Setting new standards for system redundancy
Vista 9 combines advanced ergonomic design and groundbreaking Vistonics™ user interface with complete system flexibility and pristine audio quality to create a console fit for a new age of broadcast and live production.

Available in frame sizes from 32 to 72 fader strips (in steps of 10), Vista 9 uses the proven SCore Live DSP core which, with D21m system components, allows an I/O matrix of up to 1728 inputs x 1728 outputs.

Combined with the unparalleled configurability of the systems and control layout, and common component modules, Vista 9 really is the console that can do it all.

And now Vista 9 M2 sets a new benchmark for system redundancy, with advanced new Quad Star CPU architecture and optimised system design providing the ultimate in security and peace-of-mind in critical live production applications.
Setting new standards for system redundancy
System redundancy has an understandably high priority in today's world of professional audio, where complete failure in front of large live and broadcast audiences is not acceptable.

A significant redesign of the heart of the Vista 9 desk has provided the ultimate in redundancy. Every aspect of the desk design has been reassessed, expanding on the redundancy concept of the Vista 9 by fitting four new state of the art CPUs and simplifying and reducing the internal wiring.

Additional enhanced monitoring and control software provides a menu driven health check on the desk enabling the user to have a complete view on the status of the desk and its peripheral equipment, giving confidence to the users in mission critical operations.

**Key features**

**Vistonics™**
Integrating rotary controls and buttons directly into the flat screen displays providing visual feedback, Vista 9’s Vistonics interface delivers a uniquely intuitive operator experience – the key to smooth workflow, short production time and trouble free live transmission.

**Vista FX™**
Lexicon® high quality broadcast surround effects and a graphic EQ are available as an option for the Vista 9. Both are controlled through the widely acclaimed Vistonics™ user interface, with connection to the SCore Live DSP engine via two high-capacity multichannel HD Links.

**FaderGlow™**
FaderGlow provides the operator with an instant overview of the console status by illuminating each fader in one of eight, freely-assignable colours. Stress levels are dramatically reduced when mixing in an environment where there is no second chance.

**VistaMix™**
Essential for live, multi-mic, unscripted events such as talk shows and game shows, VistaMix automatically mimics the actions of a highly skilled human operator, increasing gain for ‘talking’ mics and reducing gain for all others at lightning speed to create a clean live mix.

**Quad Star Redundancy**

The new Vista 9 Quad Star design is based around four independent quad core CPU systems split into two fully redundant dual-CPU sub-systems. Each sub-system includes its own separate PSU regulators, system interfaces, HD graphics processors, random access memory (RAM) and ultra reliable Solid State Discs (SSD’s) for data storage, as electromechanical hard disks can become unreliable in high sound pressure level environments.

Both of these dual-CPU sub-systems are fitted into the Vista 9 surface to provide two completely independent, fully redundant control systems. This, together with fully redundant primary and secondary power supplies, fully redundant Ethernet switches, fully redundant communications interfaces, fully redundant AC connectors and fully redundant fans, provide a highly reliable, highly stable digital mixing console solution for critical live production applications.
The main/standby switching is now provided on the desk surface modules themselves, so avoiding a complex central switch module and a potential single point of failure. This new design allows a simplification of the cabling within the desk and by using gold plated RJ45 latching connectors provides enhanced reliability particularly for mobile applications.

This concept offers seamless switchover to the redundant control system by a single button press without loss of audio during changeover. All project data is copied over automatically in the background during normal operation so the latest title, snapshot and strip setup data is available on the redundant system allowing completion of the production without loss of any functionality.