



PROFESSIONAL
PRODUCTS GROUP

NEW AVM-T-MIX

Audio Monitoring Redefined

AVAILABLE NOW



AVM-T-MIX is the worlds first Touchscreen based rackmount audio monitor. Designed for use in creative operational locations throughout the TV Station or Outside Broadcast Truck; with an AVM-T-MIX close at hand, Producers, Directors, Editors, VT Operators, Production Assistants, Journalists and even Presenters have instant access to the audio they need the moment they need it.



*Based on the design principles of TSL's own award winning PAM range, AVM-T-MIX concentrates many of the most commonly used features into an intuitive and simple to use package.

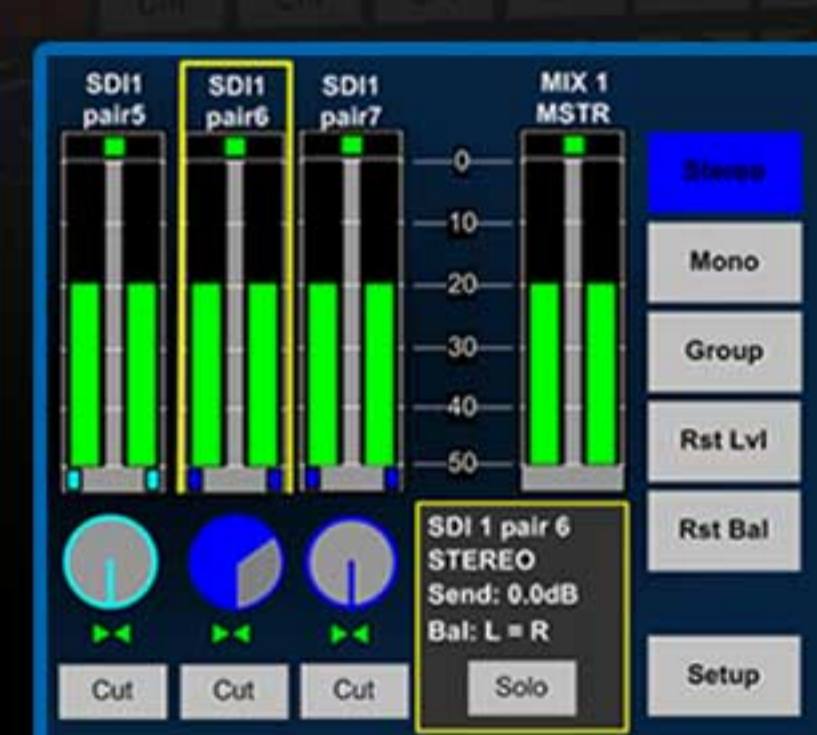


Fig 1. Stereo

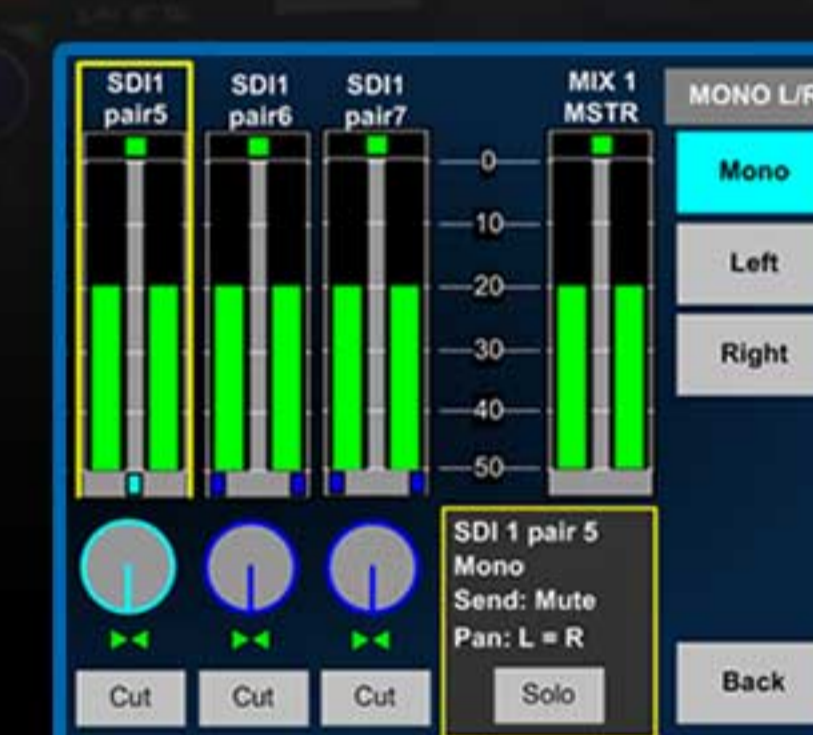


Fig 2. Mono

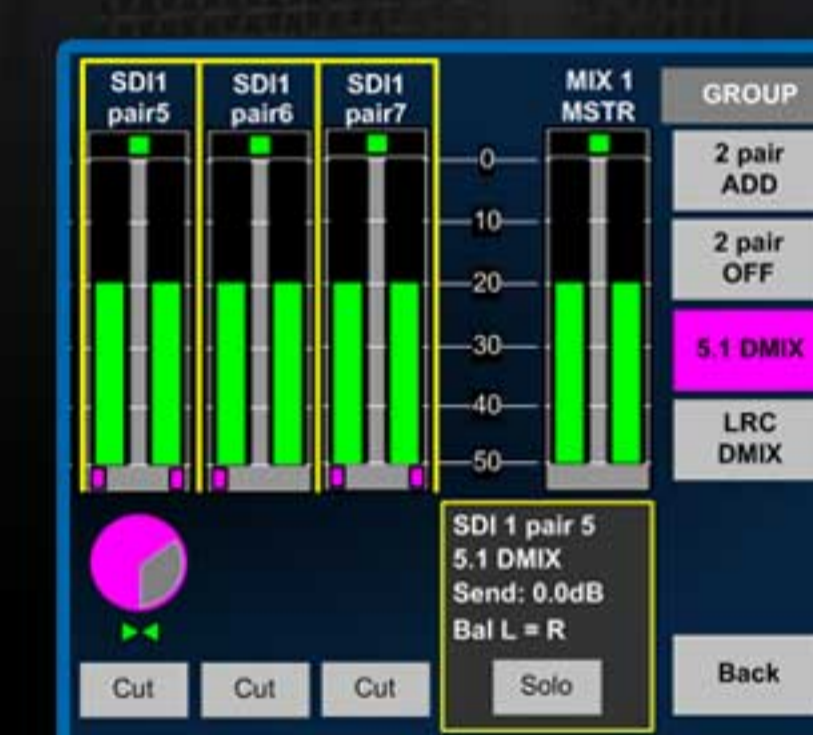


Fig 3. Group (5.1 Downmix shown)

Channel formats can be defined as Stereo, Mono or a group of 2 or more pairs (including 5.1 and LRC Downmix configurations)

> Audio Monitoring at your Fingertips

A typical Broadcast TV production workflow often demands that operators have the ability to hear audio from diverse sources such as routers, VTR/Servers, Talent, and of course, communications. The format of incoming audio signals may vary considerably from SDI embedded to AES and analogue with channel configurations in surround sound, stereo, mono, with multiple languages, clean FX channels and multiple programme mixes further complicating the situation. When signals can vary dynamically during a production or setups alter completely from show to show programme makers need audio monitoring which can adapt and is simple to use.

AVM-T-MIX provides a unique solution to the problem described. In live operation the T-MIX user simply touches the audio channel they wish to hear, adjusts individual levels of each incoming source and can even mix signals together if required.

During setup or 'on the fly' input sources can be given a unique name which appears above the associated bargraph. Channels can be routed by simply touching a destination bargraph for a few seconds and selecting the desired audio from the 'pop up' Input menu.

