

Mid-Sized Digital Consoles

By George Petersen

Bring on the revolution! Ideal for install or portable applications, here's a snapshot look at some digital consoles capable of 24 or more channels, while having a fairly compact footprint and — at under 60 pounds each — could be moved by an average person. Prices are somewhat variable, depending on options and selected system package configurations, so check before purchasing.

Allen & Heath QU-32 Chrome Edition



Input Channels/Local Pre's: 32/32
Max Sampling Rate: 48 kHz
Faders: 33
Onboard I/O: 32/24
Remote I/O: AR2412, AR84
Other Frame Sizes: Qu-16, Qu-24

Network Interfacing: d-Snake
Footprint/Weight: 33.5 x 19.5"; 44 pounds
Notes: Automatic Mic Mixer option; Spectrogram tool; integrated multitrack recording

allen-heath.com

Mackie Axis



Input Channels/Local Pre's: 32
Max Sampling Rate: 48 kHz
Faders: 17
Onboard I/O: 32 line/mic
Remote I/O: none
Digital Connectivity: AES, Dante

Footprint/Weight: Main DL32R unit: 3-rackspaces, 18 lbs. DC16 Control Surface, 36.8" x 17.6" 38 pounds
Notes: Multi-iPad control/monitor system auto-integrates display capabilities for user needs.

mackie.com

Midas M32



Input Channels/Local Pre's: 32
Max Sampling Rate: 48 kHz
Faders: 25
Onboard I/O: 32 XLR in/18 XLR out
Remote I/O: S16, S32, SD16, SD32

Digital Connectivity: AES50
Dimensions and Weight: 35.1 x 24.1"; 55 pounds
Notes: iPhone and iPad tablet control

music-group.com

Ashly Digimix24



Input Channels/Local Pre's: 24/16
Max Sampling Rate: 48 kHz
Faders: 1, assignable
Onboard I/O: 24 analog; 2 USB
Remote I/O: Dante option

Other Frame Sizes: none
Network Interfacing: Dante option
Footprint/Weight: 20 x 24"; 18 pounds
Notes: 7" touch screen control; USB multi-track recording/playback option

ashly.com

Avid VENUE S3L-X



Input Channels/Local Pre's: 64/2
Max Sampling Rate: 48 kHz
Faders: 16 faders
Onboard I/O: 2 XLR in/2 XLR out
Remote I/O: VENUE | Stage 16

Other Frame Sizes: None
Network Interfacing: Ethernet AVB
Footprint/Weight: 28 x 14" controller, plus E3 DSP engine
Notes: Full Pro Tools integration

avid.com

PreSonus StudioLive 32 Series III



Input Channels/Local Pre's: 40/32
Max Sampling Rate: 48 kHz
Faders: 37 faders
Onboard I/O: 32 XLR in/3 XLR out
Remote I/O: AVB stageboxes due in 2017
Other Frame Sizes: StudioLive 24 Series III; StudioLive 16 Series III

Network Interfacing: AVB and Dante options
Footprint/Weight: 32.4 x 23"; 37.2 pounds
Notes: Active Integration with other PreSonus products

presonus.com

QSC TouchMix-30 PRO



Input Channels/Local Pre's: 32/24
Max Sampling Rate: 48 kHz
Faders: Virtual on touch screen
Onboard I/O: 24 XLR in, 6 TRS ins; 18 TRS bus outs
Remote I/O: No stageboxes offered

Other Frame Sizes: TouchMix-16 PRO
Network Interfacing: USB, Ethernet routing to TouchMix Control App
Footprint/Weight: 18 x 17"; 17.5 pounds
Notes: Direct multi-track capture/playback

qsc.com

Behringer X32



Input Channels/Local Pre's: 40/32
Max Sampling Rate: 48 kHz
Faders: 25
Onboard I/O: 32 XLR in/18 XLR out
Remote I/O: S16, S32, SD16, SD32

Other Frame Sizes: X32 Compact, X32 rack
Network Interfacing: Ultranet
Footprint/Weight: 31.5 x 21"; 45 pounds
Notes: DAW control section

behringer.com

CADAC CDC four:m



Input Channels/Local Pre's: 56/16
Max Sampling Rate: 96 kHz
Faders: 17 faders
Onboard I/O: 16 XLR in; 3 XLR out
Remote I/O: CDC I/O 3216

Other Frame Sizes: CDC-six, CDC eight-16, CDC eight-32
Network Interfacing: MADi optional
Footprint/Weight: 19 x 22.5"; 33 pounds
Notes: TabMix app for iPad control

cadac-sound.com

Roland M-480



Input Channels/Local Pre's: 60/8
Max Sampling Rate: 48 kHz
Faders: 25 faders
Onboard I/O: 8 XLR in; 8 XLR out
Remote I/O: S2416
Other Frame Sizes: M300

Network Interfacing: RSS REAC
Footprint/Weight: 29.5 x 24"; 44 pounds
Notes: Supports M-48 personal mixers and R-1000 recorder

proav.roland.com

Soundcraft S1 Impact 40



Input Channels/Local Pre's: 40/32
Max Sampling Rate: 48 kHz
Faders: 26 faders
Onboard I/O: 32 XLR in/16 XLR out
Remote I/O: Mini Stagebox 16; Mini Stagebox 32

Other Frame Sizes: No
Network Interfacing: Optional MADi, CobraNet, Aviom, BLU link, RockNet and Dante
Footprint/Weight: 29.5 x 20"; 44 pounds
Notes: FaderGlow for ease of navigation

soundcraft.com

Crest Audio Tactus



Input Channels/Local Pre's: 64/8
Max Sampling Rate: 96 kHz
Faders: 18 moving faders
Onboard I/O: 8 line/mic ins; 8 outs
Remote I/O: 32 mic/line ins; 16 outs; AES-3 outs

Other Frame Sizes: Expandable
Footprint/Weight: Variable per system configuration
Notes: Modular system based on custom audio hardware, Tactus Mix controller and Waves Audio eMotion LV1 mix software

tactusdigitalmixing.com

DiGiCo S31



Input Channels/Local Pre's: 40/24
Max Sampling Rate: 96 kHz
Faders: 21 faders
Onboard I/O: 24 XLR in; 12 XLR out
Remote I/O: SD-Mini Rack; SD-Nano Rack
Other Frame Sizes: S21

Network Interfacing: MADi, Dante, Optocore, SoundGrid, Hydra
Footprint/Weight: 30 x 23"; 42 pounds
Notes: DiGiCo Multichannel Interface (DMI) expansion options

digico.biz

Waves Audio eMotion LV1 Platform 8

Input Channels: 16 to 64 mono/stereo input
Max Sampling Rate: 96 kHz
Faders: Virtual via touch screen; Platform series hardware controllers also offered
Onboard I/O: SoundGrid I/Os.
Remote I/O: One or more SoundGrid I/Os.
Other Frame Sizes: Numerous
Footprint/Weight: Varies by configuration
Notes: Waves Dugan Speech plug-in option offered



waves.com

Yamaha TF5



Input Channels/Local Pre's: 48/32
Max Sampling Rate: 48 kHz
Faders: 33 faders
Onboard I/O: 32 XLR in/16 XLR out
Remote I/O: TIO1608-D

Other Frame Sizes: TF3; TF1
Network Interfacing: Dante
Footprint/Weight: 34 x 23.6"; 44 pounds
Notes: TouchFlow Operation; includes Dugan Automixer as standard

yamahaca.com