

# Lighting Consoles


By Nook Schoenfeld

A lighting console can be thought of as a tool that a lighting artist uses. But different artists require different tools to illuminate their canvases. A DJ-facing budget, space and portability constraints may do well to have something small that can operate four moving lights plus a handful of conventional fixtures. An easy-to-learn console with 48 faders might be perfect for a house of worship, whereas a club might need more faders, but not have to go overboard in terms of universes of output. A big rock show, by contrast, might need one of the bigger guns on the market — a desk that can handle hundreds of fixtures and zillions of universes. Here's a look at what's out there on the market today.

**Avolites Sapphire Touch**

**Related Products:** Titan One, Titan Mobile, Quartz, Tiger Touch, Arena, Titan Net Processor  
**Runs:** Moving/conventional lights plus media servers.  
**DMX Ports/Universes Out:** 8/64  
**USB Ports:** 4  
**Channels/Fixtures:** 32,768  
**Protocols:** DMX512, Art-Net, sACN, Titan Net  
**Physical Playback Faders/Buttons:** 45/20  
**Encoders:** 3

**Motorized Faders:** Yes  
**Remote Triggers:** Yes  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** No  
**Previz Program:** Yes  
**Internal/External Display Count:** 2/2  
**Accessories:** Flightcase, dustcover, desk lamps  
**MSRP:** \$39,000  
**More Details:** Titan software gives users access to fixture exchange and more.




**avolites.com**

**ChamSys QuickQ 30**

**Related Products:** QuickQ20 QuickQ10  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 3/4  
**USB Ports:** 2  
**Channels/Fixtures:** 40 fixture faders, 2,018 channels  
**Protocols:** Art-Net, sACN, Pathport  
**Physical Playback Faders/Buttons:** 10 + 40 Cue faders/1 Go button + 50 flash buttons  
**Encoders:** 6

**Motorized Faders:** No  
**Remote Triggers:** No  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** Yes  
**Internal/External Display Count:** 1/1 wired and 1 wireless via tablet  
**Accessories:** Tablet stand, power supply  
**MSRP:** \$4,300  
**More Details:** QuickQ promises simple, fast control.

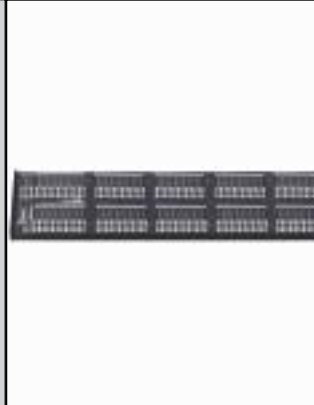


**chamsysusa.com**

**Dove Systems TechMaster TM 60/120**

**Related Products:** TM 12/24, 24/48, 36/72, 48/96, with or without Sublime option.  
**Runs:** Conventional fixtures  
**DMX Ports/Universes Out:** 1/1  
**USB Ports:** 0  
**Channels/Fixtures:** 120  
**Protocols:** DMX  
**Physical Playback Faders/Buttons:** 120/120  
**Encoders:** 0  
**Motorized Faders:** No

**Remote Triggers:** No  
**Offline Editor Software:** No  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 0/0  
**Accessories:** N/A  
**MSRP:** \$4,490  
**More Details:** Easy-to-use, modular system.




**dovesystems.com**

**ETC Eos Ti**

**Related Products:** Gio, Gio @5, Ion Xe/20, Element 2, ETCnomad, ETCnomad Puck  
**Runs:** Conventional/moving  
**DMX Ports/Universes Out:** 4/48  
**USB Ports:** 11  
**Channels/Fixtures:** 99,999  
**Protocols:** EDMX, sACN, DMX, Avab, Art-Net  
**Physical Playback Faders/Buttons:** 10/30  
**Encoders:** 6  
**Motorized Faders:** Yes  
**Remote Triggers:** Yes

**Remote Focus:** Yes  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** Yes  
**Previz Program:** No  
**Internal/External Display Count:** 3 max/3 max  
**Accessories:** External alpha-numeric keypad, mouse  
**MSRP:** \$5,000-\$60,000  
**More Details:** Fully integrated control with advanced color tools, magic sheets, pixel mapping and detailed data management functionality.




