power Supply and Carrying Case as standard

Represented in the Americas by

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