

TRUEMIX 500

5-CHANNEL ANALOG MIXER WITH USB

- USB I/O for audio playback and stereo recording
- 1/4" Main, Tape, and Headphone outputs
- Mic input channel with 18V phantom power and balanced line input
- Two stereo input channels with balanced 1/4" TRS jacks
- Two-band EQ on all channels
- 2-track inputs w/ assignable routing: Main Mix or Headphone Out



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SIMPLE-TO-USE ANALOG AUDIO MIXING FOR ANY APPLICATION

The Alto Professional TrueMix 500 is a portable mixer with a built-in stereo USB audio interface that delivers all the essential features you need for home recording, livestreaming, podcasting, or performing. There are five analog inputs with high-headroom circuitry for minimal noise and clipping in your signal. The Mic Input Channel offers an XLR input that's great for connecting a dynamic mic or condenser mic that requires phantom power. This channel also has a balanced 1/4" line input for connecting instruments and other line-level signals. There are also two Stereo Input Channels, each with dual balanced 1/4" TRS inputs. These inputs are perfect for your line level audio sources. All channels feature a two-band EQ with color coded knobs that make it easy to dial in your perfect sound when operating in low-light situations. Connecting the TrueMix 500 to your computer is also lightning fast, with plug and play connectivity on Windows and macOS. The TrueMix 500 is your perfect companion for no-nonsense audio mixing and recording on the go.

Technical Specifications

Frequency Response

All inputs: 20 Hz – 22 kHz (± 1 dB)

THD+N (Total Harmonic Distortion)	All inputs: < 0.005% (@ 4 dBu, 1 kHz)
Gain Range	Mic inputs (Channel 1): 0 – 44 dB Line input (Channel 1): 12 – 30 dBu Line inputs (Channels 2/3): 0 dBu
Max Voltage Gain	74 dB (Mic Input to Main Out and 2TK Output) 80 dB (Mic Input to Phones Output) 30 dB (Line Input to Main Out)
Impedance	Mic inputs: 3.9 k Ω All other inputs: > 10 k Ω 2TK output: 1 k Ω All other outputs: 120 Ω
Crosstalk	Adjacent inputs: < -80 dB @ 1 kHz Inputs to outputs: < -75 dB @ 1 kHz (stereo L/R, Channel 1, panned hard left or right)
Equalization	High: ± 15 dB @ 12 kHz Low: ± 15 dB @ 80 Hz
Connectors	(2) 1/4" (6.35 mm) TRS outputs (2) 1/4" (6.35 mm) TRS stereo L/R inputs (1) 1/4" (6.35 mm) TRS headphone output (1) 1/4" (6.35 mm) TRS mono input (1) XLR input (1) Stereo RCA L/R input (1) Stereo RCA L/R output (1) USB type-B input (1) DC power input
Controls	(1) Power switch (6) Volume control knobs (1 per input and output) (3) Gain control knobs (1 per channel) (3) EQ Hi control knobs (1 per channel) (3) EQ Low control knobs (1 per channel) (3) Stereo pan control Knobs (1 per channel) (2) Locking switch buttons
Indicators	(1) Power LED, (3) Peak LEDs, (8) Main Out meter LEDs
Main Mix	Main output: (2) 1/4" (6.35 mm) balanced TRS, +22 dBu max output 2TK output: (2) unbalanced RCA, 0 dBu max output Headphone output: (1) stereo 1/4" (6.35 mm) TRS, 160 mW @ 32 Ω
Power	Connection: DC Voltage: 18V, 500 mA Consumption: 9 W
Dimensions (width x depth x height)	6.3" x 7.6" x 2.6" 159.5 mm x 193 mm x 66 mm
Weight	2.0 lbs. 0.9 kg

Specifications are subject to change without notice