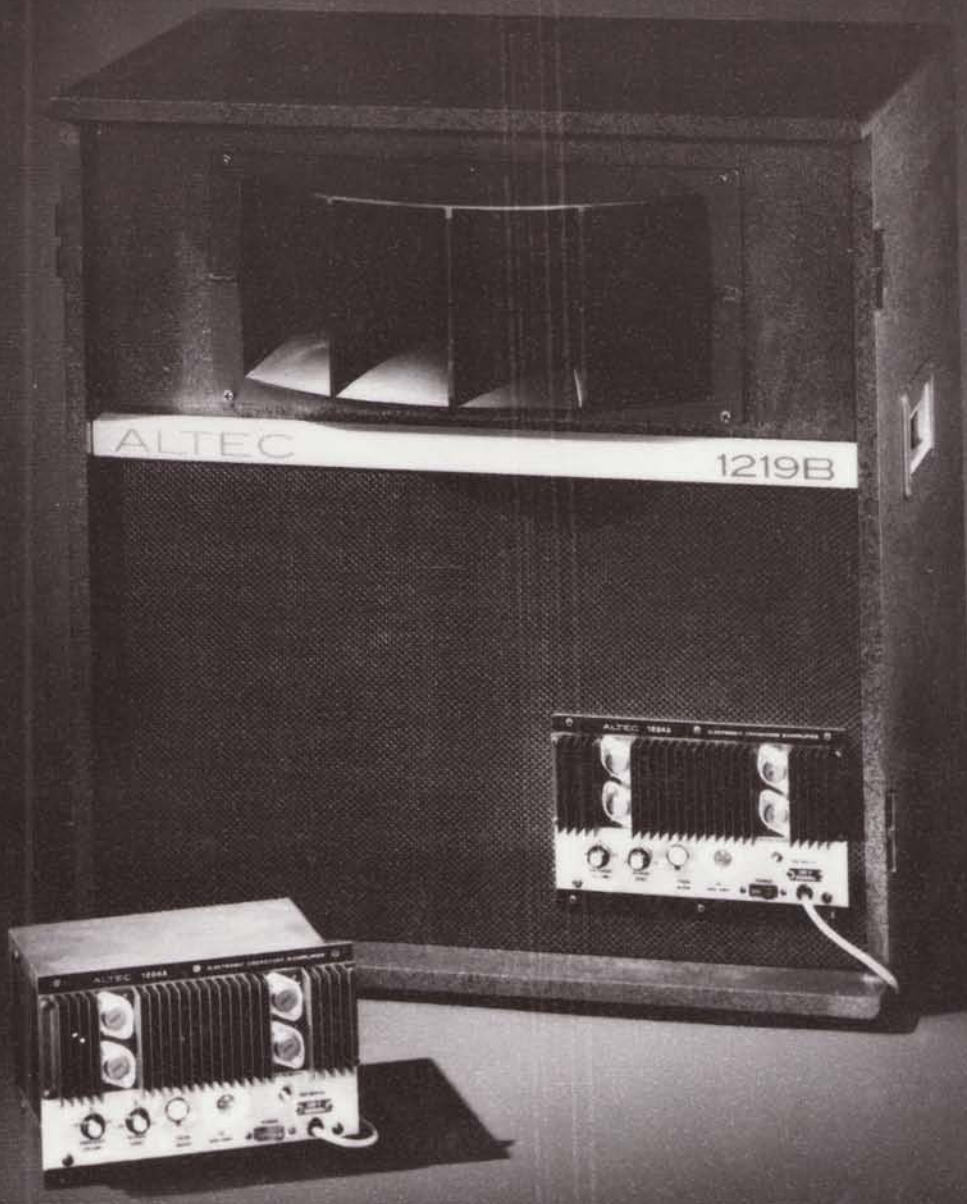
NEW FROM ALTEC

1219B Biamplified Speaker System and 1224A Biamplifier



1219B Biamplified Speaker System and 1224A Biamplifier

The Altec 1219B—a new standard of performance in clean, high-level sound reinforcement. The Altec 1224A—a rugged new biamplifier designed to take road abuse. And it's dependable—for continuous hassle-free performance.

