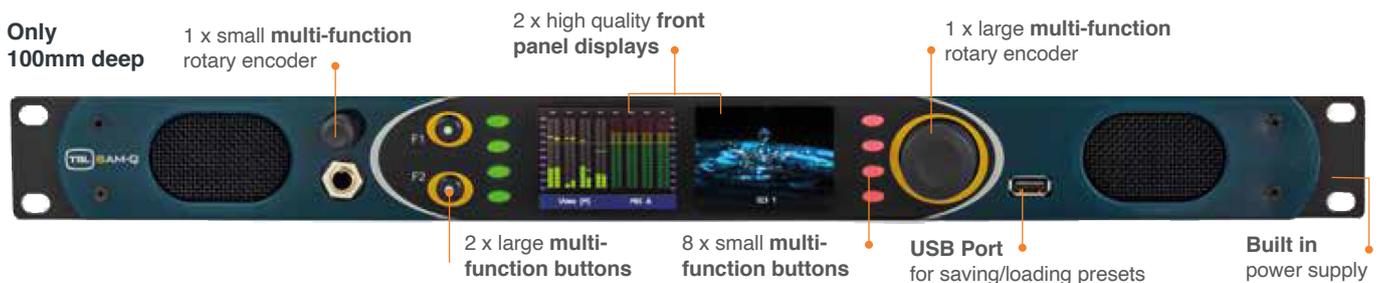


SAM-Q-SDI

Built on the SAM-Q platform, the SAM-Q-SDI gives users the freedom to choose how they wish to select and monitor their SDI, MADI, AES and analogue audio sources.

The SAM-Q range of audio monitors are unique in their ability to allow you to tailor their operation to the environment in which they will be used. Supporting a number of operational modes which can be enabled and disabled as required, the SAM-Q is equally at home in operational positions in studio facilities to OB trucks, master control positions and playout facilities.

With the optional MADI license the SAM-Q-SDI can monitor up to 128 MADI channels, whilst the optional loudness license enables local and remote loudness monitoring of up to 8 independent programs.



FEATURES

- Multiple operational modes allow you to determine how you wish to control and visualise your audio content based on personal preference or application
- Designed to serve all levels of user, regardless of their audio knowledge or experience
- Up to 8 independent mixes provide instant recall of routing configurations, providing maximum coverage of input sources when required
- Optional MADI license enables 128 channels of MADI audio monitoring
- Optional loudness license enables 8 independent loudness probes and remote loudness monitoring
- HDMI output for external video display

STANDARD OPERATIONAL

Meter modes

A traditional audio meter mode, displaying 16 audio level meters view with single and multiple audio channel selection.

Names mode

Displays the source names of 8 audio pairs, with audio presence displays, complete with multiple channel monitoring selection.

Video modes

16 audio level meters with single and multiple channel selection complete with video confidence display.

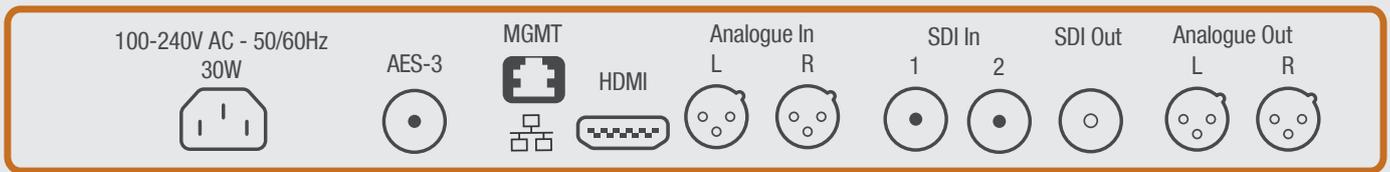
Phase metering mode

Allows one audio source to be selected, monitored and checked for audio phase and displays 16 audio level meters and 1 phase meter.

Mix mode

A graphical representation showing the relative mix levels of up to 16 channels of audio, complete with mix channel selection.

REAR PANEL



SPECIFICATIONS

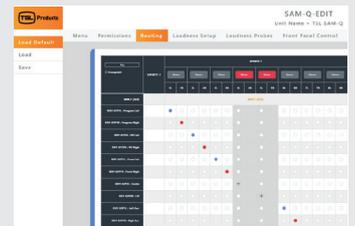
HEIGHT	1RU	SIMULTANEOUS AUDIO CHANNEL DISPLAY	16
DIMENSIONS	483mm x 45mm x 100mm	SDI INPUT & OUTPUT	3D/HD/SD-SDI (SMPTE 424M, 292M, 259M)
POWER	85-264V ~ 50/60Hz 30W Max, Internal	MADI INPUT	48 kHz, 128 Channels via 2x BNC
WEIGHT	1.95 kg	AES INPUT & OUTPUT	SMPTE 276M
DISPLAY	Dual 2.4"	ANALOGUE IN & OUT	2x XLR balanced IN, 2x XLR balanced OUT
MAXIMUM ACOUSTIC OUTPUT	90dB @ 1foot	SIGNAL TO NOISE RATIO	72dB (+4dBu input level, THD+N A weighted)

OPTIONAL LICENSES

- ⓘ Loudness license – enables 8 independent loudness probes, providing short-term, momentary and integrated loudness monitoring. Loudness from all 8 probes may be logged over an IP network with InfluxDB and displayed using Grafana.
- ⓘ MADI license – Enables the SDI inputs to be configured for use with MADI streams. Mix, monitor and measure up to 128 MADI audio channels.

SAM-Q EDIT

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.



ORDERING INFORMATION

Ordering Code	Description
SAM-Q-SDI	1RU Agile Audio Monitor providing seven operational modes tailored for both engineer and operator use. Features dual TFT-LCD displays, 2x 3G HD/SD-SDI inputs with 1x reclocked SDI output, 1x AES-3id input and 1 pair of balanced audio XLR input and output, 2x built-in loudspeakers and HDMI connection, with internal PSU..
SAM-Q-LOUD-LIC	Loudness monitoring license for use with SAM-Q-SDI. Adds a further 3 operational modes to the SAM-Q-SDI and provides simultaneous loudness monitoring of up to 8 separate audio programs. Loudness from all 8 probes may be logged over an Ethernet network with InfluxDB and displayed using Grafana.
SAM-Q-MADI-LIC	MADI license for use with SAM-Q-SDI. Allows one or both 3G/HD/SD-SDI inputs to be switched to MADI, providing a maximum of 128 channels of MADI monitoring, mixing and measurement.