



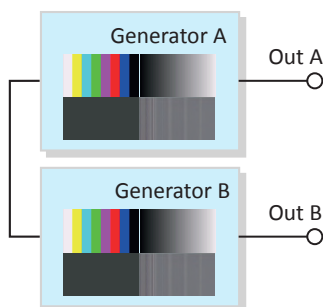
Rx Series Module - PHRXM-GDL Dual Output Generator

This module allows the generation of dual SDI or Optical* video test signals for Dual Link or 3G-SDI applications**.

Compatible with the Rx2000, Rx1000 and Rx500 instruments.

The module provides a dual video/audio signal generator that can be set to any one of 32, 10bit (12 bit**) line-based, pathological or zone plate test signals as well as user defined test signals. These dual outputs are locked together with the same video format and frame rate but can have different test patterns if desired.

Audio test signals include 17 fixed test tones (100Hz-20kHz), variable test tones (1Hz-24Khz in 1Hz steps), intermittent tone or white noise that can be applied in audio levels from 0 to -100dB in 1dB steps.



FEATURE HIGHLIGHTS

- HD-SDI, SD-SDI, (3G-SDI OPTION) **
- 32, 10-BIT (12-BIT**) LINE-BASED TEST PATTERNS
- PATHOLOGICAL TEST PATTERNS
- ZONE PLATE TEST PATTERNS
- 17 FIXED AUDIO TEST TONES
- VARIABLE AUDIO TEST TONES

APPLICATIONS

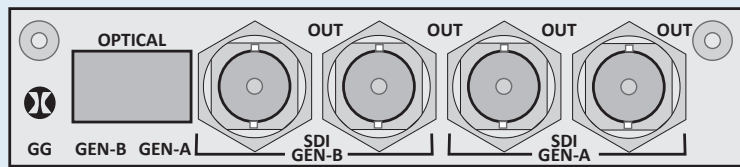
- TEST SIGNAL GENERATION
- DUAL LINK & 3G TESTING

AVAILABLE FOR

- RX2000 INSTRUMENT
- RX1000 INSTRUMENT
- RX500 INSTRUMENT

PHABRIX® Rx Module: PHRXM-GDL

Dual output generator



GENERATOR SDI OUTPUTS

Label	SDI GEN-A OUT and SDI GEN-B
Supported standards	OUT SD-SDI or HD-SDI. See
Connector Output	Supported formats
Impedance Output	BNC x 4
Level Purpose	75 ohm terminated
	+/- 400mV
	Generator Output

GENERATOR OPTICAL OUTPUT

Label	OPTICAL GEN-A and GEN-B
Type	SFP Optical Single RX/TX Module
	(option PHRXM-OPTGG)*
Specifications Purpose	SMPTE 424M, 292M, and 259M
	Optical video/audio output

VIDEO TEST SIGNALS

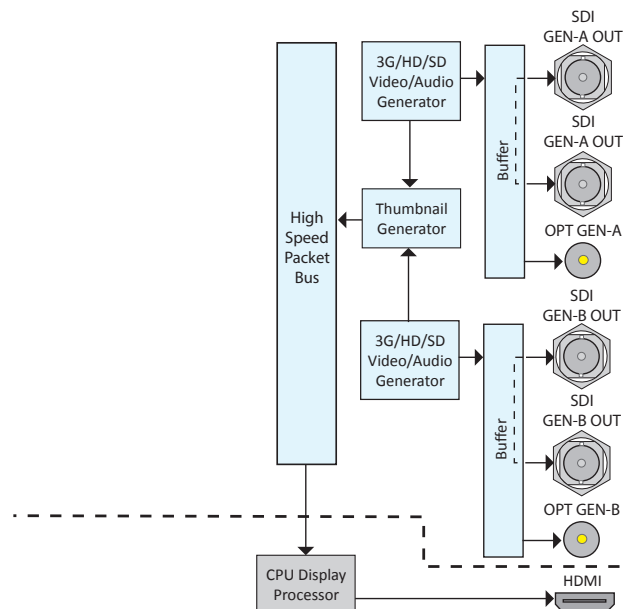
Resolution	10 bits (12 bit**) 32+
Static Test patterns	including full frame
User defined Zone plate	DPX, YUV, TGA, BMP
	Yes

AUDIO TEST SIGNALS

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

AVAILABLE TEST PATTERNS

User File	.bmp, .dpx, .yuv, .tga
Colour Field	Black, 75% grey, 50% grey, 25% grey, white, red, green, blue, cyan, magenta, yellow
Zone Plate	Moving, static, vertical sweep, horizontal sweep, custom
Color Bars	100%, 75%, 75%+Red, tartan 219-100, 219-75, 219+i,
SMPTE Bars	28-100, 28-75, 28+i
ARIB Bars	5 step vertical, 5 step horizontal, 10 step vertical, 10 step horizontal
Staircase	Check field, EQ check, PLL check
Pathological Ramp	luminance horizontal, luminance vertical, component, chroma horizontal
Miscellaneous	Multiburst, Pluge, Bowtie



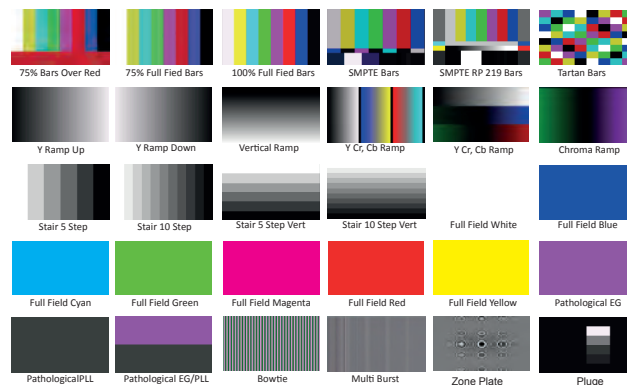
Schematic of the PHRXM-GG module



HDMI 1920 x 1080



Rx500, Rx1000 and Rx2000 with HDMI output



AVAILABLE PATTERNS

ORDERING INFORMATION

Product Code	PHRXM-GDL
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PHABRIX is a registered trademark.

*Specifications and features described herein are subject to change without prior notice. Please consult the manufacturer's website for the latest data.