



Rack Mount Analog Mixers

By GeorgePetersen

Over the years, rack mount analog mixers have developed from simple utilitarian devices into some fairly complex systems suitable for serious pro applications. And despite their compact enclosures, these can provide a real solution, whether employed as a submixer as part of a larger rig or simply used as-is in a

straightforward application, where showing up with the latest 72-channel behemoth for a small bread-and-butter gig at a local mall opening just seems like overkill. With that in mind, here's a look at some of what's available in rack mount mixers from a variety of manufacturers.

Alesis MultiMix 12R



Input Channels/Mic Preamps: 12/8
Groups: no
Main Outputs: 2 (TRS, RCA)
Aux Returns: no
Sends (pre/post): 1/1
EQ Type: 2-band shelving
Onboard Effects: no
Extras: 3-rackspace package

alesis.com

Behringer Eurorack Pro RX1202FX



Input Channels/Mic Preamps: 12/8
Groups: no
Main Outputs: 2 XLR
Aux Returns: 2
Sends (pre/post): 1/1
EQ Type: 2-band
Onboard Effects: yes, 100 presets

behringer.com

Allen & Heath MixWizard 14:4:2



Input Channels/Mic Preamps: 14/10
Groups: 4
Main Outputs: L/R + mono out (XLR)
Aux Returns: no
Sends (pre/post): 6; all pre/post switchable
EQ Type: 4-band, sweep mids
Onboard Effects: no
Extras: 6x2 matrix; onboard pink noise/1kHz tone; converts to 6-out monitor board

allen-heath.com

Carvin RX1200R



Input Channels/Mic Preamps: 12/12
Groups: no
Main Outputs: L/R + mono (XLR)
Aux Returns: no
Sends (pre/post): 2/2
EQ Type: 3-band with shelving LF/HF
Onboard Effects: Dual 24-bit multieffects
Extras: Four 7-band graphic EQs; USB power port; 5U design; powered version available.

carvin.com

APB-Dynasonics ProRack-House H1020

Input Channels/Mic Preamps: 16/20
Groups: 4
Main Outputs: L/C/R + mono out (XLR)
Aux Returns: no
Sends (pre/post): 6; all pre/post switchable
EQ Type: 4-band, sweep mids
Onboard Effects: no
Extras: inputs 13-16 are stereo mic/line; rotatable rear panel



apb-dynasonics.com

Crest X 20R

Input Channels/Mic Preamps: 20/12
Groups: no
Main Outputs: L/C/R (XLR)
Aux Returns: no
Sends (pre/post): 6; pre/post switchable
EQ Type: 4-band semi-parametric
Onboard Effects: no
Extras: Also available in monitor version and X-18R model with 14 preamps + 2 stereo inputs



crestaudio.com

Ashly MX508



Input Channels/Mic Preamps: 8/8
Groups: no
Main Outputs: L/R + mono (XLR and TRS)
Aux Returns: 2 stereo
Sends (pre/post): 1/1
EQ Type: 3-band; sweep mid
Onboard Effects: no

ashly.com

Hear Technologies Mix Back



Input Channels/Mic Preamps: 16/16
Groups: no
Main Outputs: 14 TRS
Aux Returns: 2 stereo
Sends (pre/post): 12/1
EQ Type: 4-band with sweep mids
Onboard Effects: no
Extras: FOH/monitor console with passive XLR split on all inputs; includes ADAT I/O and road case; interfaces with company's Hear Back personal cue mix units.

hearttechnologies.com

Mackie ProFX16



Input Channels/Mic Preamps: 16/10
Groups: 4
Main Outputs: 2 (XLR + TRS)
Aux Returns: 1 stereo
Sends (pre/post): 2/1
EQ Type: 3-band, sweep mid
Onboard Effects: Yes
Extras: Optional rack ears; stereo graphic EQ; 4 onboard compressors; stereo USB I/O

mackie.com

Samson MDR 1688



Input Channels/Mic Preamps: 16/8
Groups: no
Main Outputs: 2 XLR
Aux Returns: 2 stereo
Sends (pre/post): 2 (1 pre/post switchable)
EQ Type: 3-band, sweep mid
Onboard Effects: Yes

samsontech.com

Peavey 16FX



Input Channels/Mic Preamps: 14/12
Buses/Groups: 4
Main Outputs: 2 (XLR + TRS)
Aux Returns: 2
Sends (pre/post): 4/2
EQ Type: 3-band, sweep mid
Onboard Effects: Yes
Extras: Dual USB ports for recording/streaming; output effects include Feedback Ferrets, dynamics, delays and dual 5-band parametric or 27-band graphic EQs.

peavey.com

Soundcraft GB 2R



Input Channels/Mic Preamps: 16/16
Groups: 2
Main Outputs: L/R + mono (XLR)
Aux Returns: 2 stereo
Sends (pre/post): 6 (2 pre/2 post/2 switchable)
EQ Type: 4-band, sweep mids
Onboard Effects: no
Extras: 16x2 version also offered; rotatable connection pod

soundcraft.com

Phonic Helix Board 24 Universal



Input Channels/Mic Preamps: 18/16
Groups: 4
Main Outputs: L/C/R (XLR + TRS)
Aux Returns: 4 stereo
Sends (pre/post): 6 (2 pre/post switchable)
EQ Type: 3-band, sweep mid
Onboard Effects: Yes
Extras: S/PDIF out; plus multi-track 96kHz USB/FireWire recording outputs.

phonic.com

TOA M-900 MkII



Input Channels/Mic Preamps: 8/8
Groups: no
Main Outputs: 1 (RCA, barrier strip)
Aux Returns: no
Sends (pre/post): no
EQ Type: 2-band shelving on master out
Onboard Effects: no
Extras: Customizable modular design with eight slots for TOA input modules, including mic and line inputs with onboard compressor or gating, muting, high/low cut filters.

toaelectronics.com

Rane MLM 65



Input Channels/Mic Preamps: 6/6
Groups: no
Main Outputs: 2 XLR
Aux Returns: no
Sends (pre/post): pre-fader cue sent to headphone bus
EQ Type: none
Onboard Effects: no
Extras: Stereo digital out (USB, Toslink, S/PDIF); switchable RIAA input; USB charge port for iPod/iOS devices.

rane.com

Yamaha MGP 16X Input Channels/Mic Preamps: 16/10



Input Channels/Mic Preamps: 16/10
Groups: 4
Main Outputs: 2
Aux Returns: stereo
Sends (pre/post): 2/2
EQ Type: 3-band, sweep mid
Onboard Effects: Yes
Extras: Stereo Hybrid Channel with digital control of analog circuitry; onboard compressors; discrete Class-A mic preamps.

yamahaproaudio.com