**etconnect.com**

**ADJ DMX Operator Pro**

**Related Products:** DMX Operator, DMX Operator 384  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 1/1  
**USB Ports:** 0  
**Channels:** 136 (128+8)  
**Protocols:** DMX  
**Physical Playback Faders/Buttons:** 16/32  
**Encoders:** 2 + joystick  
**Motorized Faders:** No  
**Remote Triggers:** No  
**Remote Focus:** No

**Offline Editor Software:** No  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 1/0  
**Accessories:** Removable rails to make it 19-inch rack mount  
**MSRP:** \$299.99  
**More Details:** 136 channels includes 128 for moving lights, 8 for conventional lights. Great entry level controller for small stages, churches or lounges.



**adj.com**

**Blizzard LightShark LS.1**

**Related Products:** LightShark LS-Core  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 2/Unlimited  
**USB Ports:** 2  
**Channels/Fixtures:** Unlimited  
**Protocols:** DMX-512, Art-Net, ACN, MIDI, UDP, OSC & HTTP  
**Physical Playback Faders/Buttons:** 10/10  
**Encoders:** 4  
**Motorized Faders:** No

**Remote Triggers:** Yes  
**Remote Focus:** Yes  
**Offline Editor Software:** No  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 1/3  
**Accessories:** PowerCon True1 power cable  
**MSRP:** Contact dealer  
**More Details:** Ultra-Portable. Instantly connects to 8 DMX Universes, can extend to an unlimited number.



**blizzardpro.com**

**ChamSys MagicQ MQ500 Stadium**

**Related Products:** MQ80, MQ60, MQ40N, Stadium Wing  
**Runs:** Conventional/moving  
**DMX Ports/Universes Out:** 4/200  
**USB Ports:** 3  
**Channels/Fixtures:** 102,400  
**Protocols:** Art-Net, ACN, Pathport, StrandNet  
**Physical Playback Faders/Buttons:** 15/15  
**Encoders:** 8  
**Motorized Faders:** No  
**Remote Triggers:** Yes  
**Remote Focus:** Yes

**Offline Editor Software:** Yes  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** No  
**Previz Program:** Yes  
**Internal/External Display Count:** 2/1  
**Accessories:** Flight case, monitor mounts, keyboard, mouse.  
**MSRP:** \$27,450  
**More Details:** MagicQ Stadium gives designers control with high level of show control over lighting, media, LED and scenic design elements.



**chamsysusa.com**

**Elation ONYX NX 2**

**Related Products:** NX-Wing, M-DMX, M-Touch, M-Play, M1 HD, M6  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 4/64  
**USB Ports:** 5x USB 3.0  
**Channels/Fixtures:** 32,768  
**Protocols:** DMX, RDM, Art-Net, sACN  
**Physical Playback Faders/Buttons:** 10/40  
**Encoders:** 8  
**Motorized Faders:** No

**Remote Triggers:** Yes  
**Remote Focus:** Yes  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 2/2  
**Accessories:** Dust Cover, RGB LED Desklight  
**MSRP:** Contact dealer  
**More Details:** Portable and compact with adjustable 15.6" HD touch screen, two external 4K touch displays.



