PHABRIX®
broadcast excellence

HD-SDI,SD-SDI
Optical Support Standard
3D-SDI Optional
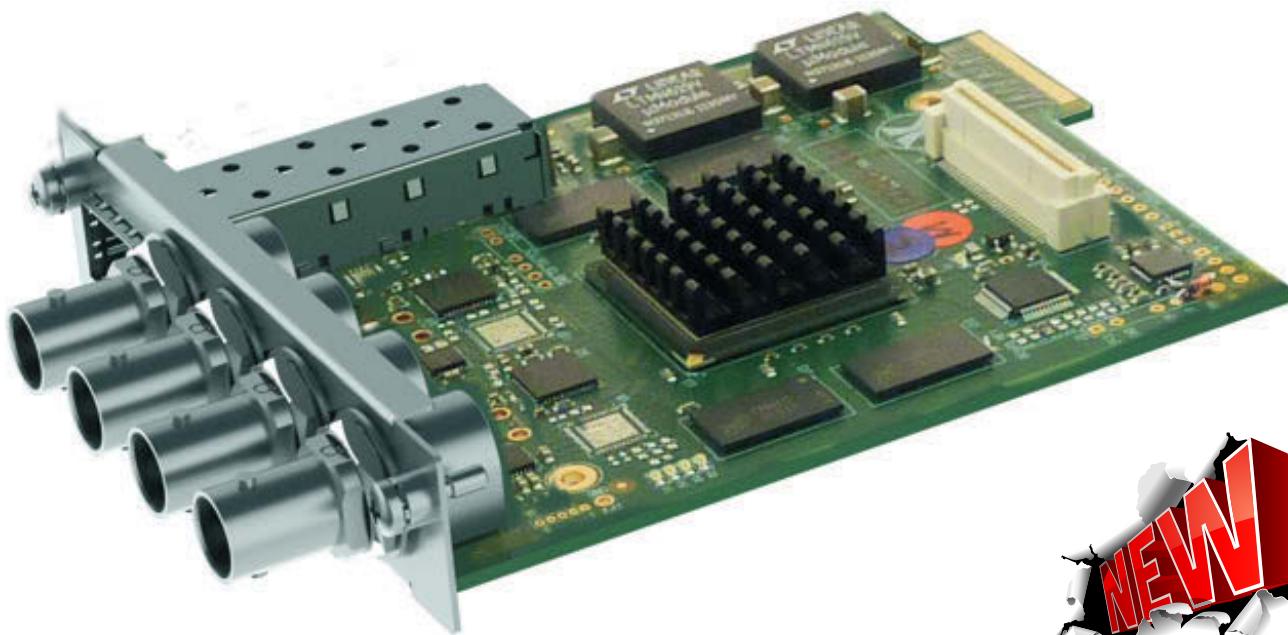
Rx Series Module - PHRXM-A
Single analyzer, dual input

This module allows two signals to be connected and a single connected SDI or Optical video signal to be monitored continuously.

Compatible with the Rx2000, Rx1000 and Rx500 instruments.

The analyser functionality allows two concurrently connected SD-SDI, HD-SDI or Optical inputs to be monitored in the form of a Picture, Vectorscope and Waveform monitor.

The Picture viewer give confidence that the signal is present and is the right feed.

The Vectorscope allows the colour hue, saturation and phase of the signal to be checked along with the bandwidth of the chrominance in the signal.

The Waveform monitor allows the levels of the luminance and colour components to be checked

The audio meter allows 16 channels of embedded Audio to be monitored and the levels can be inspected.
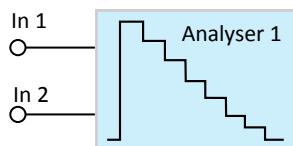
FEATURE HIGHLIGHTS

- HD-SDI, SD-SDI (3G-SDI OPTION) **
- SINGLE ANALYZER, DUAL INPUTS
- PICTURE VIEWER FOR CONFIDENCE
- VECTORSCOPE FOR COLOUR MONITORING
- WAVEFORM MONITOR, LEVEL CHECKING
- AUDIO MONITORING & LEVEL CHECKING

