



3D Yamaha O2R

When connected to a Yamaha O2R digital desk, the SoundWare SP02 joystick allows automated surround panning of every channel.

Supported formats include Dolby Surround, Dolby Digital, DVD, DTS, SDDS and the proposed 7.1 MPEG. In addition, the manufacturer says that the SP02 can simultaneously control a TC effects processor for integrated panning and effects changes. V2 software for the O2R adds many of the features already standard on the cheaper O3D such as on-board surround capability plus numerous additions the automation including a 'touch' mode for the desk's motorised faders.

Yamaha

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Three Powerstations

There is now a range of three Spirit Powerstation powered mixers for live sound use. All feature a new Lexicon effects section with dual effect capability and user memories for edited settings. Effects combinations include chorus and reverb, chorus and delay, and reverb and delay. There are now three aux sends per channel, with one send dedicated to the internal Lexicon. An 18dB high pass filter and UltraMic padless preamps have also been added. Powerstation 350 has six mono mic/line and two stereo inputs, coupled to a 175W per channel, 4 Ohm amplifier. Powerstation 600 has eight mono mic/line and two stereo inputs, coupled to a 300W per channel, 4 Ohm amplifier. Powerstation 1200 has 16 mono mic/line channels and a 600W per channel, 4 Ohm amplifier.

Spirit

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Mixed Rolls

Rolls Corporation has a portable 4-channel stereo mic mixer called the MX442 field mixer. Four balanced XLR inputs have phantom power, trim controls, 20dB pad and low cut switch. Each input has trim and volume controls and a pan. Large level meters may be switched to monitor the left and right channel outputs mono and stereo, monitor signal or battery condition. The field mixer has two oscillators and an internally switchable limiter with adjustable threshold. Powered by two 9V alkaline batteries the mixer is housed in a tough but lightweight aluminium chassis.

Rolls

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Otari debuts Advanta digital desk

Otari has unveiled the Advanta digital console which uses 40-bit DSP and is capable of operating at 24 bits and 96kHz sampling rate. It offers 256 inputs in a music mixing version with three operator positions in a film variant.

An expandable control surface is connected via the Ethernet communications protocol to a processing rack which contains the core digital engine, I-O modules and power supplies.

Sixteen physical paths are provided per input section, each with eight layered Virtual paths for up to 128 input paths per input section and 1024 virtual paths per console.

Sixteen 40-segment tricoloured LED meters on each input section are user configurable while Multi



Chroma technology permits two parameters to be viewed simultaneously on the same meter.

Processing includes six filters, three dynamics, one insert send and return and an assortment of

effects functions.

Bus and Path resources can be allocated by the user and console configurations may be stored and recalled with frame accuracy.

Otari

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Allen & Heath GL3300 has dual role live

The 8-group GL3300 sound reinforcement console, like the GL2000 and GL4000, is a dual function mixer, allowing it to be used in FOH, monitor roles, or combining both tasks simultaneously.

The key to the console's dual functionality is a series of sub-panel switches which reconfigure the auxes as main outputs and the mono out as the engineer's listen wedge.

GL3300 builds on the GL3000, the most notable additions are 4 mute groups, group mute switches, direct outputs on all channels, an 8 group out option on a D connector, groups 1-4 inserts, +6dB boost on auxes and matrix sends, and the choice of different mono/stereo input configurations. GL3300 is available in 16, 24, 32 and 40 channel frame sizes.



Mono inputs are on balanced XLRs and balanced jacks with insert and direct output. Mic/line inputs have 4-band, 2 sweep EQ, 8 auxes on individual controls, LED metering and 100mm faders. Stereo inputs (if chosen) offer dual mic inputs and now have balanced jacks and XLRs. Two Stereo FX returns are also fitted as standard.

In addition to individual channel metering and 12 segment

LED's on the L-R outputs, GL3300 can be fitted with an optional VU meterpod.

The MixWizard Series WZ14:4:2 is designed for live sound and recording applications and is also a dual function console. Like all the MixWizards, WZ14:4:2 has 4 band EQ, 100mm faders, vertical PCB construction, nutted pots and Minimum Signal Path architecture.

A&H

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SSL Aysis Air

Aysis Air is a 48-channel Axiom-derived digital console specifically configured for live broadcasters. It incorporates its own router for standalone operations, yet can be extended to use SSL's Hub Router, providing control of over 2000 sources and destinations. The system offers the advantage of reduced wiring complexity with 95 channels of digital audio on a single coaxial cable. SSL's DiskTrack may also be accessed via the Hub Router.

Aysis Air has a dedicated control surface optimised for real-time mixing operations and all

console controls are automated either dynamically or via snapshots. All settings, including routing assignments and settings for faders, EQ, dynamics and effects, can be stored and recalled, selectively or globally.

Main Features include a range of frame sizes with different amounts of layering to fit all rooms, four stereo subgroups, each with inserts and master dynamics, multichannel Surround capability, 20 Mix Minus sends for clean feeds to remote studios and phone-ins and 48 channel direct output sends, switchable pre or post fader.

SSL

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Midas desk with MIDI mutes

Midas now offers a 50-input, 128-scene MIDI mute package version of the XL200 console. Configured with 42 mono and four stereo inputs, the MIDI mute package allows routing to any combination of 21 audio buses and incorporates a 13x8 matrix.

Ten extra mute groups are provided by the MIDI mute automation system, which can be used in conjunction with a sequencer to save snapshots of mute and solo in place settings.

Midas

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