**elationlighting.com**

**grandMA3 Full**

**Related Products:** grandMA3 Full-size CRV, grandMA3 Light, grandMA3 Replay Unit, grandMA3 Compact XT, grandMA3 Compact, grandMA3 onPC command wing  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 6/1024  
**USB Ports:** 6  
**Channels/Fixtures:** 250,000  
**Protocols:** MA-Net3, sACN, Art-Net, more  
**Physical Playback Faders/Buttons:** 32/207  
**Encoders:** 78  
**Motorized Faders:** Yes  
**Remote Triggers:** Yes  
**Remote Focus:** Yes  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** Yes  
**Previz Program:** Yes  
**Internal/External Display Count:** 8/2  
**Accessories:** Desk cover, 2 LED Desk Lamp, Magnetic plate for faders  
**MSRP:** Contact dealer




**actlighting.com**

**High End Systems Hog 4**

**Related Products:** Full Boar 4, Road Hog 4, HedgeHog 4/4X, wings of all kinds  
**Runs:** Conventional/moving  
**DMX Ports/Universes Out:** 8/unlimited  
**USB Ports:** 8  
**Channels/Fixtures:** N/A  
**Protocols:** DMX-512A / E1.31 sACN / Art-Net  
**Physical Playback Faders/Buttons:** 10/12  
**Encoders:** 6  
**Motorized Faders:** Yes  
**Remote Triggers:** No

**Remote Focus:** No  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** No  
**Previz Program:** Yes  
**Internal/External Display Count:** 3/3  
**Accessories:** Dust cover, 2x blue/white desk lights, more  
**MSRP:** \$44,000  
**More Details:** HES is an ETC company. Hog 4 offers programming speed with extras like accessory arms, tablet storage and more.




**highend.com**

**Leprecon XC-350**

**Related Models:** None  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 2/4  
**USB Ports:** 5  
**Channels/Fixtures:** 2,048  
**Protocols:** Linux running on Windows  
**Physical Playback Faders/Buttons:** 24/24  
**Encoders:** 3  
**Motorized Faders:** No  
**Remote Triggers:** No  
**Remote Focus:** No

**Offline Editor Software:** Yes  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 1/1  
**Accessories:** Dust Cover & 2 Littlites  
**MSRP:** \$8,733 with 22" ELO touchscreen  
**More Details:** Linux operating system, requires VGA or HDMI monitor, optional touchscreen monitor.



**leprecon.com**

**MA Lighting dot2 XL-F**

**Related Products:** dot2 core, dot2 XL-B, dot2 onPC  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 8/8  
**USB Ports:** 3  
**Channels/Fixtures:** 4,096  
**Protocols:** dot2-Net, sACN, Art-Net  
**Physical Playback Faders/Buttons:** 15/59  
**Encoders:** 4  
**Motorized Faders:** No  
**Remote Triggers:** Yes

**Remote Focus:** Yes  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** Yes  
**Internal/External Display Count:** 3/1  
**Accessories:** LED Desk Lamp, Dust cover, Magnetic plate for labeling faders  
**MSRP:** Contact dealer  
**More Details:** Distributed by A.C.T Lighting. Compact desk with full array of features without too many options.



**actlighting.com**

**Pathway Connectivity Cognito2 Pro2048**

**Related Products:** Cognito2 Starter, Cognito2 Pro512, Cognito2 Pro1024, Cognito2 Pro1536  
**Runs:** Conventional/moving  
**DMX Ports/Universes Out:** 2/4 (can be expanded to 32)  
**USB Ports:** 4  
**Channels/Fixtures:** 2,048 or 40 fixtures  
**Protocols:** sACN, Pathport, Art-Net  
**Faders/Buttons:** 20/20  
**Encoders:** 4  
**Motorized Faders:** No

**Remote Triggers:** Yes  
**Remote Focus:** No  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 1/1  
**Accessories:** Power Supply and Dust Cover  
**MSRP:** \$5,900  
**More Details:** Interface helps users select lights, adjust attributes and record reference libraries, memories and cues.



**pathwayconnect.com**

**Techni-Lux Pivot Cue 512**

**Related Product:** Pivot Wing  
**Runs:** Conventional and moving lights  
**DMX Ports/Universes Out:** 1/1-3  
**USB Ports:** 1  
**Channels/Fixtures:** 512  
**Protocols:** DMX  
**Physical Playback Faders/Buttons:** 6/6  
**Encoders:** 4  
**Motorized Faders:** No  
**Remote Triggers:** No  
**Remote Focus:** No

**Offline Editor Software:** No  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 1/0  
**Accessories:** joystick for pan and tilt control,  
**MSRP:** \$1,799.99  
**More Details:** Users adding a Pivot Wing get more fader handles, playback buttons and another 512 channels.




