TSL SAM-Q-NET and SAM-Q-EDIT

New Tools Add IP Network Functionality to SAM-Q Audio Monitoring Platform



Responding to broadcasters' requirements for cost-effective, networked audio monitoring, TSL expands its renowned SAM-Q Audio Monitor offerings with the new SAM-Q-NET and SAM-Q-EDIT tools. These latest updates, which will be featured at NAB 2022 (Booth C5420), introduce TSL's SAM-Q advanced audio monitoring capabilities to an IP networked world, with support for ST 2110-30, ST 2022-7 and multiple control options including NMOS. On board redundant 1G Ethernet connectivity vastly reduces the cost of deployment for audio monitoring where a 10G connection isn't required.

As audio monitoring moves further towards networked and next-generation platforms and experiences for viewers, the lines are blurring between traditional I/O-led boxes and software-focused solutions. The SAM-Q audio monitor from TSL is unique in its ability to allow users to tailor their operation to different environments. Supporting several operational modes, which can be enabled and disabled as required, the SAM-Q is equally at home in operational positions in studio facilities, OB trucks, master control positions and playout facilities. With the range of modes available, it can be configured to meet the usage requirements and skill level of its location, before menu access is locked down to ensure that the configuration isn't unintentionally changed.

Since control is a key consideration when it comes to broadcast IP installations, TSL made sure to equip SAM-Q-NET with both in-band and out-of-band control options, including NMOS support and a TSL RESTful API, with more planned for the future. By maximising the number of control systems that the unit can be integrated with, TSL is providing users choice and flexibility when it comes to planning their installation, allowing them to choose the right equipment for the task in hand.

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“SAM-Q-NET brings the benefits of the SAM-Q platform to broadcast IP networks, allowing our customers to benefit from the unique mode configuration available on the SAM-Q whilst benefiting from native IP integration, including both audio and control,” says Berny Carpenter, Audio Products Manager at TSL. “Adding IP connectivity to the SAM-Q family means that we now have IP connectivity available across our complete range of audio monitoring units, from the top-of-the-range PAMs to the simple to use MPA range.”

SAM-Q-NET will also offer MADI and loudness software options, which are available as part of the SAM-Q platform, meaning it is possible to add functionality or repurpose the units as and when those features are needed. With a software-driven platform, TSL is also able to provide regular updates, adding functionality to the unit over time to meet ever-changing user needs.

TSL’s new SAM-Q-EDIT is an offline editing tool that allows systems’ designers and engineers to build configurations, apply modes, map sources and loudness probes, enter source names and control front panel interface settings while on the move. It streamlines operations as configurations are ready to load upon arrival at an event, reducing set up time and removing the need to build configurations through the front panel menus. Also, with a visual display of all unit parameters, users can easily view and edit configuration files created on a SAM-Q audio monitor, as well as view a readout of SAM-Q unit information for imported files.

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