Total Recall - Snapshot Management

AVM-T-MIX features a comprehensive 'Snapshot' save and recall facility. A total of 18 unique User memories can be stored locally and may be backed up or recalled via the USB port. A single snapshot is defined as the HOME preset. Instantly recalled at the touch of a button the HOME memory gives operators the confidence of knowing that they can revert to a default setup in seconds. Once configured for use, the save/recall feature can be locked to prevent accidental misuse with only the HOME snapshot accessible

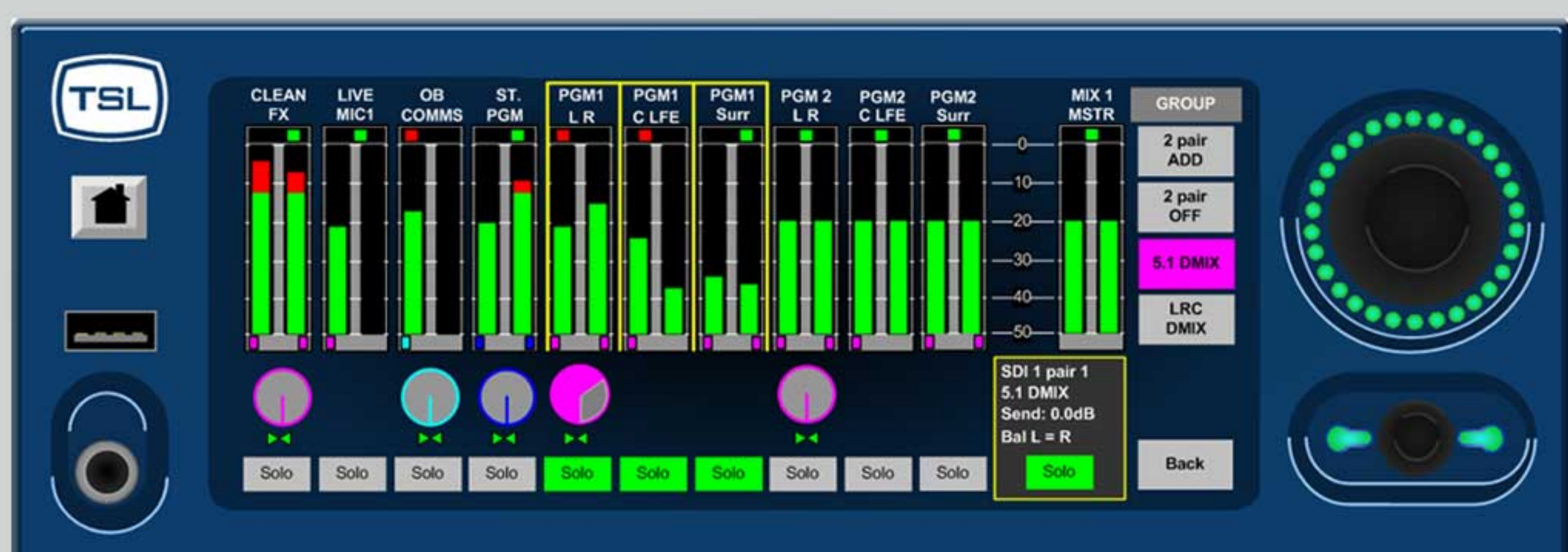


Fig 4. Listening to a Downmix Surround Channel

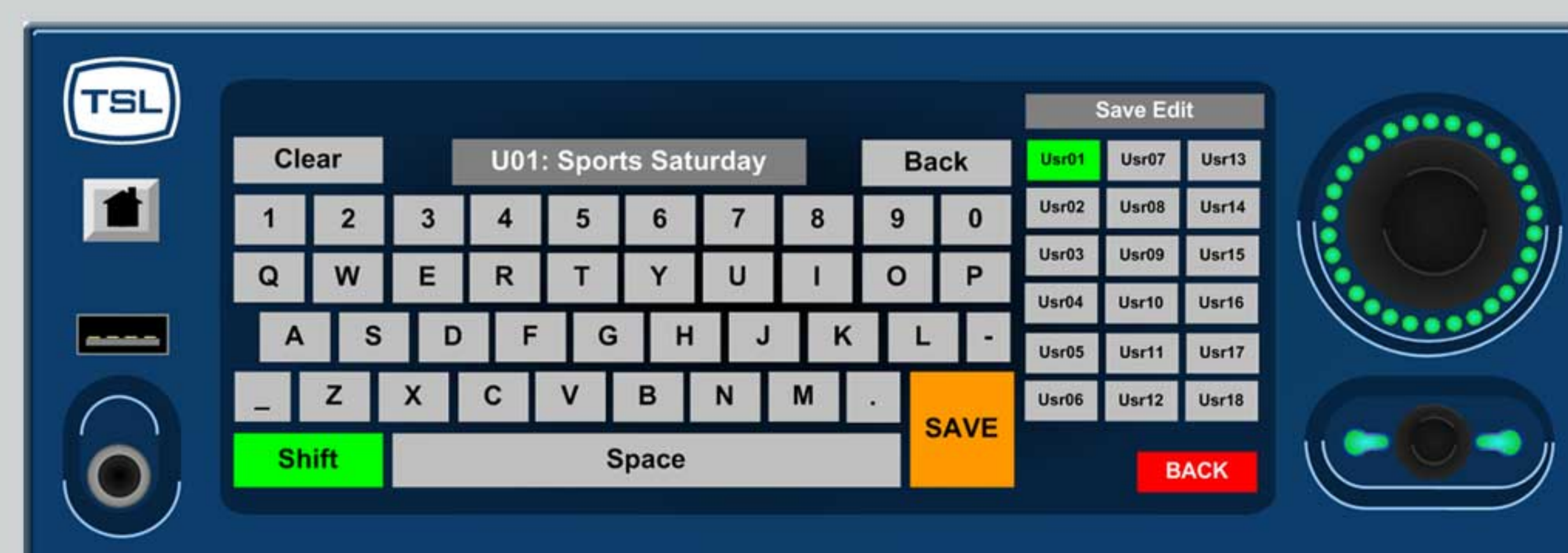
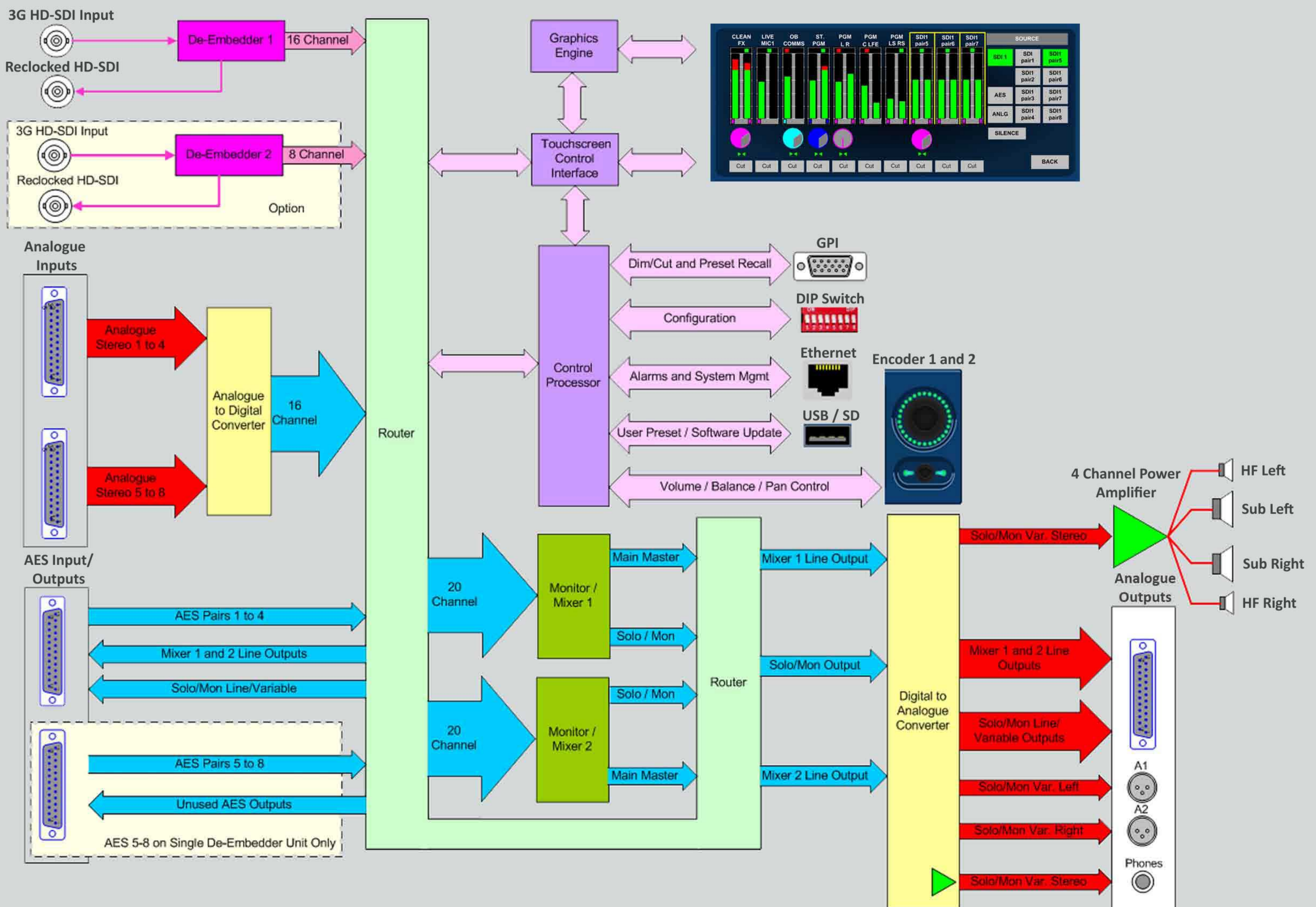


