



Avantis 64

Avantis is a 64 channel / 42 configurable bus mixer platform featuring our 96kHz XCVI FPGA engine with class-leading 0.7ms latency plus add-on processing from our flagship dLive mixing system.



Physical

Size of Unit	917 x 627 x 269 mm
Item Weight	26kg
Cased weight	34kg
Size of unit cased	1100 x 850 x 425 mm

Electrical

Power Supply	Auto-Ranging 100-240 VAC (50/60 Hz) ± 10%. IEC
Power Connection	ICE
Power Consumption	150W

Input / Outputs

Physical Input Channels	12 Local Mic/Line Inputs (XLR) - 1 Stereo AES Input (XLR)
Physical Outputs	12 Local Line Outputs (XLR) - 2 Stereo AES Outputs (XLR)

Parameters

XCVI FPGA core

- 96kHz sample rate
 - Variable bit depth
 - 96bit accumulator
 - Class leading, ultra-low latency (0.7ms)
 - Twin 15.6" Full HD capacitive touchscreens with gesture control
 - Innovative compact design with super-tough, lightweight full-metal chassis
 - 64 Input Channels with full processing (LPF/HPF, Gate, PEQ, Comp, Delay)
 - Configurable 42 bus architecture with full processing (PEQ, GEQ, Comp, Delay) on Mix Outputs.
 - DEEP Processing Ready
 - 144 fader strips (24 faders, 6 layers) with optional dedicated master section
 - SLink EtherCON connection for remote audio using gigaACE, GX, DX, ME and dSnake protocols.
 - 12 Local Mic/Line Inputs (XLR)
 - 12 Local Line Outputs (XLR)
 - 1 Stereo AES Input (XLR)
 - 2 Stereo AES Outputs (XLR)
 - 2 I/O Ports, both capable of 128x128 operation at 96kHz – for optional cards inc. Dante, MADI and gigaACE
 - 8 Mute Groups
 - 16 DCA Groups with DCA Spill and MCA functionality
 - 12 Stereo FX with dedicated FX Returns
 - 24 Assignable SoftKeys
 - 6 Assignable Custom Rotaries
 - Comprehensive metering with multipoint peak detection
 - Integrated Fader Illumination
 - Built-in signal generator, RTA and spectrogram
 - AMM (Automatic Mic Mixer) up to 64 channels across 1,2 or 4 zones
 - Quick copy/paste/reset for parameters
 - User Permissions to restrict operator access
 - 500 Scene memories per show
 - Channel Safes, Global and per Scene Recall Filters
 - USB stereo recording and playback
 - USB transfer of Scenes, Libraries, Shows
 - DAW Control driver for MIDI control via TCP/IP
 - Wireless remote mixing apps for iPad
 - BNC Word Clock connector (input or output)
 - ¼" TRS and 3.5mm Headphone outs with dedicated analogue volume control
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Environmental

IP Rating	-
Cooling	Fans
Operating temperature	0-35°

Accessories Included

Dust Cover
Wireless iPad Control Kit
3.5mm stereo TRS to 2 x male XLR
Dust Brush
USB A>B Cable
IEC Power Cable

Compatibility

External Multicore	DX168
Network Router	Yes

Information Links

Manufacturer Link [Avantis 64](#)

Data Sheet [Spec Sheet](#)