



RAI Convention Center Hall 10 Stand B48

PRESS RELEASE

HYBRID MULTIVIEWER MONITORS BLACK MILAN

Amsterdam, 11. September 2008

Exhibiting at the IBC '08 Show in Amsterdam, TAMUZ Broadcast Monitors presents their range of customized and unique LCD Video Monitors.

At this event TAMUZ presents some highlights from their LCD Video Monitor product range, which are developed and manufactured in Henstedt-Ulzburg, Germany. „We making the monitor products the market needs. Our goal is, to design and manufacture monitors with the best image quality, rich features for applications, long-time product availability, at a cost effective price.“ says Erwin W. Lissy, President of TAMUZ Broadcast Monitors.

HYBRID MULTIVIEW MONITORS FOR ANALOG, SD AND HD

New for this years IBC is the BLACK MILAN series. Shown last year as a prototype, now on delivery in several screen sizes and equipped with different numbers of inputs.

There is the smaller version BLACK MILAN 4+1, which has four universal auto-sensing inputs for analog composite and SD/HD-SDI feeding the MultiViewer plus an additional fifth SD/HD-SDI input by-passing the MultiViewer section for direct viewing sources in 1:1 mode. On top there is

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the BLACK MILAN 16+1, which has sixteen universal auto-sensing inputs for analog composite and SD/HD-SDI feeding the MultiViewer plus an additional fifth SD/HD-SDI by-passing the MultiViewer section for direct viewing sources in 1:1 mode.

CONFIRMING CLASS-2

The new monitors confirms the EBU 3320 Class-2 recommendation. The brightness is adjustable in the range of 70 to 150 cd/m², contrast is more than 500:1 and the Black is darker as 0.4 cd/m². This are the recommended range of values the EBU 3320 names for Class-2 monitors.

MORE INPUTS, MORE VALUE

The BLACK MILAN 4+1 series combines the advantages of a flat screen monitor with a Multi-Viewer in one compact system. This 4+1/16+1 concept enlarges the ranges of application of the monitors, for example as switchable preview/program monitor. By-passing the integrated MultiViewer electronics the direct signal is not processed or delayed by the MultiViewer and displays the video without any scaling impairment.

The BLACK MILAN 4+1 is available as 19" rack mountable monitor with a 19" screen (QCM 119W) and additional with screens in the size of 24 and 32 inch. These models QCM 124W and QCM 132W are equipped with FullHD LCD panels and can be uses as desktop or rack mount monitors. High quality image processing with delays not more than one frame for all four universal inputs, auto-detecting SD/HD-SDI and analog composite signals.

UNIVERSAL MULTIVIEW INPUTS

All inputs of the MultiView section accepts analog composite and SD/HD-SDI signals, auto-detecting the format and standard. So an combination of totally different signals like analog NTSC, 1080i @ 50, 720p @ 60 and 1080psf @ 24 is possible to be displayed at once. The synchronization for the screen is user selectable to an input or a fixed vertical frequency.

An internal generated real time clock can be add to the set of video images. Therefor a LTC input is equipped to sync to house reference.

DIRECT DIGITAL INPUTS

The direct SD/HD-SDI input auto-detect format and standard of the input signal to process the image with lowest latency or scaling artefacts.

Several de-interlacer modes are selectable. Progressive formats are always processed in their native vertical frequency. SD and HD formats can be displayed scaled to fit the screen or 1:1 in a pixel-to-pixel mode.

MANUAL OR REMOTE OPERATION

The keyboard at the front or the TCP/IP port at the rear can be used for operation. Using the front panel keyboard four configurable setups are selectable as well as each video in full screen display mode.

All BLACK MILAN monitors comes with a free Windows software to configure the layout via TCP/IP network. The MultiView layout is absolutely without limits. Each video can have any size and any position. UMD, tally and 8-channel audio level metering completes the functionality.

STREAMING THE MULTIVIEW IMAGE

An other unique feature of the BLACK MILAN monitors is the streaming of the MultiView image via TCP/IP. Any external PC system can communicate with the BLACK MILAN monitor to receive the streaming OnScreen image. This feature is useful to have an additional display for reporters or other users without any extra costs.

COLOR ALIGNMENT OF LCD VIDEO MONITORS

BLACK MILAN monitors are, like most of TAMUZ monitors, equipped with AAC, Automatic Alignment and Calibration. A connector for color analyzer probes, like Konica-Minolta, Klein or DK at the front allows an easy interfacing the probe.

The monitors internal processor handles the alignment itself, so no external PC or Test Generator is necessary. The AAC function generates a Lut for the monitor to correct the colormetry and the gamma shading.

COST EFFECTIVE BROADCAST MONITORS

Absolutely cost and space effective are the new „BLACK MILAN“ series. The monitor housings are designed to save rack or desk space in height and depth.

CONFIRMING EBU 3320

This TAMUZ Broadcast Monitors are an ideal solution for all the broadcasters who want to built a control room confirming the EBU recommendations.

Technical specifications, data sheets and manuals are available online for download at www.tamuz.tv. For high-resolution images for press use, please phone or mail.

TAMUZ Broadcast Monitors, established in 1996, a leading brand in the LCD video monitor industry, is a division of the privately owned PTV Professional TeleVision GmbH, founded in 1993, to develop and manufacture LCD monitors for video applications like Broadcast, Entertainment, Medical, Industry and other branches. TAMUZ monitors are sold world wide through a distributor and a dealer network.