

Yamaha Announces CL and QL V3.0 Software Update At IBC2014

Yamaha's industry-leading CL and QL series digital mixing consoles series will take another step up in features and performance with the latest software, V3.0, announced at IBC 2014.

The CL series has redefined the role of digital consoles in today's live sound environment, while the QL series lives up to its billing of 'The Quintessential Compact', by packing many of the CL series features into a very compact footprint. Onboard Dante networking allowing QLs to be integrated into larger systems with CL series consoles, R series I/O rack units and other Dante capable devices.

CL/QL V3.0 adds features and functionality that will increase the appeal of all CL and QL series models for both broadcast and live sound applications. The most notable new features include:

- **5.1 Surround Panning**

Pan positioning can be set via the touch panel or knobs. Mix to Matrix can be used for international sound production and Mix to Stereo can be used for stereo mixdown.

- **Surround Monitor**

In addition to surround mixing, CL/QL V3.0 adds basic surround monitoring. Monitor alignment capability is also provided, with adjustment of relative speaker levels and delays.

- **Dugan Automatic Mixing in GEQ Rack**

Dugan automatic mixing has been included on QL consoles since their launch last year, but V3.0 now brings the facility to all CL series mixers as well. Provided through close cooperation with Dan Dugan Sound Design, Inc, gain distribution for up to 16 speech microphone channels is automatically optimised in real time, achieving smooth, natural level control that would normally only be possible with trained operators.

- **Buss Comp 369 in Premium Rack**

The K's Lab team at the Yamaha Research & Development Division, under the direction of Toshifumi Kunimoto, has created an accurate VCM model of the acclaimed Buss Comp 369 buss compressor. Ideal for inserting on the stereo mix buss for increased loudness, more uniform levels and warm overall sound, it is an excellent choice for both live and broadcast applications.

- **Mix Minus**

Mix Minus, important for relay broadcast applications, is now available to QL consoles, as well as CL series consoles from V2.0 upward. The signal from a specified channel can be easily omitted from a specified bus, making it easy to quickly create a mix for a location reporter which does not include their own microphone feed.

- **Frame Delay**

The ability to delay audio at the mixer to achieve proper synchronisation with video signals is a necessity. It is now possible to set that delay in frame increments for easy sync with a wide variety of video formats.

- **Eight Band Parametric EQ in GEQ Rack & Effect Rack**

It is now possible to select eight band Parametric EQ in the GEQ RACK and EFFECT RACK.

- **Real Time Analyser**

A real time analyser (RTA) is now provided to support room tuning and other operations. The frequency spectrum of cued channels can be shown in the new RTA display as well as in the PEQ or GEQ display.

- **Four User-Defined Key Banks**



PRESS INFORMATION

Four banks are now provided for enhanced User Defined Keys convenience. It also allows keys to be grouped by function for improved efficiency.

- **DCA Assign Selection for Scene Management**

DCA assignment has been added to the parameters for Recall Safe, Focus Recall, and Global Paste. Rather than only being selectable with ALL parameters during scene memory management, DCA assignment is now an independent setting, allowing for more refined control.

"We have received a large number of requests for broadcast-orientated features for the CL and QL digital consoles and are pleased to offer a comprehensive range of them with this release," says Nils-Peter Keller, Marketing Director at Yamaha Pro Music and Pro Audio. "Making the new features available for both CL and QL series gives our users the widest possible range of choice, from the QL1 right through to the CL5."

Describing the addition of Dugan auto mixing to the CL series, Dan Dugan says: "I'm very happy that Yamaha is making it available in the V3.0 update to the CL series. Its inclusion will make life easier for CL users who do corporate panel discussions, while broadcasters will find the Dugan algorithm very helpful for mixing news panels, sports commentary and talk shows."

CL and QL series console files are interchangeable, so it is easy to choose and combine models to ideally accommodate live sound FOH and monitoring, as well as broadcast relay and recording, from large scale applications through to the most basic.

Yamaha is exhibiting on Stand 8.D15 in Hall 8 at IBC 2014. CL/QL V3.0 will be available as a free download from the Yamaha Pro Audio website early next year.

(Note: With this upgrade, QL series V2.0 will be skipped so that the CL and QL series consoles will be at the same V3.0 level.)

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About

Yamaha Commercial Audio is a world leader in the manufacture and supply of professional audio products for a wide range of applications including live sound reinforcement, post production, recording, worship and broadcast. With a world-wide presence, Yamaha's Commercial Audio subsidiaries and dealer networks provide comprehensive local services backed by a global Yamaha CA support policy.

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