PHABRIX®
broadcast excellence

PICK HIT
BroadcastEngineering
2008

peter wayne
iabm
AWARD
winner 2008

PHABRIX® SxA: The _World's first_ 3G-SDI, HD-SDI and SD-SDI portable video test signal generator, monitor and analyser.

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 worlds'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 either the internal battery or via the included mains 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. Dolby E analysis an 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
PHABRIX SxA (AES)

- **3 IN 1**, **GENERATOR/ANALYSER/MONITOR**
- 3G-SDI, HD-SDI, SD-SDI, AES
- HIGH QUALITY 16:9 PICTURE MONITOR
- SUPERIOR EASE OF USE
- 32+ VIDEO TEST SIGNALS STANDARD
- MOVING ZONE PLATE 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 + MAINS POWER

PHABRIX® SxA 3 in1 Generator/Analyser/Monitor

MONITOR
Display resolution	480 x 272 pixels auto scaling
Display type	16:9 24 bit colour 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

VIDEO INPUT/OUTPUTS
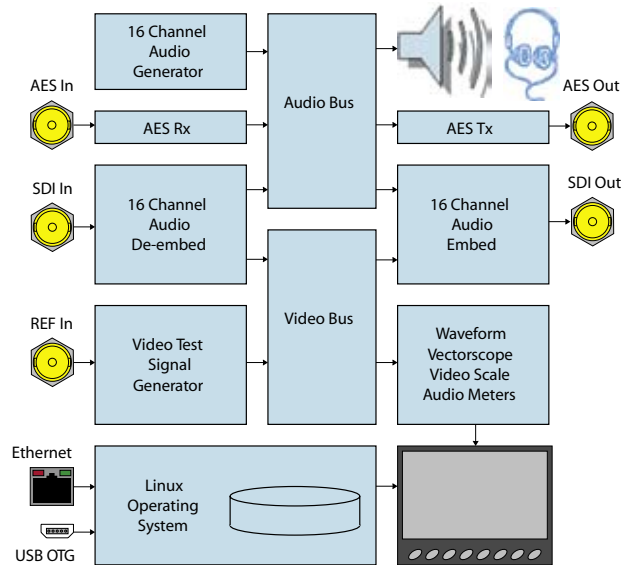|	
SDI bit rates	3Gbps,1.485Gbps, 270 Mbps
Frame rate selection	Yes
SMPTE formats supported	See www.phabrix.com

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

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*Specifications and features described herein are subject to change without prior notice. Please consult our website www.phabrix.com for the latest data.
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ORDERING INFORMATION
Hardware
PHABRIX SX-A   SDI and AES I/O
Product code   PHSXAES

Made in the UK

Options
Please see separate option sheets for available engineering upgrade features.

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