

# ALTEC 1203A-1205A Powered Speaker Systems

1203A  
1205A



1203A

1205A

## Features

"The Voice of the Theatre<sup>®</sup>"  
Components

85 watts of power

Exclusive *Symbiotik*<sup>™</sup>  
Diaphragm

Built-in Power Amplifier

Unique – Active Dissipation  
Sensing Circuit

Frequency Range:  
40 – 15,000 Hz (1203A)  
35 – 20,000 Hz (1205A)

Rugged Vinyl Lavant Coverings  
with Vinyl Edge Bumpers

Convenient Handles and Roll  
Around Casters

### DYNAMIC

### DISTINCTIVE

### DIMENSIONAL SOUND

DESIGNED FOR: MOTION PICTURE STUDIOS – RECORDING AND BROADCAST STUDIOS – MUSIC CENTERS – AUDITORIUMS – CONCERT AND MEETING HALLS – NIGHT CLUBS – RESTAURANTS – THEATRES – CHURCHES – SCHOOLS – STADIUMS – ARENAS

ALTEC, the musical sound specialists, combines distinctive styling and dynamic sound reproduction to produce the 1203A and 1205A Powered Speaker Systems. Precision designed and manufactured, the ALTEC 1203A and 1205A complement ALTEC'S 1200 series control consoles.

Both the 1203A and 1205A provide 85 watts of power handling capability for each speaker added. One to ten of these systems added to each output jack of the control consoles provide as much as 1700 watts output power capabilities.

Using the famous, "The Voice of the Theatre<sup>®</sup>" components, modified for musical sound application, the 1203A and 1205A are comprised of one 15" low frequency speaker, and one 800 Hz (1203A), and one 500 Hz (1205A) cast aluminum sectoral horn. The horn embodies a revolutionary new diaphragm of *Symbiotik*<sup>™</sup> construction, capable of handling 85 watts of power over the mid-range and high frequencies.

The ALTEC 1203A and 1205A Powered Speaker Systems contain a built-in amplifier rated at 85 watts rms (220 watts peak music power). A solid-state unit, 100 percent silicon, the operating temperature is maintained within safe limits by a heat sink located in a protective shield on the back panel.

A unique feature of the built-in amplifier is the active dissipation-sensing circuit, providing protection to the output transistors. Should a malfunction occur, or the load represent a severe downward mismatch in the presence of high level program material, the sensing circuit prevents the output transistors from operating in a mode which would cause damage or degradation. As the action of the circuit is immediate and effective at all frequencies within the passband of the amplifier only that portion of the program material which would damage the transistors is limited. The amplifier recovers its normal function automatically as soon as the output fault is removed.

Compact and portable, the ALTEC 1203A and 1205A Powered Speaker Systems are constructed of 3/4" plywood with vinyl Lavant coverings and vinyl edge bumpers, and supplied with casters for easy 'roll around' handling.

At ALTEC where specialization makes the difference modern techniques are the key to the highest quality standards in the industry.



A quality company of LTV Ling Altec, Inc.

1515 S. Manchester Ave., Anaheim, Calif. 92803  
New York

RECORDING &

BROADCASTING

EQUIPMENT

# ALTEC 1203A-1205A

## SPECIFICATIONS

Description	Model 1203A	Model 1205A
Frequency Response:	40 – 15,000 Hz	35 – 20,000 Hz
Power Rating:	85 watts rms (220 watts peak music power)	85 watts rms (220 watts peak music power)
Input Sensitivity:	0.5 vrms for rated output	0.5 vrms for rated output
Input Impedance:	18,000 ohms	18,000 ohms
Crossover Frequency:	800 Hz	500 Hz
Input Connections:	Standard 1/4" phone jacks	Standard 1/4" phone jacks
Speaker Components:	422-4Z LF Speaker 811C HF Horn 807-4C driver	423-4Z LF speaker 808-4Z HF driver 511C sectoral horn
Network:	56-06-30722 800 Hz 4-ohm N800H	56-06-030821 500 Hz 4-ohm
Enclosure:	Bass reflex 3/4" plywood construction with vinyl Lavant covering and vinyl bumpers – supplied with casters and necessary handles	Infinite baffle 3/4" plywood construction with vinyl Lavant covering and vinyl bumpers – supplied with casters and necessary handles
Dimensions:	42" H x 24" W x 20-1/2" D	45" H x 28" W x 25-1/2" D (over handle and horn)
Weight:	112 pounds	137 pounds
Accessories:	Included: 20 foot shielded cable with molded on 1/4" phone plugs Optional: Vinyl Slipcover 1105A	Included: 20 foot shielded cable with molded on 1/4" phone plugs Optional: Vinyl Slipcover 1108A

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The speaker system shall be of the two-way theatre type, with input sensitivity 0.5 vrms for rated output. The power rating shall be 85 watts rms (220 watts peak music power).

The speaker system shall incorporate a built-in solid state 100 percent silicon amplifier rated at 85 watts. Operating temperature of the amplifier shall be maintained within safe limits by a heat sink located in a protective shield on the back panel of the amplifier, providing a chimney effect for heat transfer. The amplifier shall provide a jack in parallel with the input jack for multiple speaker arrangements. The speaker system amplifier shall also include an active dissipation-sensing circuit, providing protection to the output transistors.

The high frequency section shall consist of a compression-type driver, coupled to a straight cast aluminum sectoral horn, embodying a new *Symbiote*™ diaphragm assembly.

The speaker system enclosure shall be of 3/4" plywood construction with vinyl Lavant coverings and vinyl edge bumpers. The enclosure shall be fitted with casters and side handles for ease of handling.

**(ENGINEERING CONTRACTOR: INDICATE THE FOLLOWING SPECIFICATIONS, AS APPLICABLE TO EACH SPEAKER SYSTEM);**

**(1203A)** Frequency response of the speaker system shall be 40 to 15,000 Hz with input sensitivity 0.5 vrms for rated output.

The speaker system shall employ one 15" low frequency speaker, and one 800 Hz cast aluminum horn, and shall be capable of handling 85 watts of power over the mid-range and high frequencies.

Overall size of the speaker system shall be 42" high x 24" wide x 20-1/2" deep. The weight of the speaker system shall not exceed 112 pounds.

Any speaker system not meeting these requirements shall be deemed unacceptable under these specifications.

The speaker system shall be ALTEC Lansing model 1203A.

**(1205)** Frequency response of the speaker system shall be 35 to 20,000 Hz. The speaker system shall employ one 15" low frequency speaker, and one 500 Hz cast aluminum sectoral horn, and shall be capable of handling 85 watts of power over the mid-range and high frequencies.

Overall size of the speaker system shall be 45" high x 28" deep x 25-1/2" wide. The weight of the speaker system shall not exceed 137 pounds.

Any speaker system not meeting these requirements shall be deemed unacceptable under these specifications.

The speaker system shall be ALTEC Lansing model 1205A.

### NOTICE

We recommend that you obtain your Altec products from factory trained authorized Altec Sound Contractors and Distributors. This will assure you of proper installation, a continuing source of knowledgeable advice, service, and quick warranty protection.