PHABRIX® TAG / TAG-C
HD-SDI, SD-SDI, Optical Composite IN/OUT 3G-SDI(OPTION)

Configured as an entry level portable analyzer, the TAG can be easily upgraded using a range of software options to provide a sophisticated instrument for testing broadcast infrastructures.
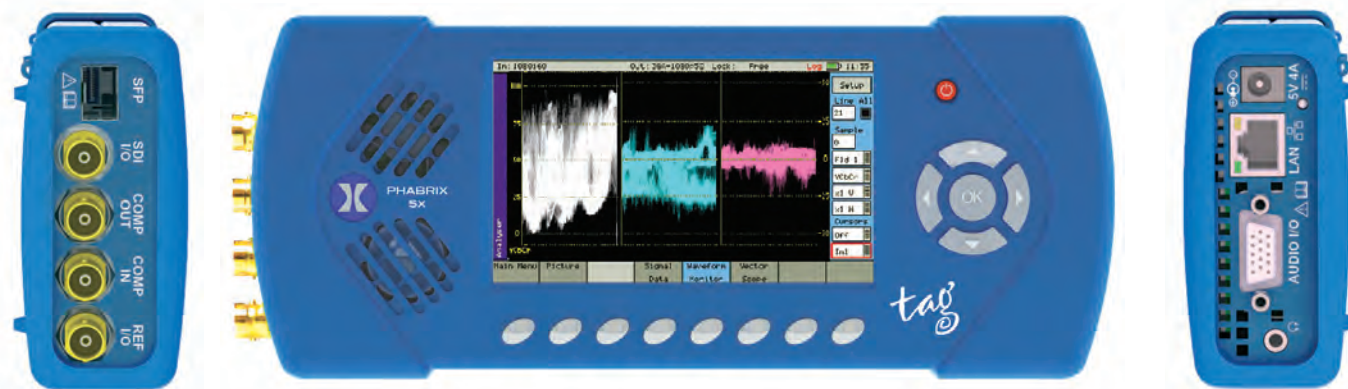
The PHABRIX® TAG has been created to incorporate new interfaces that appeal to customers looking for a cost effective entry into professional test and measurement. The PHABRIX® TAG includes support for SD-SDI and HD-SDI as standard with the option to upgrade to 3G-SDI (Level A and Level B). Composite analysis and generation has been incorporated to support those regions making the transition between analog and digital television.

An SFP cage has been integrated into the design principally for optical infrastructure testing, however, the cage will support a wider range of SFPs as they become available. Composite locking reference generation and input reference waveform analysis have also been included.

For audio support the PHABRIX® TAG provides a D15 breakout connector providing both balanced analog and AES input/output. AES waveform display allows a visual check of levels and reference lock. Advanced audio features including Dolby® E, Dolby® Digital and Dolby® Digital Plus are supported allowing TAG to be considered as a replacement for the discontinued Dolby® DM100.

FEATURE HIGHLIGHTS

- Multi-format Analyzer/Monitor
- SDI Generator is standard in TAG-C. Optional in TAG
- HD-SDI, SD-SDI & AES as standard
- 3G-SDI features as optional
- Analog Composite NTSC/PAL
- Balanced analog audio I/O
- Dual SFP cage for SDI-Optical
- High quality 16:9 picture monitor
- Waveform monitor, Vectorscope
- Reference waveform view, AES view
- 16 channel audio metering
- Dolby bitstream options available
- Comprehensive status logging
- Superior ease of use
- Rugged aluminium construction
- Ethernet based remote operation
- Battery + mains power
- Full range of Sx software options

PHABRIX® Sx TAG Analyzer/Monitor/Generator

MONITOR
Display Resolution	480 x 272 pixels auto scaling
Display Type	16:9 24 bit color TFT
Display Size	95 x 54 mm

SDI VIDEO INPUTS/OUTPUTS
SDI Formats	SD-SDI, HD-SDI, (3G-SDI Option) See www.phabrix.com for currently supported SMPTE formats
SDI Input/Output	1 x 75 Ohm BNC
EDH	Yes (SD-SDI)

REFERENCE INPUT/OUTPUT
Genlock	Bi/Tri/SDI with cross lock
Ref Generator	Bi-level PAL/NTSC +/-5ppm
Generator timing	0 to 1 Frame WRT reference source

COMPOSITE VIDEO INPUT/OUTPUT
Composite Formats	NTSC, PAL-M, PAL-N
Composite Input	1 x 75 Ohm BNC
Composite Output	1 x 75 Ohm BNC

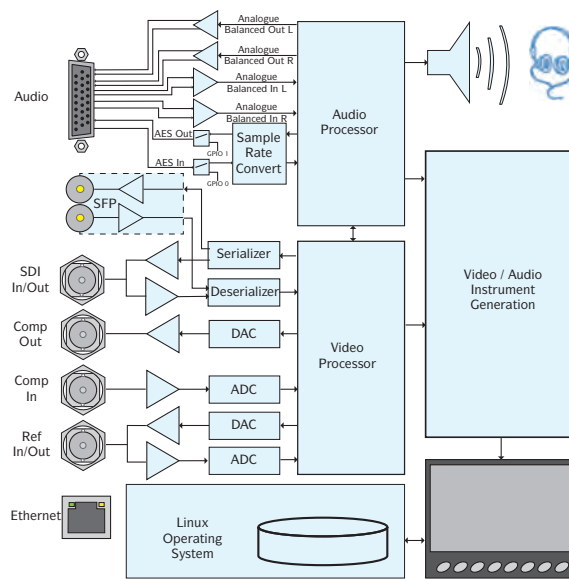## SFP INPUT/OUTPUT
Interface	Single Tx, Single Rx or Transceiver (Non-MSA)
Module Types	SDI Fibre, SDI Coaxial, HDMI See www.phabrix.com for supported modules

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)
Metering	16 channel PPM with phase indication
AES Output	75 Ohm AES Pair via 15-way D-type 75
AES Input	Ohm AES Pair via 15-way D-type
Analog Output	Balanced stereo pair via 15-way D-type
Analog Input	Balanced stereo pair via 15-way D-type

GENERAL
Navigation Panel	5 menu keys, 8 custom select
Integral Battery Supply	2-3 hours lithium polymer
Internal Storage	2 GB
Remote Control	Web Browser Interface
Ethernet	Web server, Remote control (TCP/IP Sockets)
Carrying Case	Included
AC Power Supply	Included (universal)
Security	Kensington™ lock fitting
Weight	900g
Size	H: 92mm W: 225mm D: 42mm

Schematic of the PHABRIX Sx TAG

PHABRIX SFP's sold separately

Carry case and AC power supply as standard

Represented in the Americas by

LEADER

LEADER INSTRUMENTS CORPORATION

Email: Sales@LeaderAmerica.com
Phone: (714) 527-9300
Toll Free: (800) 645-5104
www.LeaderAmerica.com

PHABRIX®