



PHABRIX[®] SxA

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 advances quickly.

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

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. Dolby[®] E analysis and generation can be added to the toolset.

With built-in Ethernet connectivity for remote operation, the PHABRIX SxA sets the 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 AS STANDARD
- HIGH QUALITY 16:9 PICTURE MONITOR
- SUPERIOR EASE OF USE
- 32+ VIDEO TEST SIGNALS AS STANDARD
- MOVING ZONE PLATE AS STANDARD
- TEXT AND LOGO IDENT
- 16 CHANNEL EMBEDDED AUDIO
- AUTO GENLOCK BI/TRI/SDI CROSS LOCK
- 16 CHANNEL AUTO METERING
- WAVEFORM MONITOR
- VECTORSCOPE
- RUGGED RELIABILITY
- ETHERNET BASED REMOTE OPERATION
- BATTERY AND AC ADAPTER POWER INCLUDED



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, color, 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

VIDEO INPUT/OUTPUTS

SDI Bit Rates	3Gbps, 1.485Gbps, 270 Mbps
Frame rate selection	Yes
SMPT E Formats supported	See www.phabrix.com

AUDIO

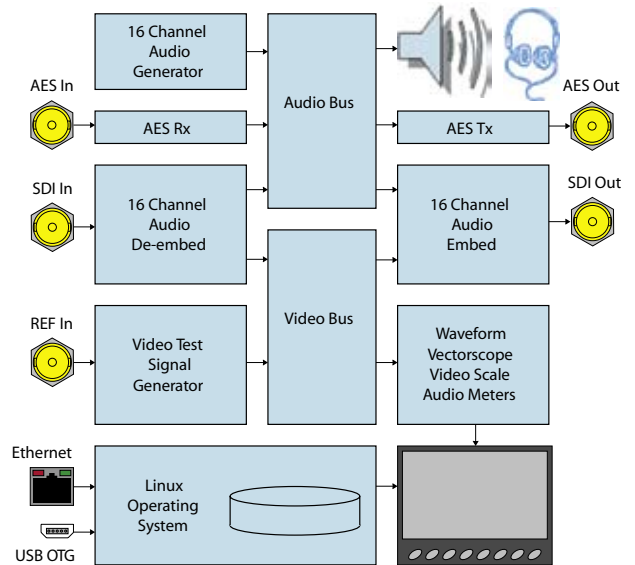
Internal Speaker	0.5 watts
Audio DAC	24 bit stereo
Headphone Socket	3.5 mm with auto line out
Generator/Monitor	48 kHz 20-bit (SD-SDI) 24-bit (HD-SDI)
16 channel Embedded Audio	Yes
AES Output	1 x 75 Ohm BNC
AES Input	1 x 75 Ohm BNC

AUDIO TEST SIGNAL

Fixed Tones	17
Variable Tones	1Hz-24Khz in 1Hz steps
Intermittent Tone	Yes
White Noise Generation	Yes
Audio Levels Variable	0 to -100dB 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	2GB
Remote Control	Web Browser Interface
Ethernet	Yes
Carry Case	Included
AC power Supply	Included (universal)
Security	Kensington™ lock fitting
Size	H: 92mm W: 225mm D: 42mm
Weight	0.7Kgs



Schematic of the PHABRIX SxA (AES version)



Carry case and AC power supply as standard

ORDERING INFORMATION

Hardware
Product code PHSXAES

Options

Please see separate option sheets for available engineering upgrade features.



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