

Digital Live Consoles, 40-Plus Channels

Product/ Website	System Hardware Type	Channel Faders	Inputs	Output Buses	Max. Resolution	Notes
Allen & Heath iLive www.ilive-digital.com	Controller and DSP-I/O rack	28-44	64-128	32-64	24-bit/ 48kHz	Priced from \$50,000. Typical iLive 144 system with 36 faders, 48 stage mic inputs, 16 local inputs, 32 assignable buses (group/aux/main/matrix) and dual PS is \$55,000. EtherSound connection to stage box.
Cadac S-Digital www.cadacsound.com	Controller and DSP-I/O rack	20-144	72-144	66	24-bit/ 48kHz	Control surface based on layout of Cadac's J-Type analog console. Configurable for single or multiple operators. SAM show control software with offline pre-show prep capability.
DiGiCo D5 Live www.digiconsoles.com	Controller and DSP-I/O rack	24	64-128	40	24-bit/ 48kHz	Priced from \$70,000 to \$243,000; Typical system is \$144,000 with controller, DiGiRack stage box (56 mic/line ins, 8 line outs) and local DiGiRack (8 ins/8 outs, plus AES digital stereo). Dual PS. MADI or fiber interfacing to stage.
DiGiCo D1 Live	Controller and DSP-I/O rack	16	64-160	40	24-bit/ 48kHz	Priced from \$55,000 to \$120,000. Compact controller has 16 input faders and 8 output faders that can be defined as groups, matrixes or aux outs. MADI or fiber interfacing to stage.
Digidesign VENUE D-Show www.digidesign.com	Controller and DSP-I/O rack	8-56	48/96	48/96	24-bit/ 48kHz	Can connect directly to Pro Tools HD and LE systems for recording. Supports TDM plug-ins for a wide range of DSP options. Eight additional I/Os on FOH rack. Dual PS standard. Redundant system is \$69,995.
Digidesign VENUE D-Show Profile	Controller and DSP-I/O rack	24	48/96	48/96	24-bit/ 48kHz	Designed for smaller installs, is compatible with all VENUE hardware/software and connects directly to Pro Tools HD and LE systems for recording. Supports TDM for DSP options. Dual PS standard. Redundant system is \$54,995.
Harrison Trion Alive www.harrisonconsoles.com	Integrated console/ remote I/O	16-64	64-128	32-64	24-bit/ 96kHz	Priced from \$155,000, Trion runs on Harrison's IKIS platform. Optional 8-fader panel/screen allows control of FOH or monitor mixes from anywhere in venue. PreView™ gives 20-second waveform view of any source.
InnovaSon Sy48 www.innovason.com	Controller and DSP-I/O rack	64	48-72	16-40	24-bit/ 48kHz	Fader-per-channel design; typical Sy48 "Evolution" package (48 mic ins/16 EtherSound outs) is \$63,000.
InnovaSon Sy80	Controller and DSP-I/O rack	80	56-104	32-56	24-bit/ 48kHz	Fader-per-channel design; typical Sy80 "Evolution" package (64 mic inputs/32 outputs, plus 8 digital I/Os) and Muxipair bidirectional cabling to/from Stage/Mix box is \$154,000.
Lawo mc ² 66 www.lawo.de	Controller and DSP-I/O rack	16-72	512	144	24-bit/ 96kHz	Up to 8,192-point crosspoint switching; 32 aux sends; retail is \$120,000, depending on configuration.
Lawo mc ² 90	Controller and DSP-I/O rack	16-192	512	144	24-bit/ 96kHz	Up to 8,192-point crosspoint switching; Star2 topology for total redundancy.
Meyer LCS Matrix 3/CueMixer www.meyersound.com	Controller and DSP-I/O rack	8 and up	8-152	16-304	24-bit/ 48kHz	LCS/Level Control Systems now owned by Meyer Sound. Modular system combines multiple 8-channel Matrix 3 LX300 audio engines under CueStation software control.
Midas XL8 www.midasconsoles.com	Integrated console/ remote I/O	72	96 mic/ 16 line	51	24-bit/ 96kHz	Open architecture/cross-platform system; MidasNet protocol over Ethernet for sub-millisecond latency; redundant routers, distributed pathways, dual stage boxes for fail-safe operation.
Soundcraft Vi6 www.soundcraft.com	Controller and DSP-I/O rack	32	64	32	24-bit/ 48kHz	Vistronics II touchscreen TFT monitor interface with integral thru-screen rotary controls and FaderGlow illuminated fader markings. Vi6 system (controller, stagebox and DSP-I/O rack) approximately \$90,000.
Stagetec Aurus www.stagetec.com	Controller and DSP-I/O rack	Up to 96	300	256	24-bit/ 96kHz	Uses Nexus Star digital audio routing/interconnect system found in Stagetec's Cantus console, with optical interconnect.
Studer Vista 8 www.studer.ch	Controller and DSP-I/O rack	22-72	48-128	48	24-bit/ 96kHz	Vistronics interface with TFT screens combined with thru-screen rotary controls. Custom-configurable I/O complement determined by DSP cards in the core unit. Typical FOH pricing \$200,000 to \$350,000.
Studer Vista 5	Controller and DSP-I/O rack	32	240 max	52	24-bit/ 96kHz	Compact worksurface and six-rackspace SCORE DSP engine. One-knob-per-function design and Vistronics interface offer fast operation. FOH pricing typically \$125,000 to \$175,000.
Yamaha M7CL-48 www.yamahaca.com	Integrated console	52	56	16	24-bit/ 96kHz	Has 48 mono mic inputs, 4 stereo inputs and 3 mini-YGDAI slots for a total of 56 mix channels. Four simultaneous onboard effects processors. Price is \$24,999. Options include dual PS.
Yamaha M7CL-32	Integrated console	36	30	16	24-bit/ 96kHz	Has 32 mono mic inputs, 4 stereo inputs and 3 mini-YGDAI slots for a total of 40 mix channels. Four simultaneous onboard effects processors. Dual PS optional.
Yamaha PM5D	Integrated console	24	48	39	24-bit/ 96kHz	Has 64 total mix channels (48 mono, plus four stereo inputs and four stereo effects returns). Onboard effects include eight independent SPX-2000-class processors. Price is \$49,800. Dual PS optional. New DSP5D expander doubles the console's I/O capability.
Yamaha PM5D-RH	Integrated console	24	48	39	24-bit/ 96kHz	Version of PM5D with recall of preamp gain settings and preamps based on PM5000 design. Has 48 mono mic inputs, plus 4 stereo inputs that accept mic-level signals. Onboard effects include 8 independent SPX-2000-class processors. Price is \$67,000. Dual PS optional.
Yamaha PM1DV2/DSP1D	Controller and DSP-I/O rack	56	56/112	32	24-bit/ 96kHz	Second-generation PM1D features 48 motorized mono input faders (plus 4 stereo inputs). Base price for 48-input system is \$86,000. Dual PS optional. Optional DSP1D-EX unit can expand system for full 96-input operation. System allows full dual-DSP mirroring for total redundancy.