



PHABRIX®
broadcast excellence

**3G-SDI,
HD-SDI,SD-SDI**



PHABRIX™ SxD
Generator/Analyser/Monitor
Dual Link

PHABRIX® SxD: Announcing the World's first Dual Link 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 SxD has been designed specifically for the professional broadcast engineer with dual stream requirements.

The PHABRIX SxD supports 3G-SDI, HD-SDI, SD-SDI video plus dual link support for two 1.485 Gbps SDI streams. The SxD also supports the different colour spaces 4:2:2 YUV, 4:4:4 RGB, 4:4:4 YUV, at 10/12 bit. To support each dual link standard means the SxD has two inputs and two outputs with full CRC/EDH checking on each signal and logging throughout any test procedures. Embedded audio checking is also available.

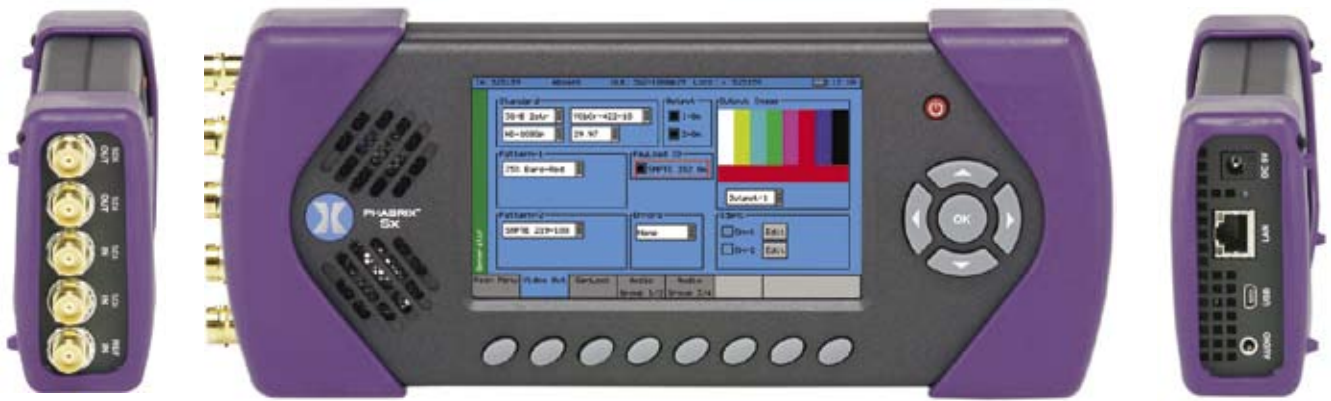
Auto Bi-level, Tri-level and SDI genlock with cross lock capability. Dual studio timing thermometers. Combined audio features including support for 16 channels of embedded audio complete the suite of functions.

Configured with a full range of test patterns, both static and animated, the SxD is ideal for studio, OB, and lab environments operating from either the internal battery or via the included mains adaptor. With built-in Ethernet connectivity for remote operation, the PHABRIX SxD sets a new standard in portable video/audio signal test generation and monitoring.

FEATURE HIGHLIGHTS PHABRIX SxD (DUAL LINK)

- 3 IN 1, GENERATOR/ANALYSER/MONITOR
- 3G-SDI, HD-SDI, SD-SDI DUAL LINK
- OVER 350 SUPPORTED FORMATS
- 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 / VECTORSCOPE
- RUGGED RELIABILITY
- ETHERNET BASED REMOTE OPERATION
- BATTERY + MAINS POWER





PHABRIX® SxD 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 2 x 75 Ohm BNC
 Inputs 2 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 10/12 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

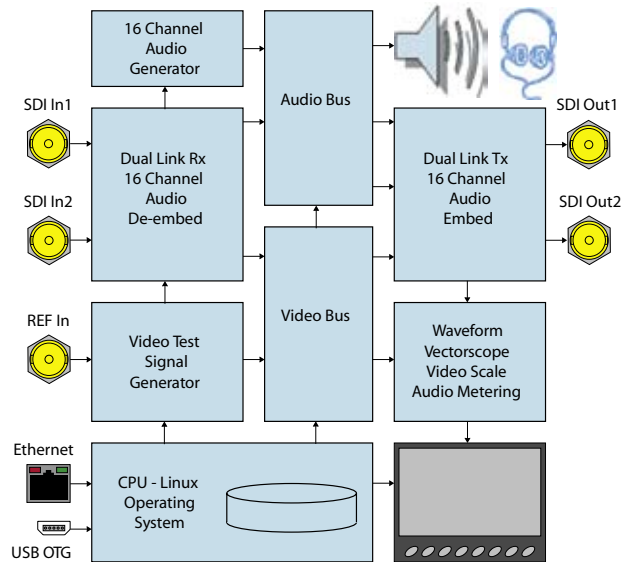
Internal speaker 0.5 watts
 Audio DAC 24 bit stereo
 Headphone socket 3.5 mm with auto line out
 Generator/Monitor 48 kHz 20-bit (SD-SDI) 24-bit (HD-SDI)
 16 channel embedded audio Yes

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 1GB (upgradable)
 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



Schematic of the PHABRIX SxD (Dual Link version)



Carry case and AC power supply as standard



PHABRIX™

PHABRIX® Limited

Omega House, Enterprise Way, Thatcham, Berkshire RG19 4AE

United Kingdom tel + 44 (0)1635 873030

email: info@phabrix.com www.phabrix.com

*Specifications and features described herein are subject to change without prior notice. Please consult our website www.phabrix.com for the latest data. PHABRIX is a registered trademark.

ORDERING INFORMATION

Hardware

PHABRIX SxD SDI and Dual I/O

Product code PHSXDL

Options

Please see separate option sheets for available engineering upgrade features.