



## **The Past, the Present, and the Future – Harrison’s X-Range**

**Nashville, Tennessee, April 2006** – Until now, mixing console users have been burdened with the logistical problems inherent in using traditional, dedicated DSP hardware. Now the burden is lifted as Harrison leads the way into the future with the introduction of its new X-Range™ series of console DSP solutions using off-the-shelf multiple Opteron™ processor PCs. The X-Range will currently handle any mixing console need up to 192 fully resourced digital mixing channels at 32-bit floating-point resolution or 96 channels at the optional 64-bit depth. All X-Range digital signal processing is based on Harrison’s floating-point digital signal processing software used in X-Range’s big brother, Harrison’s digital.engine™ which is available for applications requiring more than 192 fully resourced DSP channels.

X-Range currently consists of:

### **a) X-Range DSP PC**

Each X-Range DSP PC will accommodate 64 fully resourced digital mixing channels at 32-bit or 32 channels at the optional 64-bit rate. An X-Range system currently can consist of up to 4 X-Range PCs.

### **b) X-Range Monitoring System.**

The X-Range monitoring system uses floating-point processing running on dual Opteron processor PCs to handle all multi-channel surround monitoring formats: 5.1, 7.1, **up to 16 wide!** The X-Range monitoring system is a stand alone monitoring system for professionals who wish to future proof their purchase of a monitoring system beyond today’s basic 5.1 and 7.1 formats.

### **c) X-Range MADI/Ethernet Router**

Harrison new X-Range MADI/Ethernet Router is a 64-bit digital floating-point integrated MADI Gigabit Ethernet router. The rack-mounted router supports 512 inputs via 8 MADI input ports (coax or fiber), 512 outputs via 8 MADI output ports (coax or fiber), and 1024 I/O paths via 4 bi-directional Gigabit Ethernet ports – a total of 1536 crosspoints. In addition to supporting Harrison X-Range DSP PCs, the X-Range MADI/Ethernet Router is available as a stand alone MADI/Ethernet Router.

All X-Range products mount in standard 19-inch racks for optimal space efficiency and are offered with standard I/O or Harrison’s premium I/O.

X-Range supports any IKIS™ based Harrison control surface including the Trion™, AIR 24™, MPC™ Series, and SeriesTwelve™, or any IKIS based third party controller.

With the addition of X-Range, Harrison now offers an economical DSP audio solution for any small to mid size film, post, broadcast, live, or music application. And X-Range combined with any Harrison’s control surface featuring Harrison’s wideview TFT’s graphics is a mixing console combination unequalled at any price.

### **About Harrison**

Based in Nashville, Tennessee, Harrison is a world leader in the design, manufacture and support of advance technology digital film dubbing consoles as well as professional audio mixing consoles for television broadcast, video post-production, and live sound applications. Harrison continues to expand the capabilities of contemporary digital console architecture and design. With primary patents for audio console technology, Harrison is committed to engineering innovation and excellence.

For more information on the X-Range product line and other Harrison products, please visit [www.harrisonconsoles.com](http://www.harrisonconsoles.com) or email: [info@harrisonconsoles.com](mailto:info@harrisonconsoles.com).