



1 Single solution for media and public address audio

Because it is compatible with the Conductor™ IP-based paging and bell system, the CM3000 is the most efficient choice for audio amplification in the classroom. It easily handles both streaming and analog audio from sources within the classroom or from the office.

Reduces installation & maintenance costs

Eliminates redundant amplifiers and speakers as a single solution.

Easier configuration

Just use DHCP or static methods to set an IP address, set up your projector baud rate, and you're done. The onboard GUI software makes it easy to adjust audio channel settings and more as needed.

Schedule actions

Just like our control panels, you can program the CM3000 to execute actions based on timed events — for example, shutting down all projectors at 8pm.

Alert priority

Auto-detects priority messages coming from the office via the Conductor IP-based paging system, or analog system, and mutes media and mic audio.

Mic priority

Attenuates media audio whenever teachers or students use FrontRow wireless mics.

Remote update

As projectors and other controlled devices change, you can remotely update the configuration software.

Secure

Keep out hackers by setting up passwords for network access.

2 Low profile, easy to mount

Ordinarily built into ezRoom core enclosures, the CM3000 can also be mounted behind whiteboards or under furnishings as a standalone component.

3 Networked, without hogging a network drop

CM3000 includes a 4-port network switch that eliminates the need for an additional network drop and reduces the amount of network cable required in the classroom. Communicates over standard 10/100Mb/s networks (auto-sensing) using either TCP/IP or UDP protocols.

4 Power jack

5 Jumper plug

Provides a hard ground reference for the unbalanced input.

6 Balanced and unbalanced stereo audio inputs

7 Verification LEDs

8 IR remote input window

For control of the amplifier using legacy infrared remotes.

9 Audio outputs

10 Simple speaker hookup

Captive screw terminals make speaker connection quick and easy.

11 IR and serial control outputs

Routes control signals from CB2000, CB6000, or Encore control panels or from the Maestro and Conductor platforms to serial projectors and other devices.

12 Wireless mic input

Connect the Symbio receiver for amazing voice reinforcement quality.

13 Intercom input

Connect the CB75 intercom panel or CB85 ceiling mic to build two-way communication with the front office into your integrated classroom.

14 PA audio output

Outputs only the audio stream from Conductor.

15 Analog audio streaming source input

Can also be used with the TB13 analog page override adapter.

SPECIFICATIONS

Network support: 10/100Mb/s (auto sensing)

Serial Baud rate: 2400 to 57600 baud

Amplifier type: Class D

Frequency response: 20Hz to 20kHz

Signal-to-noise: >84 dB @ 20 Hz to 20 kHz at maximum output (unweighted, with balanced input)

THD: 0.1% @ 1kHz, at nominal level (1 watt, 8 ohm load)

Maximum audio output power: 2 x 8w (8Ω), 2 x 16w (4Ω)

Power supply: 12VDC at 3.5A

Size (WxHxD): 13 x 14.9 x 2.86cm/ 5.125 x 5.875 x 1.125in

Weight: 0.35kg/0.77lbs

INPUTS/OUTPUTS

- Input power jack
- (4) RJ45 network jacks (2 supplying 12VDC to power control panels)
- (2) 3.5mm unbalanced inputs and (1) 3.5mm configurable balanced/unbalanced input
- (1) RJ45 mic input jack
- (1) RJ45 intercom input jack
- (3) 3.5mm audio output jacks (2 balanced, 1 unbalanced)
- (1) captive screw loudspeaker terminal left and right (mono output)
- (1) captive screw IR control terminal
- (1) captive screw serial control terminal