

LIVE2404

PROFESSIONAL 24-CHANNEL/4-BUS MIXER

- > 18 XLR INPUTS WITH DNA™ MICROPHONE PREAMPS
- > DYNAMIC COMPRESSION (CHANNELS 1-8)
- > 3-BAND EQ WITH SWEEPABLE MIDS

SPECIFICATIONS

Mono Input Channels

Microphone inputs:	Electronically balanced, discrete input configuration
Frequency response:	20 Hz to 20 kHz, +0.5 dB
THD+N:	<0.005% at 0 dBu, 1 kHz
Gain range:	0 dB to 50 dB (Mic)
SNR:	90 dB

Line Inputs

	Electronically balanced
Frequency response:	20 Hz to 20 kHz, +0.5 dB
THD+N:	<0.03% at 0 dBu, 1 kHz
Sensitivity range:	-15 dBu to 30 dBu

Impedances

Microphone inputs:	51.1 K Ω
Channel insert return:	200 K Ω
All other inputs:	>100 K Ω
2-Track outputs:	10 K Ω
All other outputs:	20 K Ω

Equalization - Mono Channels

High-shelving:	± 15 dB @ 12 kHz
Mid-bell (mono):	± 15 dB sweep able from 100 Hz — 8 kHz
Low-shelving:	± 15 dB @ 80 Hz

Equalization - Stereo Channels

High-shelving:	± 15 dB @ 12 kHz
High-Mid-bell (mono):	± 15 dB @ 3 kHz
Low-Mid-bell (mono):	± 15 dB @ 500 Hz
Low-shelving:	± 15 dB @ 80 Hz
Main EQ:	9 EQ bands (63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 16 kHz), ± 15 dB

DSP Section (DFX)

A/D & D/A converters:	24-bit
DSP Resolution:	24-bit
Effects:	10 DSP effects families with 10 variations available per family
Presets:	100 total
Controls:	Rotary encoder to select preset, DSP mute switch, peak LED indicator

Main Mix

Noise (bus noise):	Fader 0 dB, channels muted: -84 dBr (ref: +4 dBu) Fader 0 dB, all input channels assigned & set to unity gain: -73 dBr (ref: +4 dBu) Mic Pin2/Pin3 and Pin1 48 ± 2 V
Phantom Power:	

Power Supply

Main voltage:	USA/Canada: 100-120 VAC ~60 Hz UK/Australia: 240 VAC ~50 Hz Europe: 210-240 VAC ~50 Hz
Power consumption:	50 W
Fuse:	1.25 A
Main connection:	Standard IEC receptacle

Dimensions (w x d x h)	28.1" x 16.4" x 3.1" / 714mm x 417 mm x 79 mm
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Weight	18.3 lbs. / 5.9 kg
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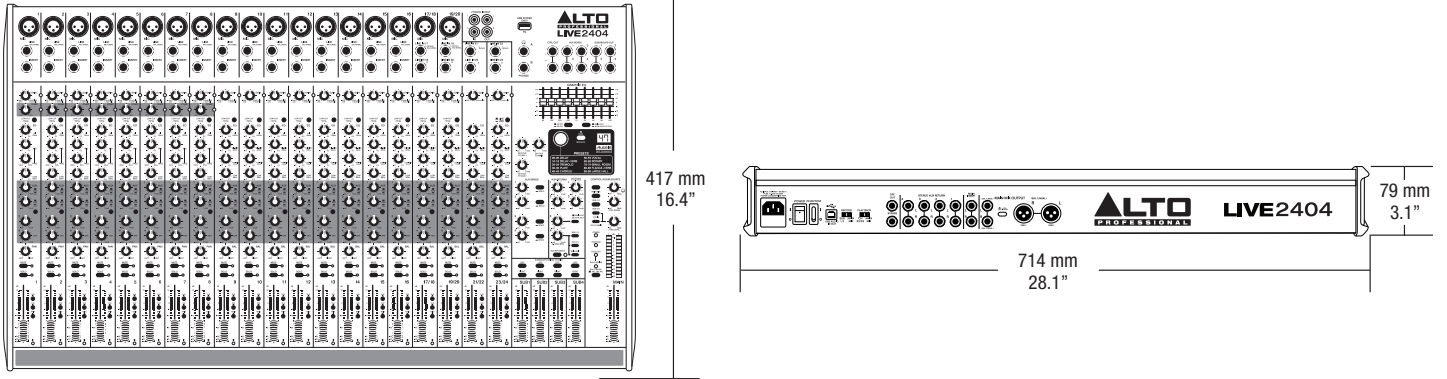
APPLICATIONS

Mid/Large-sized PA systems
Gymnasiums, fitness centers, and dance studios
Houses of worship
Theaters
Bars, restaurants, clubs
Band and Mobile DJ systems
Special events, presentations, and weddings

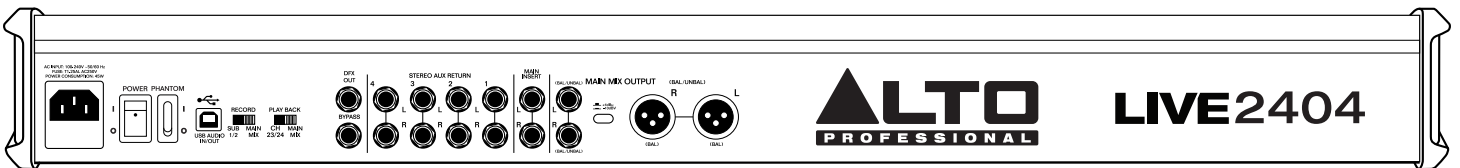
FEATURES

18 XLR inputs with DNA™ microphone preamps
Dynamic compression (Channels 1-8)
3-band EQ with sweepable mids
4 aux sends; pre/post switching on Sends 1 and 2
60mm faders with mute and PFL/AFL solo functions
100 Alesis DSP effects
USB audio connectivity with level control
Balanced XLR, balanced/unbalanced 1/4" outputs
Headphone out with independent level control
Switchable phantom power
USB jack to power lamps or charge mobile devices

DIMENSIONS



CONNECTORS



LIVE2404