

For Immediate Release

Media Contact: Steve Kuyatt
503/627-2001
steven.j.kuyatt@tektronix.com

Tektronix Strengthens Multi-format Waveform Monitor Series with Audio, Enhanced Error Detection, And Remote Connectivity

New Features Offer Extended Monitoring for Audio and Video Standards Validation in One Instrument

BEAVERTON, Ore., February 13, 2003 – Tektronix, Inc. (NYSE: TEK), the market leader in video test, measurement, and monitoring, today announced a new audio option and software upgrades for its innovative series of multi-format waveform monitors.

The complexity of digital audio and video systems require sophisticated instruments to verify the quality and compliance of those signals with industry standards. Broadcasters, network operators, production and post-production facilities, needing to maximize return on equipment investments, require a single instrument that monitors and verifies the quality, content and compliance of audio and video signals. Equipment manufacturers need a powerful waveform measurement tool to help them design, install and maintain digital audio and video systems. Building on the success of its WFM700 multi-format (standard and high definition) waveform monitors, Tektronix has added advanced video measurement features and an optional audio monitoring module to validate standards and document compliance, making a wide range of audio and video measurements possible with a single, powerful instrument.

"These new video enhancements, combined with our digital audio upgrade to the WFM700, extend the instrument's industry leading position and bring Tektronix' precision audio and video measurement capabilities together in a single chassis in the way that our customers asked us," said Todd Biddle, General Manager, Video Product Line, Tektronix. "Video professionals and manufacturers that need to monitor multi-format video and multi-channel audio now have a single powerful tool that does both."

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Multi-channel Digital Audio Monitoring

The new AES/EBU digital audio option and field upgrade kit for the WFM700 Series offers audio monitoring of four channel pairs (up to eight separate channels) from either four rear-panel BNC inputs or audio that is embedded within the digital video signal. When selecting embedded audio for monitoring, the four BNC inputs can be reconfigured to output a de-embedded audio signal, adding to the versatility of the WFM700.

The WFM700 audio monitoring option offers support for stereo, 5.1 and 7.1 multi-channel audio, level bars with selectable ballistics and user-definable scaling, Lissajous (X/Y and L/R) display, channel status display, audio session screen display, audio error checking and logging with embedded presence or AES/EBU lock detection, audio CRC error checking, and other measurement tools.

Powerful Multi-format Video Enhancements

The new firmware upgrade to the WFM700, available free of charge through the Tektronix website, www.tektronix.com, adds new status reporting and error detection features. The WFM700 can now report the presence of ANC data, including critically important closed captioning as well as VITC and ANC time codes. New errors detected include format mismatches, RP165 errors, CRC errors in HD signals, ANC errors, SAV errors, and line count mismatches in HD signals.

A new video session screen, available only on the WFM700, summarizes a variety of statistics relevant to content health and compliance including many of the errors noted above as well as RP165/CRC errors and gamut errors. This new capability offers unique insight into video signal quality over time including the percentage of total content that is in error.

In addition, this new release introduces a powerful set of features that further enhance the product's versatility. A two-pane multimode display presents two different displays simultaneously in a user-definable configuration. New event logging with time-of-day and VITC time stamping preserves critical information and maintains a record for later analysis or documentation of service level. Other features include remote control over Ethernet via a web browser, and remote alarming and preset recall via a 9-pin connector.

Comprehensive Measurements

The Tektronix WFM700 offers a comprehensive set of features to address the needs of television professionals using digital video technology in either standard or high definition formats, with the ability to add audio monitoring. From enhanced error checking with full time-stamping and logging, to sophisticated remote control, and increased functionality via a versatile display, the WFM700 provides flexible and fully automated checking that puts users in control of every important measurement parameter.

About Tektronix

Tektronix, Inc. is a test, measurement, and monitoring company providing measurement solutions to the communications, computer, and semiconductor industries worldwide. With more than 55 years of experience, Tektronix enables its customers to design, build, deploy, and manage next-generation global communications networks and advanced technologies. Headquartered in Beaverton, Oregon, Tektronix has operations in more than 20 countries worldwide. Tektronix' Web address is www.tektronix.com.

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