The 1219B features our time-proven Voice of the Theatre type components—a 418 type high-power bass driver in a bass reflex enclosure, and an 811B horn with an 807-8B driver. The Voice of the Theatre components and systems have reached a level of fame second only to the performers who use them, and the 1219B continues this tradition. And the tough, epoxy-finished cabinet has a removable cover for portability and protection.

We've tied the components together with our new 1224A biamplifier. Super stable and rugged. Low distortion. Reliability. The result is a high-level powered speaker system which is super clean, portable, and dependable. The biamp concept results in an efficiency of power transfer not possible in conventional systems. And the 1224A is available separately for use with other systems you may wish to convert to the biamp advantage.

New from Altec. The 1219B powered speaker system, and the 1224A biamplifier.

SPECIFICATIONS

1224A

POWER OUTPUT—	
Bass Amplifier:	100 watts continuous (4 ohms) 60 watts continuous (8 ohms)
Treble Amplifier:	50 watts continuous (4 ohms) 30 watts continuous (8 ohms)
INPUT SENSITIVITY:	0.5V rms direct (for rated output, gain controls at full boost)
TOTAL HARMONIC DISTORTION:	Less than 0.15% at rated output into 8 ohms
INTERMODULATION DISTORTION:	Unmeasurable by normal IHF method
CROSSOVER FREQUENCY:	500, 800 or 1500 Hz with 12 dB/octave rolloff
FREQUENCY RESPONSE:	20 Hz to 20,000 Hz, ±1 dB (composite output)
SIGNAL-TO-NOISE RATIO:	88 dB
INPUT IMPEDANCE:	15,000 ohms direct 15,000 ohms with 15335A transformer 600 ohms with 15095A transformer
MINIMUM LOAD IMPEDANCE:	2 ohms
CONTROLS:	1 amplifier gain control, continuously variable, +3 dB to −15 dB 1 high frequency control, continuously variable, +9 dB to −20 dB 1 electronic crossover frequency selector switch; 500, 800 or 1500 Hz 1 press-to-reset pushbutton circuit breaker
CONNECTORS—	
Input:	1 Cannon XL 3-pin female
Jumper:	1 Cannon XL 3-pin male (to connect to another amplifier)
Output:	4 slip-on-type lugs (high frequency, +, −; low frequency, +, −)
POWER REQUIREMENTS:	120V ac, 50/60 Hz, 160 watts at full output
DIMENSIONS—	
Overall:	6½" H x 9⅞" W x 9" D 16.5 cm H x 25.1 cm W x 22.9 cm D
Panel Cutout:	5½" H x 9½" W 14 cm H x 24.1 cm W
WEIGHT:	16 pounds—7.3 kg
ACCESSORIES:	Altec 15335A Line Bridging Transformer, 15,000 ohms balanced Altec 15095A Line Matching Transformer, 600 ohms balanced

1219B

POWER OUTPUT (1224A)—	
Bass Amplifier:	60 watts
Treble Amplifier:	30 watts
POWER REQUIREMENTS:	160 watts at full output
INPUT SENSITIVITY:	0.5V rms
ACOUSTIC OUTPUT AT MAXIMUM GAIN SETTINGS:	120 dB SPL measured at 4' on axis with 0.5V rms input of pink noise from 100 Hz to 10 kHz
INPUT IMPEDANCE:	15,000 ohms
FREQUENCY RESPONSE:	35 Hz to 20,000 Hz,
CROSSOVER FREQUENCY:	800 Hz with −12 dB/octave slope
SYSTEM COMPONENTS:	1 418-8H type Low Frequency Musical Instrument Loudspeaker 1 811B High Frequency Sectoral Horn 1 807-8B High Frequency Driver 1 1224A Electronic Crossover Biamplifier
ENCLOSURE:	Bass reflex type. ¾" plywood construction with resilient epoxy finish. Recessed handles and removable front cover.
DIMENSIONS:	30¼" H x 28" W x 19¾" D 76.8 cm H x 71.1 cm W x 50.2 cm D
WEIGHT:	123 pounds (55.8 kg)
INPUT CONNECTORS:	1 Cannon XL 3-pin female wired in parallel to 1 Cannon XL 3-pin male

ALTEC
SOUND PRODUCTS DIVISION

1515 S. MANCHESTER AVE., ANAHEIM, CALIFORNIA 92803