

Murraypro Press Release

August 2016 (No embargo)

TV Eye to probe IBC

Following on from its announcement at NAB where diminutive sized pre-production “*TV Eye*” generated considerable interest amongst Visitors to the Murraypro Stand, September’s IBC sees the European launch of the production model.

“Our Lab has been extremely busy, together with field trials and feedback received following the Vegas Show, a number of software refinements have been incorporated into *TV Eye*. We have now realised the fruits of the development phase and are truly delighted with the performance achieved, resulting in a powerful, compact, hand held A+V investigative tool. We are particularly pleased with the performance of our recently enhanced dot interpolation” said Justin, Murraypro’s chief Design Engineer and holder of several Patents.

TV Eye powers incredibly quickly and is fully operational in under one second! So, unlike big brother this SDI-only unit does not require *Test Chest’s* magic ‘Which-Wire?’ sensor. Following presentation of a source to the input BNC the Unit automatically powers up, detects that IP’s standard, then selects the most appropriate mode to optimally display the source found, whether CVBS, SDI, AES, Tri-level or even Composite sync.

TV Eye’s ‘Jewel in the Crown’ is the integral Eye display, an unheard of luxury at this price point. Tracking inputs from SD through to 3G, Eye mode performs a sequence of automatic measurements on the ‘Raw’ signal, with the results displayed on a banner. ‘Raw’ mode is only appropriate for use close to the source via very short cables; and the ‘Equalised’ mode may be selected for applications involving significant cable runs, although only Jitter measurements are practical, since inevitably all envelope shape and amplitude information has been sacrificed and only zero-axis timing remains after equalisation.

Simultaneous Alignment and Timing jitter measurements are presented in histogram format when the Eye display is selected. The histogram snaps from green to red when a limit violation is detected, with auto-standards logic ensuring use of the correct monitoring parameters. Histogram excursions that exceed jitter tolerance for the detected standard will also illuminate the front panel alarm lamp.

Audio has not been forgotten, and the miniature stereo loudspeakers give a good account of themselves, with headphone OP too for privacy or higher quality monitoring. Naturally too *TV Eye* also offers traditional WFM, Vector or 16 Ch audio displays in addition to a TV mode; the latter offering simultaneous Jitter or Stereo histograms too. These screen photos show the high quality of the displays closely emulating the traditional heritage CRT display.

More than you expected, and for less than you thought!

See Murraypro at IBC in Hall 8 on Stand B-38.

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Hi Res Images: “TV Eye”, “HD Eye”, “HD Vector” & “625 WFM”