Fig 5. Saving a Snapshot

FEATURES

- Auto-sensing, 1080p (60, 59, 94 and 50Hz), HD/SDI video input
- De-embedded audio monitoring from video (HD/SDI) with intuitive selection from up to sixteen channels (four groups)
- Optional Dual De-Embedder version available
- 8 AES (8 Pairs/16 Channel) Inputs – 110 Ohm Balanced or 75 Ohm unbalanced via optional CAB-D25-BNC cable
- 8 Analogue Stereo Inputs
- Independent Dual audio mixers
- 10 stereo/ 20 dual mono assignable input channels per mixer
- Downmix of discrete multichannel audio to stereo for compatibility monitoring
- Re-clocked HD/SDI video output.
- Choice of user selectable bargraph scales (BBC PPM, EBU PPM, EBU Digital, Nordic, VU and DIN)
- 18 User programmable snapshots.
- 'Home' button for instant recall of user defined default operating condition
- Manage, recall and save favourite configurations via USB stick or SD card
- Fixed or variable analogue stereo outputs (Mixer 1 and 2)
- Fixed or variable AES stereo outputs (Mixer 1 and 2)
- Variable stereo analogue outputs (Monitor Buss)
- Fixed stereo analogue outputs (Monitor Buss)
- High quality internal full range loudspeaker system
- Dual 12V DC inputs
- Serial remote control
- Headphone output with LS muting
- Compact, lightweight (5.2Kg) 2RU case, 320mm deep



Global reseller network

The TSL products division has a network of distributors supporting our products all over the world. For further details about our product range and where to buy please visit www.tsl.co.uk/products

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