APPLICATIONS

- INPUT FEED CONFIDENCE AND MONITORING
- VIDEO AND AUDIO LEVEL CHECKING

AVAILABLE FOR

- *RX2000 INSTRUMENT*
- *RX1000 INSTRUMENT*
- *RX500 INSTRUMENT*

OPTIONS

- OPTICAL SFP OPTION (PHRXM-OPTAG) *
- 3G-SDI ADVANCED FORMATS OPTION**

PHABRIX® Rx Module: PHRXM-A
Single analyzer, dual input

OPTICAL

A B A   LP2   IN2   LP1   IN1
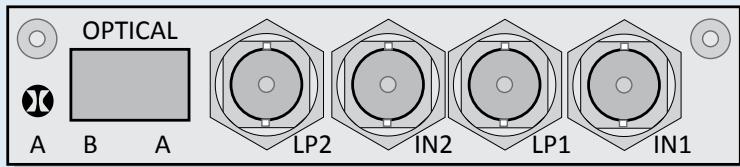
ANALYZER SDI INPUT

Label	IN1 and IN2
Supported standards	SD-SDI or HD-SDI. See Supported formats
Connector	BNC x 2
Input Impedance	75 ohm terminated
Input Return Loss	Better than 15dB (5MHz-1485MHz) and 10dB (1485MHz-2970MHz)
Maximum Input Voltage	+/- 2V
Purpose	Analyser Input

ANALYZER SDI OUTPUT

Label	LP1 and LP2
Connector	BNC x 2
Output Impedance	75 ohm terminated
Purpose	Loop through of IN1 and IN2

ANALYZER OPTICAL INPUT

Label	OPTICAL A and B
Type	SFP Optical Dual RX Module (option PHRXM-OPTAA)
Specifications	SMPTE 424M, 292M, and 259M
Purpose	Optical video/audio input

PICTURE MONITOR

Aspect ratio control	4 : 3 or 16 : 9 (HDMI display only)

WAVEFORM MONITOR

Waveform types	YCbCr, Y, Cb, Cr, GBR, R, G or B
Line selection	Specific lines or all lines

VECTORSCOPE

Graticule	100% or 75%
Scaling	x1, x2, x5 or x10
Line selection	Specific lines or all lines

AUDIO MONITOR

Displayed channels	16 (4 groups of 4 channels)
Audio scale	-18dB or -20db

ORDERING INFORMATION

Product Code	PHRXM-A
Optical SFP Option	PHRXM-OPTAA
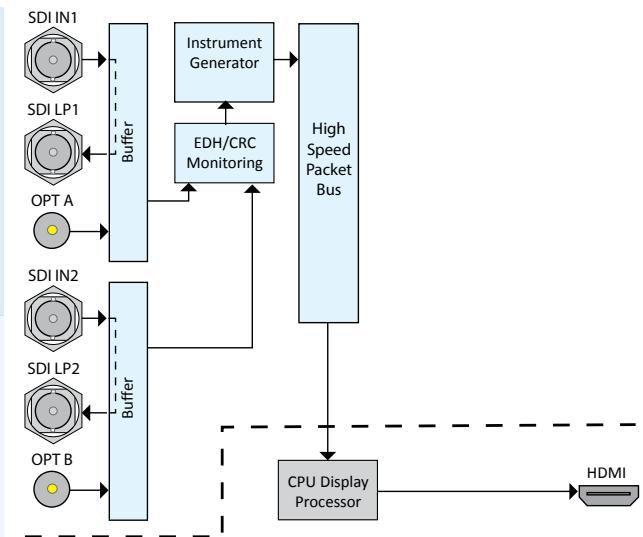
Schematic of the PHRXM-A module

Rx500, Rx1000 and Rx2000 with HDMI output
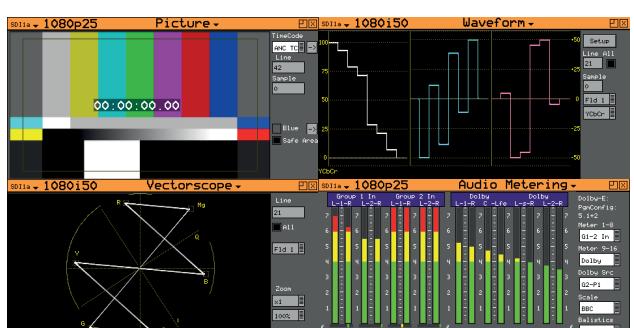
Picture viewer, waveform monitor, vectorscope and audio monitor

PHABRIX®

Phabrix® Limited

Made in the UK