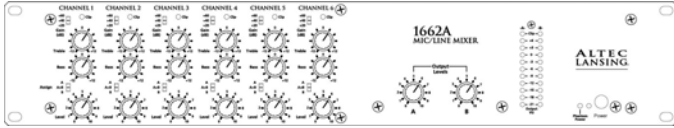




ALTEC LANSING.

1662A

Rack Mount Mic/Line Mixer



FEATURES – THE ALTEC LANSING DIFFERENCE

- 6 Mic/Line Inputs
- Stereo Summing on Inputs 5 & 6
- Studio Quality Microphone Preamps
- Bass & Treble Controls on each Input
- Dual Outputs (selectable)
- 19" Rack Mount, 2RU

GENERAL PRODUCT DESCRIPTION

Altec Lansing's 1662A mic/line mixer is a professional, studio quality solution for your permanent install mixing needs. The 1662A features six (6) microphone or line inputs with 20dB pad, TRS insert, and +48V phantom power. Each input channel has up to 60dB input gain, separate bass & treble controls, an output assign switch for sending signal to either or both outputs, and a level control. Stereo summing inputs on channels 5 & 6 provide a convenient way to add typical program sources from DVD, CD, or tape. The summing inputs can be connected for stereo-to-mono or stereo-to-stereo operation. A full 11-segment LED array indicates levels on output A and B. Outputs are active servo-balanced.

Mic/line inputs and main outputs use Euroblock connectors, allowing bare wire to be easily connected to the mixer without soldering.

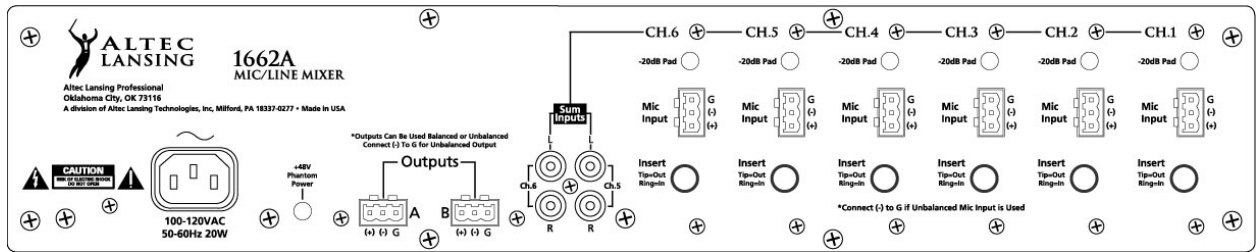
APPLICATIONS

The 1662A is useful for most sound reinforcement or public address needs. It is perfect for school gymnasiums, meeting rooms, Houses of Worship, lecture halls, and auditoriums. The 1662A can be set up as two mixers in projects where budget is tight. It can also be a stereo mixer for small, portable systems.

GENERAL SPECIFICATIONS

TOTAL HARMONIC DISTORTION: <0.01% @ +4dBu . . . 20Hz – 20kHz
INTERMODULATION DISTORSION (SMPTE IM) <0.01% @ +4dBu . . . 20Hz – 20kHz
HUM & NOISE (20Hz – 20kHz noise bandwidth) <-127dBu equivalent input hum and noise <-98dBu residual output noise; all level controls at min. <-95dBu main outputs; Master / all Channel levels at min. <-74dBu main outputs; Master / all Channel levels at nom
MAXIMUM VOLTAGE GAIN: +84dB . . . Mic/Line Input-to-Main Output
FREQUENCY RESPONSE +0.5/-1.0dB . . . 20Hz – 20kHz
EQUALIZATION: Low . . . ±12dB at 90Hz (shelving) High . . . ±12dB at 8kHz (shelving)
CROSSTALK: <-70dB . . . Adjacent Inputs, 20Hz – 20kHz
VU METERS Main Outputs . . . -21 to +6 VU (0VU = +4dBu)
PEAK INDICATORS Peak clip indicator on each input channel and main outputs; Illuminates 3dB below clipping
MAXIMUM LEVELS Input Level, +20dB gain, pad in . . . +22dBu RCA Input Level . . . +10dBu Output Level . . . +23dBu
PHANTOM POWER +48VDC applied to all mic inputs, switchable on rear panel. Maximum total current draw = 60ma Maximum single channel current draw = 10ma Gradual power-up and down to eliminate "pops"
DIMENSIONS 19"W x 3.5"H x 6.6"D (48.3cm x 8.9cm x 16.8cm)
WEIGHT 12lbs (5.4kg) . . . shipping weight 10lbs (4.5kg) . . . net weight
POWER REQUIREMENTS 120VAC nominal, 93 VAC min, 50 – 60 Hz, 20 watts (240 VAC available)

