



"Because I can hear my teacher better, I understand things much more clearly."

The Innovator
CAE-100W Classroom Audio System





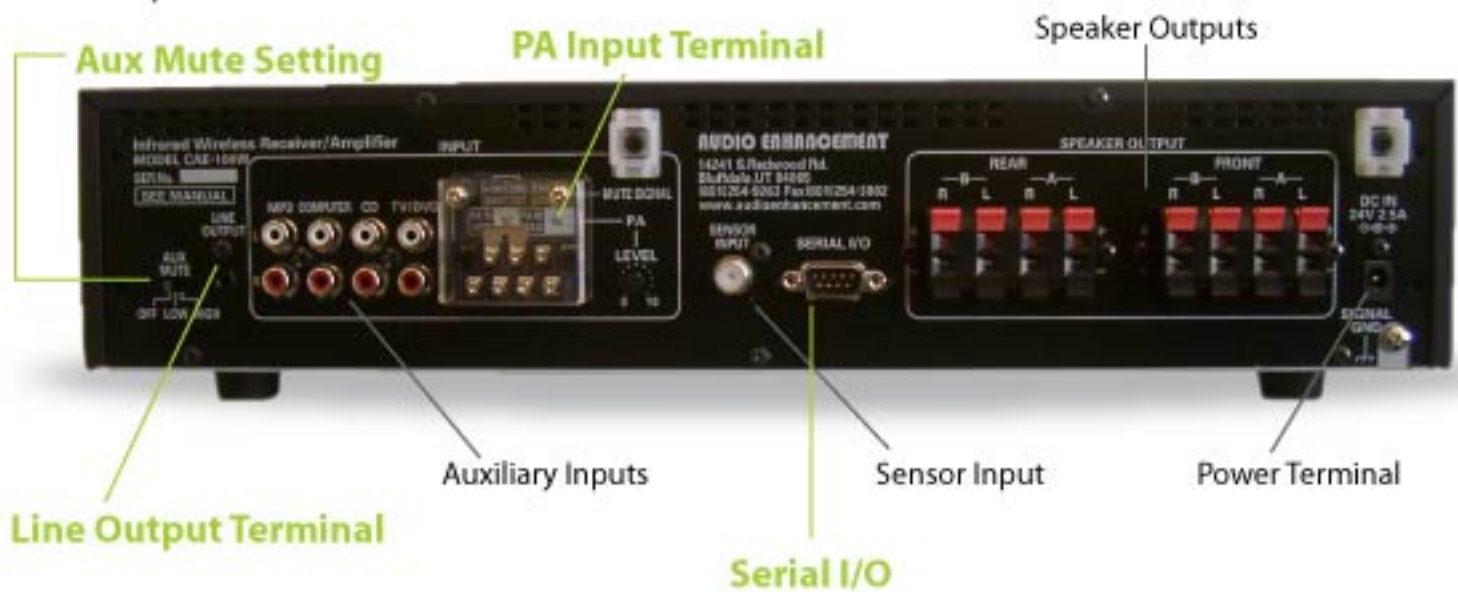
Microphone Volume Control - Patented feature allows 4 infrared microphones to be used simultaneously. The volume control allows the volume of each infrared microphone to be adjusted individually.

Speaker Volume Control - The volume level of each speaker can be independently adjusted with these controls.

3-Band Equalizer - The 3-Band Equalizer allows the teacher to have control over the quality of his or her voice. This adjustment is made by adjusting the "LOW", "MID", or "HIGH" controls until the desired sound quality is achieved.

Auxiliary Input Volume Control - This controls the volume of the auxiliary inputs connected to the input terminals on the back of the amplifier.

Master Volume Control - Adjusts the overall volume level of the system.



Aux Mute Setting - This switch selection controls whether or not the teacher's voice mutes the auxiliary inputs when he or she speaks. Set the switch to "LOW" for normal operation.

PA Input Terminal - Public announcements can be played through the ceiling speakers. The user can adjust the volume level of the PA system by changing the PA level to a comfortable volume.

Line Output Terminal - Provides a line level output for connection of personal FM system, recording devices, or video conferencing systems.

Serial I/O - RS-232 Control allows the teacher to control all audio sources through one intelligent friendly PC user interface.

Specifications



Audio Power	100 W RMS <1% THD 50 Hz to 15 kHz
Stereo	2-channel stereo sound
Frequency Response	50 Hz to 15 kHz
Power Requirements	24 Vdc, 6.25 amps
Receiving Frequencies	Teacher1:2.30 MHZ Teacher2 : 2.80 MHZ Teacher3 : 3.20 MHZ Teacher4 : 3.80 MHZ
Signal-to-Noise	>80db
External Sensors	Up to 7 sensors. *Optional couplers required
Front Panel Controls	4 Teacher Controls 3-Band Equalizer 8 Speaker volume controls 1 power switch 4 auxiliary inputs
Rear Panel Control	voice mute on/off
Remote Control - From Teacher Microphone	Teacher 1 Level Teacher 2 Level Teacher 3 Level Teacher 4 Level Auxiliary Input Level
Remote Control - From Computer	RS-232 Control
Connections	4-Stereo Auxiliary inputs for TV/DVD, CD, Computer & MP3 Line Output Terminal 8 8 ohms Speaker Connections PA Input for either 70V or 25V signal 9-Pin D-sub connector - RS-232 control Infrared Sensor

All Audio Enhancement products are RoHS & UL compliant to help assure the health and safety of students, personnel, and the environment.

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