The System 5-B digital broadcast console is specifically configured for live and live-to-tape production. Euphonix is a world leader in providing reliable, fault-tolerant consoles to broadcast facilities around the world. Euphonix's focus on world-class customer service and after sale support is critical to the successful transition to digital. The System 5-B is scaleable, it is ideal for small local productions as well as the most comprehensive broadcast productions requiring hundreds of inputs.

The System 5-B is a digital audio mixing system comprising a control surface, digital mixer core, digital and analog interfaces, and system management software. It is designed for the highest sound quality with full support for 24-bit 96kHz I/O. Operation, controls and displays follow traditional audio console conventions and layout, all within easy reach and available at the push of a button. Ultra high-quality EQ and Dynamics processors on every channel rival analog comparisons.

Key Benefits of the System 5-B

- Fail safe and diagnostics system offers hot-swappable redundant processing modules and cards that will automatically take over in the event of a DSP or control failure. Failed cards may be hot swapped without having to reboot the system. Three stages of redundancy: PSU; PSU/DSP; and DSP/PSU and pilot computer.

- On-Screen Diagnostics constantly report status of all system components, and provide confidence checks as well as troubleshooting

- General Purpose Input/Output (GPI/O) interface offers a new graphical user interface (GUI) presenting 32 switch closures created from objects on the mixing console control surface; also allows 32 external inputs to implement console functions. Applications such as red-light and floor-feed cut switch closures give you external control of various devices

- Multi-format Channel setups for mixing in Stereo, LCR, LCRS, 5.1, 7.1 and other formats, enable an operator to control up to eight channels at a time from a single on-surface channel strip.

- Stereo channels can set up for Middle-Side (MS) mic techniques, plus L-to-Mono, R-to-Mono and Balance. A Stereo Backstop PFL routes pre-fader signal to speakers for more flexibility.

- Integrated PatchNet I/O Router can accommodate 672 by 672 sources and destinations at a sampling rate of 48 kHz (or 336 by 336 at 96 kHz).