

Create a safer, more efficient learning environment with FrontRow.
Integrate FrontRow Conductor into your school security system to send alerts and notifications using audio AND video



Safety is of utmost importance to schools across the country. A key element to incorporating a well-situated security system is effective communication within and across the school or district.

The FrontRow Conductor is a modern networked communication system that can communicate with almost any safety system within a school using a serial, network, contact closure or infrared connection, allowing access to trigger any number of commands.

Imagine being able to trigger a lock down, administer emergency maps and plans or having the ability for first responders to communicate within the school walls with the push of a button.

FrontRow Conductor makes it all possible; being a network based system makes it very easy to manage and deploy. Conductor combines an easy-to-use Windows® interface, an enterprise-class audio and device management server, and robust streaming audio hardware to deliver audio where and when it's needed. You get a secure and reliable school-wide communications platform that integrates all audio — scheduled, live or recorded — and provides complete flexibility to meet changing needs. By integrating with your networks, IP telephone systems and classroom A/V, Conductor drives operational and financial benefits unavailable in any other solution.

Why choose FrontRow Conductor?

Teacher or Admin can trigger an alert which can:

- Play a pre-recorded emergency message over the loud speakers.
- Several ways in which a teacher (or student) can trigger a silent alarm.
- When combined with a video messaging system, automatically turn projectors on to show an emergency message or escape plan in every classroom with a projector or show an emergency message across televisions in the school.
- Integrate with the security system to initiate a lock down.
- Integrate with the mass notification system to trigger pre-set emails and phone calls to the police and parents.
- Turn on emergency flashing lights.

A modern networked based communication system to enhance school security and management.



- 1 Push-to-talk all-call mic with pre-amp**
- 2 Dedicated touch-screen PC running Conductor client**
Easy Windows-based GUI for creating communication zones, bell tones, schedules, and cascading emergency action scripts.

Full school-year scheduling with customizable exceptions

Multi-user support

Efficient use of bandwidth

An active Conductor audio-over-IP stream occupies less than 1% of the bandwidth on a typical 100 Mbps network. Accordingly, 10 simultaneous streams would take up about 3% of the bandwidth, and 100 such streams would only take up about 29%.

Coordinated emergency response

Set up scripts for audio alerts, email notifications, and media control for visual response displays.

Auto-detect of highest priority audio source

Reduces potential for audio conflict during classroom instruction.

Remote administration from any Windows computer on the LAN or WAN that is allowed to run the Conductor client software

- 3 1RU server running Conductor and Maestro applications**
- 4 Verification speakers**
- 5 CM3000 amplifier/controller**

SPECIFICATIONS

PUSH-TO-TALK MICROPHONE

Input power: +12V (ITC port on CM-3000)

Connector: RJ45

Microphone Modes:

- PTT (push-to-talk)
- PTM (push-to-mute)
- On-Off toggle

Sensitivity: 5.6 Mv/Pa (millivolt/Pascal)

Size (HxWxD): 344 x 114 x 178mm/
13.54 x 4.49 x 7.01in

Weight: Net 690g/24.34oz

DRS5000 SERVER

OS: Linux: Ubuntu Server 8.04 LTS

(I) Rack Unit

CONDUCTOR

Bandwidth/stream: <1% of a typical
100 Mbps network

NETWORK REQUIREMENTS

Streaming Devices/Server: 250, in single
Class C range

Subnet: Primary (attached) server network port requires 255.255.255.0 Class C subnet regardless of the network architecture. No restrictions on secondary (non-attached) network port, except that it must not be part of the same network as the primary network port.

Contact Pivotal Communications for a demonstration

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