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TSL tackles loudness



PAM2-3G16 addresses programme loudness issues

With loudness measurement and control such an important subject among programme creators and broadcasters, TSL has tackled the issue head-on and provided a set of tools giving constant analysis and instant feedback. The new functionality in the PAM2-3G16 anticipates the EBU and ATSC recommendations and gives the user the power to configure their own target and measurement parameters whilst providing practical solutions for monitoring and reporting such as a time-versus-level histogram and 'over target' alarms.

Another new feature for IBC2010 is the ability to delay audio outputs (to internal or external loudspeakers) up to 250ms to compensate for video latency in displays and multiviewers.

Audio delay settings can be configured on a 'preset' basis so that only sources with associated video are affected. When delaying audio decoded from a Dolby E or AC-3 the PAM2-3G16 auto-compensates for the decoding latency to ensure that the output delay remains constant.