



CM-3000

Networked Audio Controller

CM-3000

Key Benefits

- Networked streaming/analog audio to classrooms and school common areas
- High-quality school-wide audio
- Auto-detect and mute for priority audio alerts
- Network based classroom AV control
- Network control over non-networked devices like projectors and DVD
- Reduced installation and on-going maintenance costs

Key Components

- IP audio encoder/decoder
- 4 input analog, 32W, amplifier/switcher
- Network based classroom AV controller
- 4 port 10/100 switch
- RS 232 and IR control outputs

Modern schools utilize audio to communicate with faculty, students and others throughout the school day, for a wide range of instructional and administrative purposes. Efficient management of audio sources and destinations is fundamental to school operations. Just as the diversity and importance of audio in schools has grown, the emergence of robust school networks, classroom AV systems and affordable streaming technologies is creating new opportunities for convergence.

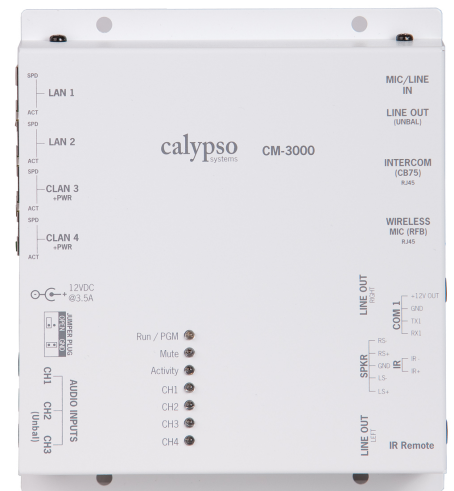
The CM-3000 is an integrated networked audio controller that simplifies the distribution and management of classroom and school-wide audio. Included in the CM-3000 are a:

- 4 input, 32 watt amplifier
- Networked classroom A/V controller
- IP audio encoder/decoder
- 4 port 10/100 switch
- RS 232 and IR control outputs

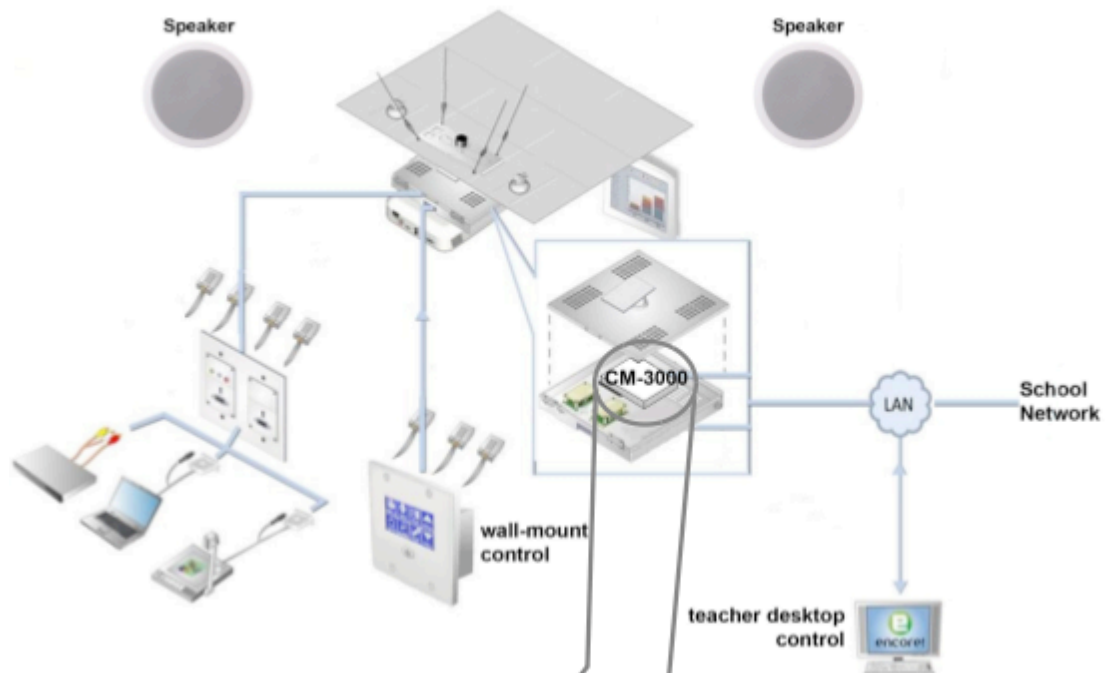
A versatile classroom tool, the CM-3000 will increase audio performance, classroom control and extend your IT budget. For example, when it's paired with Calypso's WCM-RF classroom voice amplification system, the CM-3000 will allow for convenient control of all classroom audio sources. Also, RS 232 and IR control outputs allows for networked control over typically non-networked devices like projectors and DVD players. The inclusion of a 4 port 10/100 switch eliminates the need for an additional network drop and reduces the amount of network cable required in the classroom.

As part of Calypso's Integrated School Communication Solution, the CM-3000 can be deployed at the head-end, in classrooms, hallways, and other common areas. It provides efficient school-wide audio by converting analog to IP audio for network streaming and IP audio back to analog for listening. The built-in 4-input, 32-watt amplifier provides high-quality audio to the classroom. Network based classroom AV device control makes it easy for teachers to use various audio sources for instruction. In addition, the CM-3000 auto-detects audio source priority and adjusts sound levels to, for example, prioritize an emergency alert message.

Call 1-888-381-9646 or visit www.calypsosystems.com for more information on how Calypso's CM-3000 can help you streamline your schools audio distribution and management.



CM-3000



Specifications

Audio

Number/Signal Type	1 stereo or 2 mono (2 channels total)
Min. Load Impedance	4 ohms min - 16 ohm max
Amplifier Type	Improved 92% efficient class D
Cont. Power @ 1% THD	16 watts (rms) per channel @ 4 ohms 8 watts (rms) per channel @ 8 ohms
Connector	5-pin 3.81 mm terminal block header

General

External Universal	100-240 VAC, 50/60 Hz, 1.5A
Power Supply	12 VDC, 3.3A (nominal), regulated
Power input requirements	12VDC – 15VDC max, up to 3.5A
Power Output	12VDC – 15VDC max, up to 0.5A (Active fuse)
Temperature/humidity	Storage: -40 to 158 °F (-40 to +70 °C) / 10 - 90%, non condensing Operating: -32 to 122 °F (0 to +50 °C) / 10 - 90%, non condensing
Enclosure type	Metal (Al), baked powdered white
Enclosure dimensions	1.2" H x 3.25" W x 5.1" D 3.1 cm H x 8.3 cm W x 13.0 cm D
Product weight	0.5 lbs (0.2 kg)
Shipping weight	3 lbs (2 kg)

