

LIVE1604

PROFESSIONAL 16-CHANNEL/4-BUS MIXER



PRODUCT OVERVIEW - v1

- > 10 XLR INPUTS WITH DNA™ MICROPHONE PREAMPS
- > DYNAMIC COMPRESSION (CHANNELS 1-6)
- > 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 KΩ
Channel insert return:	200 KΩ
All other inputs:	>100 KΩ
2-Track outputs:	10 KΩ
All other outputs:	20 KΩ

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 @ 3 KHz
Low-shelving:	±15 dB @ 500 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±2V
Phantom Power:	Mic Pin2/Pin3 and Pin1 48±2V

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:	35 W
Fuse:	1.25 A
Main connection:	Standard IEC receptacle

Dimensions (w x d x h)	19.4" x 16.4" x 3.1" / 492mm x 417 mm x 79 mm
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Weight	13.1 lbs. / 5.9 kg
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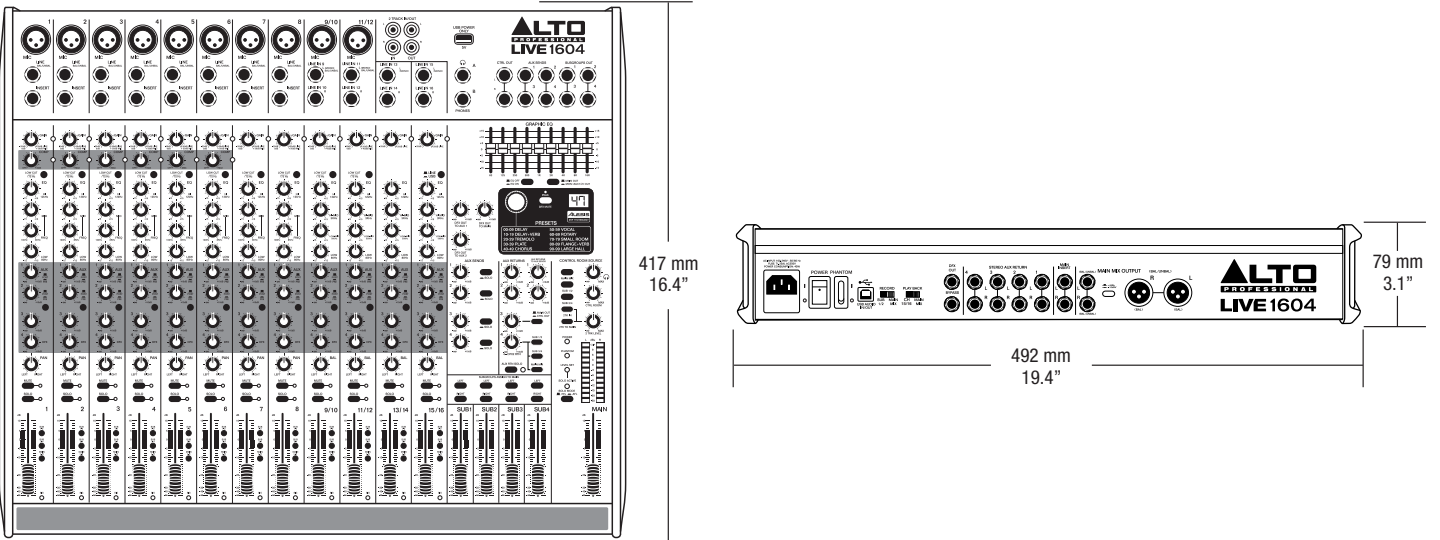
APPLICATIONS

- Small/Mid-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

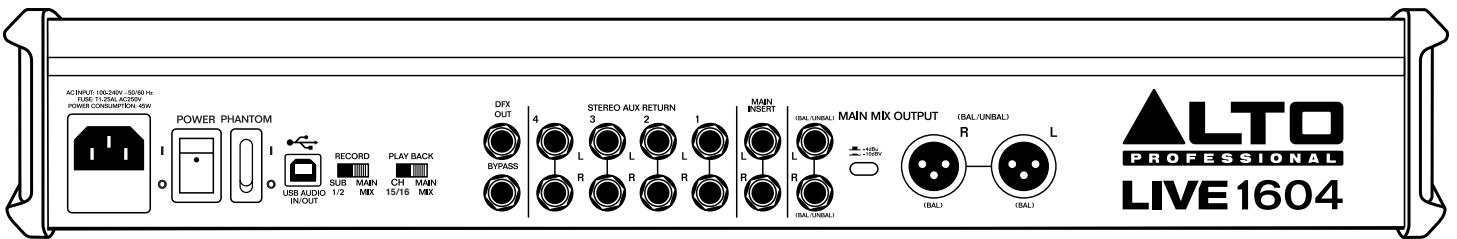
FEATURES

- 10 XLR inputs with DNA™ microphone preamps
- Dynamic compression (Channels 1-6)
- 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



LIVE1604

altoprofessional.com

All information subject to change. Page 2