* unless otherwise stated, specification conditions are:
150 ohm source, Gain switch set at "+40", all other controls set at nominal.



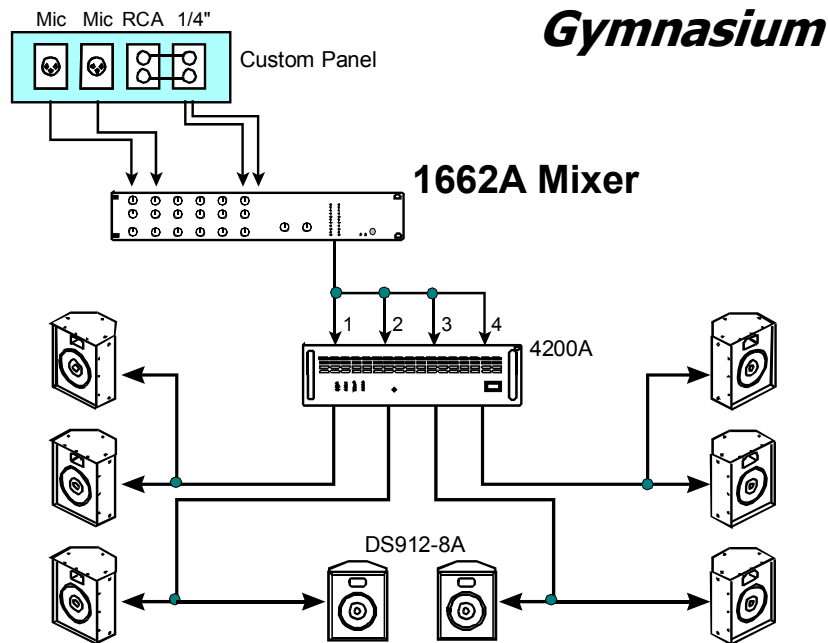
Rear Panel View

ARCHITECT’S AND ENGINEER’S SPECIFICATIONS

The unit shall be a six input mixer with two selectable outputs. Each input channel shall have a switch to select output A, A+B or B and a level control on the front panel. Each input channel shall have bass & treble controls located on the front panel. These controls shall consist of high and low shelving points fixed at 90Hz and 8kHz with 12dB of boost or cut. On the back panel each input channel shall have a 20dB pad, an in/out insert point on a ¼” TRS connector, and a Euroblock connector for balanced microphone and line inputs. +48VDC phantom power for each input must be available (back panel switch).

Each of the two outputs shall have a level control on the front panel and a Euroblock connector on the back. The outputs shall be active servo balanced.

The mixer unit shall be no higher than two rack spaces and must be fully covered with a five year warranty. The dimensions shall be 19 inches (48.3cm) wide by 3.5 inches (8.9cm) high by 6.6 inches (16.8cm) deep. The mixer shall weigh 10 pounds (4.5 kg). The mixer shall be the Altec Lansing Professional model 1662A.



As we are continually striving to improve Altec Lansing products, specifications are subject to change without notice.

VISIT WWW.ALTECPRO.COM FOR

- Specification sheets in .pdf format. Download page 1 of the specification sheet for your submittals.
- One paragraph A&E Specifications in .doc format

