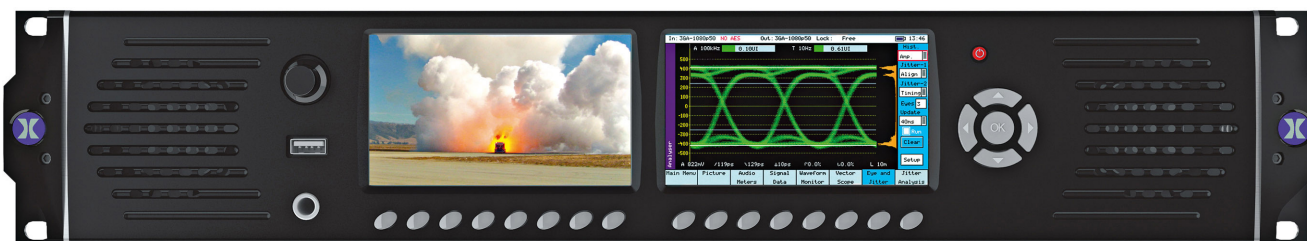




PHABRIX®
broadcast excellence

PHABRIX® Rx2000
Dual Screen Rasterizer



The “Top of the Range” Rx2000 with 2 built-in screens along with HDMI/SDI output makes this an ideal instrument for outside broadcast facilities and engineering bays. Confidence is assured with both video screen and instrumentation available at point of source and MCR with a simple touch of a button control. Video and audio sources are easily selected using the input button control. The focused ergonomics of the Rx mean instruments are never more than two button presses from top level to instrument parameter control.

Clever “tilt-in-bay” engineering allows the Rx2000 to be seen at various eye levels. The Rx2000 benefits from an angled slim profile of only 13cm of depth. As with all of the Rx range, each instrument is very lightweight and benefits from very low power consumption.

The Rx2000 can take up to four modules offering 8 simultaneous SDI channels. Optical is supported via SFP which can be inserted into the cage built into each module providing 8 optical channel support, if required.

With a choice of video and audio modules within its slim 2U profile, the Rx2000 can be found in a range of broadcast environments. Modules are constantly being added to the range with both video and audio support. Physical layer measurement is available as a single eye or dual eye analyzer module.

The Rx2000 supports 16 channels of embedded audio as standard and comes complete with full range stereo speakers. Additionally there is a standard audio jack provided on the front of the instrument for earphones. A front mounted USB port is available for data grab and off-line parameter storage.

FEATURE HIGHLIGHTS:

- 3 IN 1, GENERATOR / ANALYZER / MONITOR
- 3G-SDI, HD-SDI, SD-SDI
- HDMI OUTPUT
- UP TO 8 SIMULTANEOUS SDI CHANNELS
- DUAL SCREEN TFT 480x722 PIXELS
- 4 INTEGRATED MODULE SLOTS
- TILT MECHANISM FOR DIFFERENT VIEW ANGLES
- INTERNAL STEREO LOUDSPEAKER
- EXTERNAL TEMPERATURE CONTROLLED FAN
- EMBEDDED AUDIO 16 CHANNELS DISPLAYED SIMULTANEOUSLY





Rx2000 Front and Rear Panels

DESCRIPTION	Rx500	Rx1000	Rx2000
SD-SDI, HD-SDI as standard	Yes	Yes	Yes
Dual Screen TFT 480 x 272 pixels	No	No	Yes
OLED Display	Yes	Yes	No
Integrated Module Slots	2	4	4
Generator Included as standard	Yes	Yes	Yes
Processing	Digital	Digital	Digital
SDI 3G-SDI (optional), HD-SDI, SD-SDI	Yes	Yes	Yes
Outputs 3G-SDI, HD-SDI, SD-SDI, HDMI up to 1920 x 1080	Yes	Yes	Yes
Tilt Mechanism	No	No	Yes
Internal Stereo Loudspeaker	Beeper	Option	Yes
External Reference/VITC Passive Loop Through	Yes	Yes	Yes
LTC 26-pin high density 'D' type socket	Yes	Yes	Yes
AES Input AES 3-ID (SMPTE 276M-1995)	Yes	Yes	Yes
GPI interface 26-pin high density 'D' socket	Yes	Yes	Yes
Analog Audio Output	Yes	Yes	Yes
Thumb / Button Control	Yes	Yes	Yes
Volume / Gain Control	Yes	Yes	Yes
Embedded Audio 16 channels	Yes	Yes	Yes
Ethernet plus remote control via browser	Yes	Yes	Yes
USB 2.0 host port type A socket + 2 rear ports	Yes	Yes	Yes
Headphone Connector 6.3mm Stereo Jack	Yes	Yes	Yes
Firmware/Software Upgrade via TCP/IP Ethernet	Yes	Yes	Yes
Looping Reference	Yes	Yes	Yes
External Temperature Controlled Fan	No	Yes	Yes
Internal Temperature Controlled Fan	Yes	No	No
Power Consumption (max 60W - depends on modules inserted)	16W	16W	16W
Dimensions (in cm)	21.5 x 4.4 x 13	48.2 x 4.4 x 13	48.2 x 8.8 x 13
Weight (in Kg)	1.3	1.8	2.1

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