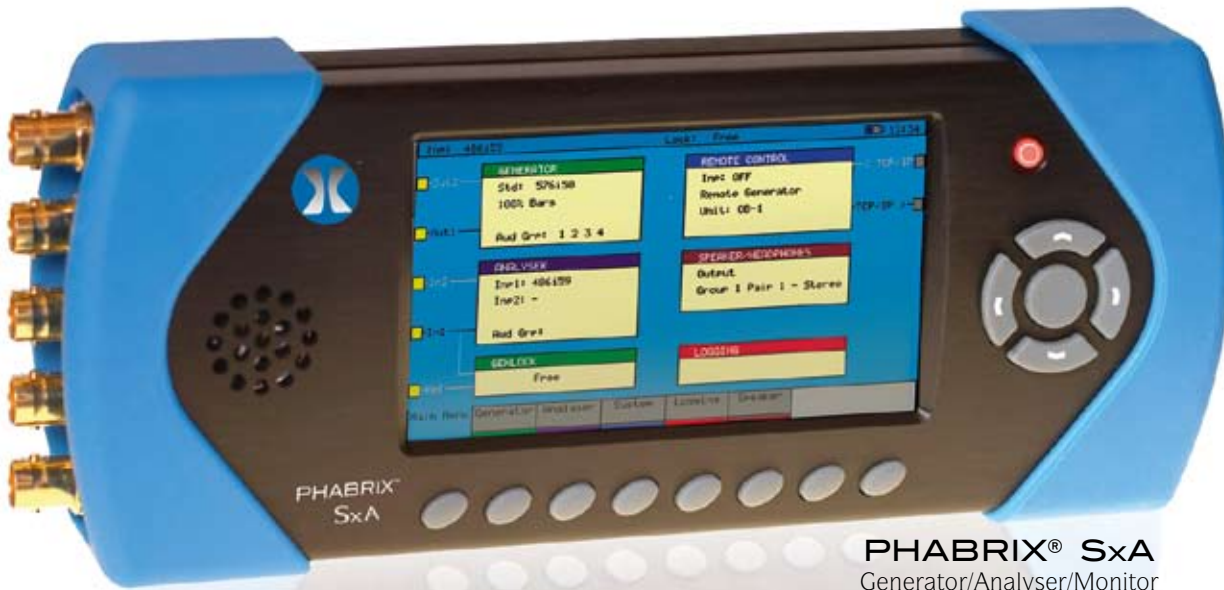




PHABRIX®

broadcast excellence



PHABRIX® SxA
Generator/Analyser/Monitor
AES



PHABRIX SxA: Announcing 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 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 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.

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 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
- 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





16 Channel embedded audio testing screen

PHABRIX SxA 3 in 1 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
Inputs	1
Genlock	Bi/Tri/SDI with cross lock
Adjustable timing	0 to 1 Frame
Text Ident	Yes with font, colour and point size
Logo ident	Yes with full keying control
Safe area generation	Yes
EDH	Yes (SD-SDI)

VIDEO TEST SIGNALS

Resolution	10 bits
Static Test patterns	32+ including full frame
User defined	Yes

FORMATS

A full list of supported SMPTE formats for 3G, HD and SD can be found on our website www.phabrix.com/standards.

These are being added to continually.

AUDIO

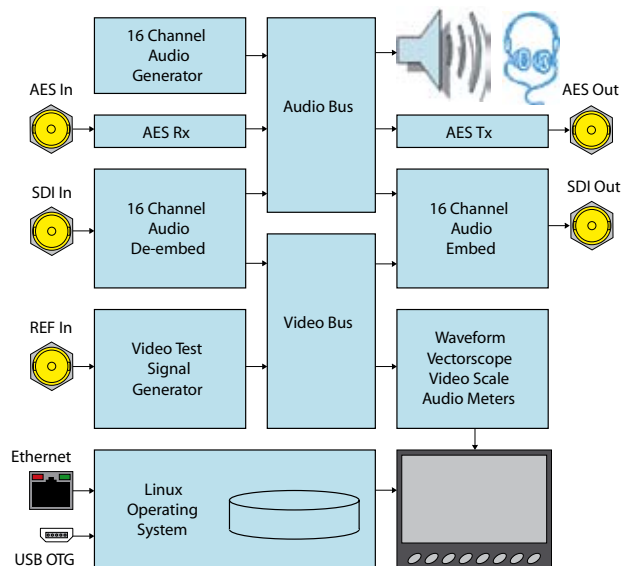
Internal speaker	0.5 watts
Audio DAC	24 bit stereo
Headphone socket	3.5 mm with auto line out
Generator/Monitor	48 kHz 20-bit (SD-SDI) 24-bit (HD-SDI)
16 channel embedded audio	Yes
AES output	Yes 75 Ohm unbalanced
AES input	Yes 75 Ohm unbalanced

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/program
Integral battery supply	Lithium polymer
Internal Storage	1GB (upgradable)
Remote control	Yes
Ethernet/USB	Yes
Carry case	Included
AC power supply	110V-240V input, 5V DC Output
Security	Kensington lock fitting



Schematic of the PHABRIX SxA (AES version)



Carry case and AC power supply as standard



Visit us at www.TestEquipmentDepot.com

ORDERING INFORMATION

Hardware
PHABRIX SX-A SDI and AES I/O

Options

Please see separate product sheet for available engineering upgrade options.