

CM3000

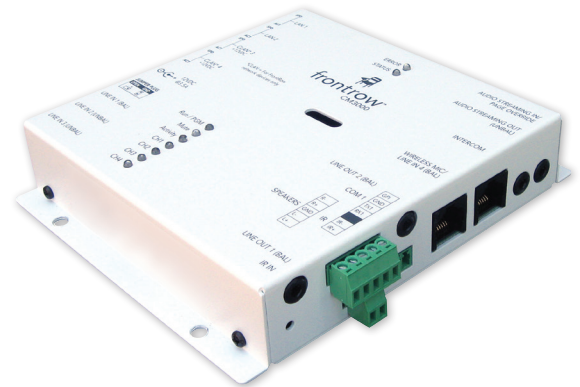
Networked Audio Controller

The CM3000 is integrated networked audio controller that simplifies the distribution and management of classroom and school-wide audio. Included in the CM3000 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
- Optional CMBT audio receiver and CB55 wall mount controller to enable Bluetooth[®] connectivity

A versatile classroom tool, the CM3000 will increase audio performance, classroom control and extend your IT budget. For example, when it's paired with FrontRow's WCM-RF classroom voice amplification system, the CM3000 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 FrontRow's integrated School Communication Solution, the CM3000 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 CM3000 auto-detects audio source priority and adjusts sound levels to, for example, prioritize an emergency alert message.



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

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

Learn more at gofrontrow.com

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