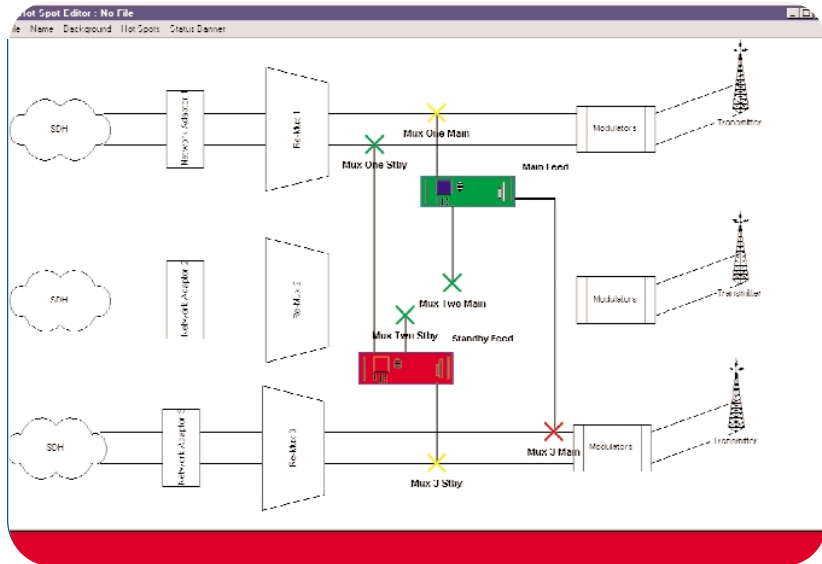


MPEG Measurement Manager

► AD976



Product Information

The AD976 MPEG Measurement Manager in conjunction with Tektronix's SV970/AT970 real-time TR101 290-based MPEG monitoring units provides a comprehensive real time monitoring system for digital television networks. In a typical broadcast network, the monitoring units will be placed at various points along the broadcast chain (for example, at contribution points as well as at the final transmission site), but are controlled from a centralized location. The AD976 provides the central monitoring and control console enabling central feedback display, remote control and configuration of monitoring points. These points are defined in a configuration file, which is easily modified as system monitoring requirements change and new services are added or removed. The resulting system can work with any combination of cable, satellite or terrestrial transmissions using any MPEG-2 based standard including the DVB, ATSC and ISDB standards.

The AD976 requires only a standard Java-enabled HTML web browser and is platform independent. It also utilizes industry standard SNMP, so it can work with high and low speed Internet/Intranet links such as Ethernet or dial up modem connections to remote MPEG-2 Monitors; network security is available to prevent unauthorized access to the network. More than one instance of the AD976 can operate concurrently in a network, permitting (for example) a diagnostic engineer to use a dial up link from a remote location without affecting the main central console display. Each instance can use a different configuration file to permit customized views.

► Features & Benefits

At-a-glance Status of Complex Digital Broadcast Networks Enabled by Centralized 24/7 Monitoring of Transport Streams

Single Point Monitoring/Control of Multi-standard (ATSC/DVB/ISDB) Networks

Connects Via Dial Up or Ethernet Links Enables Usage by Field Engineers via Low Bit Rate Network Connections

Template Checking of Network/Service Information Together with Easy Customization and Re-configuration of System Parameters Ensures Network Compliance with Specific Service Provider Requirements

Configuration/Control of Remote SV970/AT970 MPEG Transport Stream Monitors

Error Prioritization Optimizes Response Times and Service Call Outs

Uses JAVA and SNMP for Platform and Operating System Independence

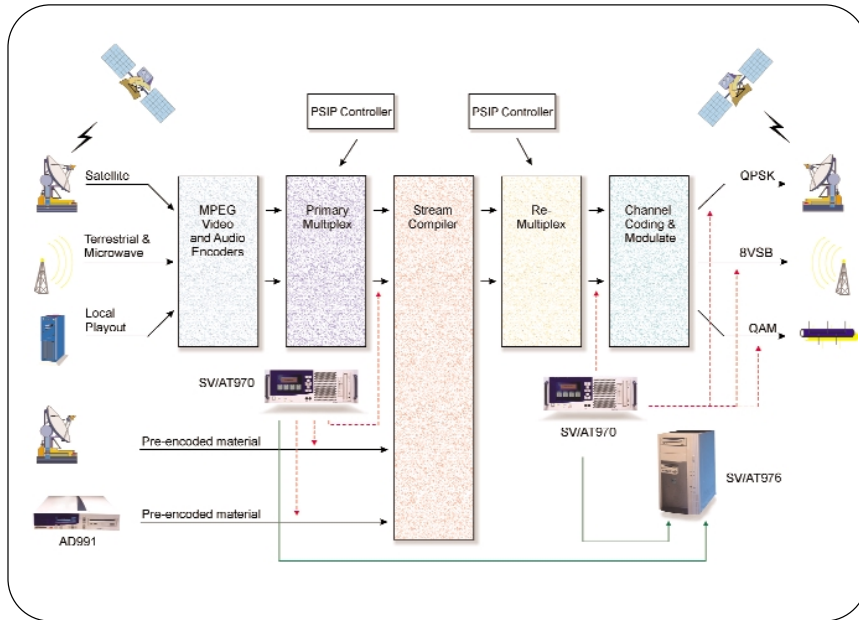
► Applications

Monitoring of Digital TV Broadcast Transmission Networks

Monitoring of Digital TV Contribution and Distribution Networks

MPEG Measurement Manager

▶ AD976



SV970/AT970 is a family of real time monitoring products designed specifically for 24/7 monitoring of digital television transmission networks and is in use with many major broadcasters around the world. It supports all major MPEG-2 standards and many regional and proprietary variations. SV970/AT970 provides extensive fully customizable SI table, repetition and bit rate monitoring as well as the core TR101 290 based checks. Templates provide a powerful mechanism to ensure that a network is correctly configured. Service and network-specific SI/PSIP information such as network, transport and service IDs, service names and PIDS used/not used can be defined in a template file for each bouquet or service in the entire network; these are then dynamically checked against the actual broadcast service information. Refer to the SV970/AT970 specifications for full details and packaging options.

The AD976's unique combination of template files, configuration files, error prioritization, remote parameter and test setting provide an extremely powerful but easy to use comprehensive monitoring system that can quickly and easily be set-up or modified to the exact specification required by operators and service providers.

▶ Characteristics

Requires a JAVA enabled Web Browser.

▶ Ordering Information

AD976 MPEG Measurement Manager – Provides 4 licenses.

Options

AD976A – Additional AD976 single license.

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