



TSL SOLVES AUDIO ROUTING AND MONITORING IN SALFORD

As part of its move to MediaCityUK, Salford Quays, BBC Sport is standardising on the new AVM-T-Mix audio management and monitoring unit from TSL.



[Touchmix](#), as the device is known, was originally developed in response to a bespoke requirement from BBC Sport and Dega Broadcast Systems, the systems integrator for this part of the Salford Quays project. The initial order is for in excess of 80 Touchmixes.

Production staff from directors, production assistants right through to editors and VT operators each have a dedicated Touchmix giving them instant access to multiple audio sources from station SDI and AES routers plus local analogue sources using predefined snapshot setups dedicated to their particular requirements. Furthermore, the Touchmix enables the operator to quickly and dynamically react to changes to incoming audio with touchscreen control of mono, stereo and surround channel handling and the ability to balance listening levels of programme, communications, outside source and local audio using the unique onboard mixing features.

[AVM-T-MIX](#) will help to streamline the workflow of flagship BBC Sport productions such as Football Focus, Final Score and Match of the Day.

What makes the [TSL](#) Touchmix unique is that alongside the audio bargraph metering and high quality audio reproduction, operation of all parameters including input selection, audio monitoring, routing and also signal activity is controlled simply via the large touchscreen user interface. Unlike any other compact audio monitoring product the AVM-T-MIX comprises a pair of 20 channel audio mixers with exclusive signal selection via the onboard router and a 'Solo' monitoring buss function similar to that of a large format digital audio mixing console. Snapshot memories for individual operators and dedicated productions can be stored, recalled and backed up via the front panel USB port to a memory stick.

"BBC Sport had a very clear idea of the workflows they wanted to achieve at MediaCityUK," said David Addey of Dega Broadcast Systems. "There were a lot of points at which they needed audio mixing as well as monitoring for quality control. We could not find a single device that was affordable and compact, so we were delighted when TSL said they could adapt their existing technology to provide the functionality required."

Martin Dyster, Business Development Manager – Audio, TSL, added: "Our existing audio monitoring range formed an excellent platform to add the Touchscreen interface and dual-level mix functionality which the T-MIX delivers. Although designed originally to meet their requirement we showed Touchmix at IBC this year and were delighted with the level of interest from potential users around the world. It is only when you see it and try it that the myriad of possible applications truly open up."