

Form A Qu

Allen & Heath has unveiled Qu-16, a brand new compact digital mixer. The 19-inch rack size mixer inherits technology from the GLD and iLive digital mixing systems, and features total recall of settings (including 17 motorised faders and digitally controlled preamps), an intuitive touchscreen, Qu-drive integrated multi-track recorder, dSNAKE for remote I/O and personal monitoring, multi-channel USB streaming to Mac, Qu-Pad control app, and iLive's FX library.

Qu-16 offers 16 mic/line inputs, three stereo inputs, four FX engines with dedicated stereo returns, 14 mixes (including LR, 10 aux mixes, plus two dedicated FX busses), 12 mix processing channels, patchable AES digital output with a further two-channel ALT output, dedicated talkback mic pre input and two-track output.

The mixer has five high speed dual core DSPs, which provide comprehensive channel and FX processing, with room for future processing updates and functionality. There are five 200MHz ARM core processors that run in parallel, one to drive each of the touchscreen and surface, the Qu Drive USB interface, USB streaming, Ethernet port, and the moving faders.

The full colour touchscreen features 'Touch Channel' access to channel processing, the FX racks, and all the set-up and system



management controls. The SuperStrip provides control knobs for a selected channel's key processing parameters, such as gain, HPF, parametric EQ, gate threshold, compressor threshold, and pan.

Qu-Drive, the mixer's integrated USB recorder, which works with an external USB drive, can record and playback multi-track and stereo audio .wav files. The USB interface can also be used to store scene and library data for archiving and later recall.

A free iPad app connects to the mixer via a Wi-Fi router plugged into the Ethernet control port and gives instant wireless control of the mixer's key parameters and settings.

www.allen-heath.com

"The 19-inch rack size mixer inherits technology from the GLD and iLive digital mixing systems..."

Fohhn Audio has launched two new 12-inch high-powered subwoofer models. The XS-22 active sub is a new addition to the X-Series compact subwoofers, and features a 12-inch long excursion speaker, integral 1500W Class D digital amplifier, and Fohhn Audio DSPs. It weighs 26kg and has a maximum SPL of 127dB. The new PS-22 active/passive subwoofers augment Fohhn's Perform Series and are particularly suitable for flown applications that involve beam steering.

www.fohhn.com



Lawo launched the full version of JADE, its new PC-based audio control centre, at the PL+S and NAB shows. It allows the user to employ all audio signals on a Windows PC simultaneously, without limitations; and also integrates the RAVENNA audio-over-IP network technology. This means all local audio signals in the IP network are available and from there can be used through JADE at local workstations. Remote control and automation options make it possible to operate JADE remotely from other devices, such as Lawo radio mixing consoles.

www.lawo.de



One twotwo

PMC was at the Prolight + Sound show to launch the latest model in its twotwo series. twotwo.8 is the flagship model of the range, and is the largest, with an eight-inch bass driver and substantial ATL cabinet. It is manufactured in proportion with the smaller models, the twotwo.5 and twotwo.6. In this way, the front baffle is kept as narrow as possible, minimising the effect of baffle colouration and ensuring sharp imaging. It has a maximum SPL of 115dB, and features analogue phono and XLR inputs plus and AES3 digital input. The twotwo series models can operate in either vertical or horizontal orientations without compromising stereo imaging or tonal accuracy.

www.pmc-speakers.com



DiGiCo Gets More Theatrical

DiGiCo used the PL+S show to introduce its new SD Ten Theatre

digital mixing console, a theatre specific counterpart to the SD Ten. The SD Ten provides 96 channels of full processing – 12 of which are full Flexi channels – and 48 assignable busses. The Theatre software upgrade provides essential tools for programming and running a theatre production, including the Auto Update system to aid cue programming, Channel Aliases, the new Players update function, and matrix nodal delays. When multiple actors are playing the same role, the Players feature takes care of populating the show with that person's unique channel settings – their EQ, filters, dynamics, etc.

Also announced was the increase of the SD9 and SD11 console's sample rate to a maximum 96kHz. The SD9 and SD11 can also now be specified with a fibre optic connection straight from the factory.

www.digico.org

New beyerdynamic Offerings

beyerdynamic has launched several new products at Prolight+Sound 2013. The new TG 1000 digital wireless



microphone system has a bandwidth of 319 MHz, covering a UHF frequency range from 470-789MHz, enabling it function worldwide and giving enough clearance to bypass interference from other users. It features the beyerdynamic TriplePlay Codec, which enables latency times of 2.1ms; and has a range of up to 300 metres. The system offers five different interchangeable microphone capsules.

The company also launched a special edition of the DT 770 Pro headphones, specially optimised for use with portable devices; and presented its free Virtual Studio software plug-in, which allows users to simulate various listening spaces and their speaker set-ups using headphones.

www.beyerdynamic.com

I/O system and Crimson USB audio interface and controller at Musikmesse 2013. Crimson combines a USB interface with high-quality pre-amps and a separate, fully-featured monitor controller. It offers 30 I/O channels (10 recording and 20 playback); two discrete Class A mic pre-amps; two Hi-Z instrument pre-amps; two separate headphone amps, which are individually controllable; dual stereo speaker set connections and control; monitor signal mix function; MIDI input and output; plus USB 2.0 and S/PDIF input and output.

The Madison 16+16 channel studio I/O system features a built-in MAD1 port offering digital transmission of up to 64 inputs and outputs with galvanic insulation - via four units connected on a single MAD1 port.

www.spl.info