**techni-lux.com**

**Jands Stage CL**

**Runs:** Conventional fixtures  
**DMX Ports/Universes Out:** 1/1  
**USB Ports:** 2  
**Channels/Fixtures:** 24 Fixtures/groups  
**Protocols:** DMX, Art-Net, sACN  
**Physical Playback Faders/Buttons:** 12/12  
**Encoders:** 0  
**Motorized Faders:** No  
**Remote Triggers:** No  
**Offline Editor Software:** No

**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** 1/0  
**Accessories:** None  
**MSRP:** N/A  
**More Details:** Distributed by A. C. Lighting. Designed specifically for LED fixtures but just as suitable for conventional lights, the Stage CL gives you full control of your LEDs and is incredibly easy to use.




**aclighting.com**

**Lightronics TL2448**

**Related Products:** TL3012, TL4008, TL4016, TL5024  
**Runs:** Conventional fixtures  
**DMX Ports/Universes Out:** 1/1  
**USB Ports:** 0  
**Channels/Fixtures:** 48  
**Protocols:** DMX512 and LMX128  
**Physical Playback Faders/Buttons:** 49/48  
**Encoders:** N/A  
**Motorized Faders:** No  
**Remote Triggers:** No  
**Remote Focus:** No

**Offline Editor Software:** No  
**Pixel-Mapping:** No  
**Video Storage/Playback:** No  
**Previz Program:** No  
**Internal/External Display Count:** One/None  
**Accessories:** N/A  
**MSRP:** Contact dealer  
**More Details:** Provides LMX-128 (multiplex) and DMX-512 output protocols. Can store 600 conventional scenes with fade times. The cue list may hold up to 600 scenes. 36 chase sequences.




**lightronics.com**

**Mega Systems Lumen 8**

**Related Products:** Lumen 8 Surface Lumen 8 Station  
**Runs:** Conventional/moving lights  
**DMX Ports/Universes Out:** 4/4 (can be expanded to 32)  
**USB Ports:** 5  
**Channels/Fixtures:** 16,384 w/32 Universe expansion  
**Protocols:** Art-Net, DMX 512  
**Physical Playback Faders/Buttons:** 8/32  
**Encoders:** 11  
**Motorized Faders:** No  
**Remote Triggers:** No

**Remote Focus:** Yes  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** No  
**Previz Program:** Yes  
**Internal/External Display Count:** 1/1  
**Accessories:** N/A  
**MSRP:** \$12,599  
**More Details:** Four universes can be expanded to 32 universes, console ships with Mega Systems' proprietary 3D visualizer on board. See review, this issue, page 115.




**megasystemsinc.com**

**Signify Neo**

**Related Products:** Neo Playback Controller, Neo PC  
**Runs:** Conventional/moving  
**DMX Ports/Universes Out:** 4/100  
**USB Ports:** 9  
**Channels/Fixtures:** 25,000  
**Protocols:** DMX, Art-Net, KiNet, Pathport, ShowNet, sACN.  
**Physical Playback Faders/Buttons:** 16/28  
**Encoders:** 4  
**Motorized Faders:** Yes  
**Remote Triggers:** Yes

**Remote Focus:** Yes  
**Offline Editor Software:** Yes  
**Pixel-Mapping:** Yes  
**Video Storage/Playback:** Yes  
**Previz Program:** No  
**Internal/External Display Count:** 4/3  
**Accessories:** 2 desk lights  
**MSRP:** \$8,500  
**More Details:** Optimized to control conventional and automated luminaires for the theatrical stage and live events with command line and graphical control.



**lighting.philips.com**

**Coming Next Month**

**Video Tiles**

