

CM800

Networked Audio

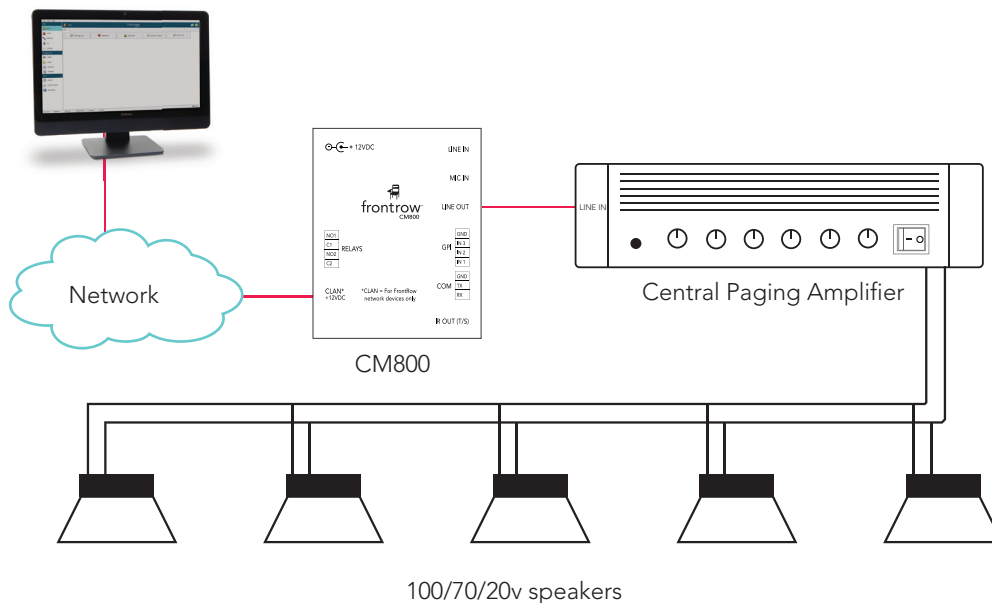
The CM800 is a networked audio decoder that accepts streaming audio input (raw PCM) and delivers line level audio output. The primary purpose of the CM800 is to provide connectivity between the FrontRow Conductor IP-based paging system and standard 100/70/20v amplifiers and speakers frequently used to bring audio messaging to school common and outdoor areas. As such, the CM800 converts 8KHz-sampled audio to line level audio output, suitable for use as an input to standard, 3rd party amplifiers. In addition, the CM800 provides serial, IR, GPI and GPO (relays) to support network-based 3rd party device control. When not streaming audio, the CM800 mixes, samples and plays line level audio from two inputs at 48kHz.

With the CM800, configuration and setup is easy and conveniently done through any standard browser connected directly or over a network.



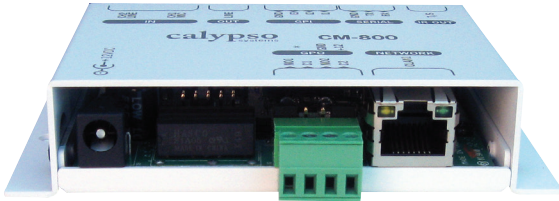
TYPICAL CM800 INSTALLATION

FrontRow Conductor IP
Paging, Bells and Intercom

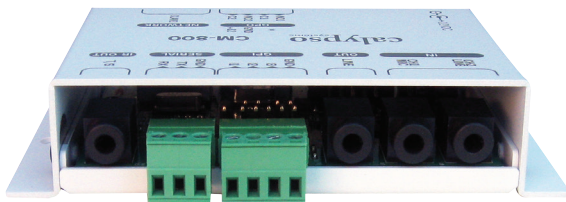


CM800 SPECIFICATIONS

Left Side



Right Side



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

Serial Baud rate: 2400 to 57600 baud

Power supply: 9V 500mA

Size (WxHxD): 9.8 x 6.4 x 2.3cm/3.84 x 2.5 x .913in

Weight: 0.09kg/0.20lbs

INPUTS/OUTPUTS

- (1) input power jack
- (1) RJ45 network jack
- (1) 3.5mm unbalanced stereo audio input jack
- (1) 3.5mm mic input jack
- (2) captive screw general purpose output (GPO) relay terminals (4 position)
- (3) captive screw general purpose input (GPI) relay terminals (4 position)
- (1) 3.5mm infrared control output jack
- (1) captive screw RS232 serial control input/output terminal (3 position)