

Conductor Administrative Station

The Conductor Administrative Station is the “head-end” of the Conductor Integrated School-Wide Audio System. It utilizes a client-server architecture comprised of a touch screen graphical user interface based on a Windows PC, push-to-talk microphone, and desk-top speakers located in the central office, and a 1RU Linux server located in the IT closet. The touch screen user interface is where school administrators interact with the Conductor system for daily school-wide communications, while the Linux server is the engine that drives the Conductor system.

The Conductor Administrative Station gives you the freedom and flexibility to efficiently manage daily school-wide audio communications, bell schedules and emergency communications from one location. The easy-to-use Windows interface allows you to:

- **Set school year bell schedules and effortlessly make adjustments** for irregular school days , such as a late start or early release due to weather.
- **Quickly manage daily audio communications** by sending audio communications to the entire campus, to preconfigured school zones, or to any individual end point on your campus -- everything from a prerecorded bell schedule to a live announcement.
- **Create robust emergency alert communications** that include clear audio instructions, visual messaging, mass alerts and auxiliary support for fire alarm systems.



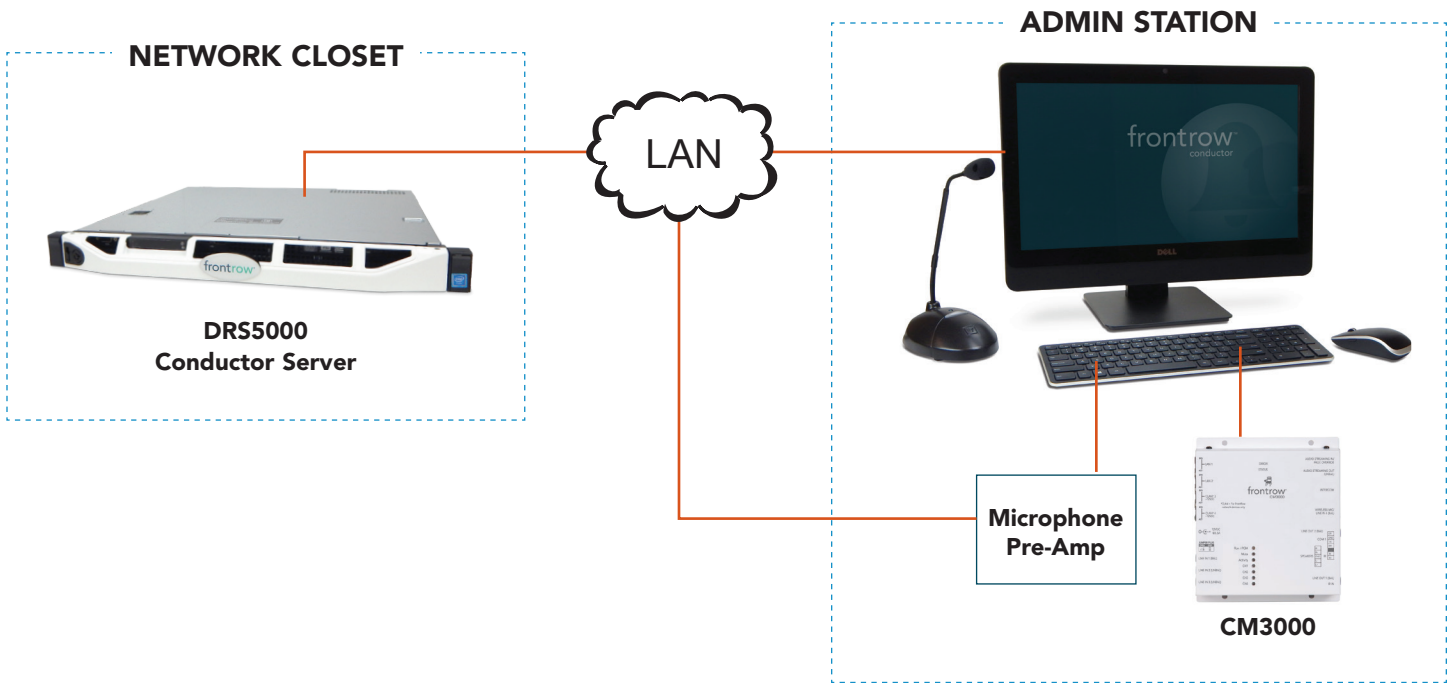
Key Benefits

- Easily adjust bell-schedules for standard or irregular days
- Clear IP audio communications to all school end points
- Flexible zones for efficient school-wide communications
- Robust emergency communications capability includes audio, visual, and mass notification

Key Components

- Conductor client software
- 16" dedicated touch screen PC
- Push-to-talk microphone
- (2) desk top speakers
- CM3000 network audio controller/amplifier
- Microphone pre-amplifier

Conductor Administrative Station Set-Up



FR-ADMIN ADMIN STATION



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 (WxHxD): 4.49 x 13.54 x 7.01 in
(114 x 344 x 178 mm)

Weight: Net 24.340z (690g)

UPS BATTERY BACKUP

Input voltage: 120 Vac Normal

Outlets: 10 (5 on battery)

Output: 750 VA, 450 Watts

Dimensions (LxWxH): 14 x 7 x 4 in
(36 x 18 x 9 cm)

Weight: 11 lb (5kg)

DRS5000 SERVER



SPECIFICATIONS

Operating System: Linux Ubuntu

Remote Admin: Webmin

Dimensions (LxWxH):

10 x 15.27 x 1.73 in
(48.3 x 38.8 x 4.4 cm)

Weight: 20 lbs (9.07 kg)

Bandwidth/stream: <1% of a typical
100 Mbps network (during audio streaming)

NETWORK REQUIREMENTS

Streaming Devices with Conductor:
253 (static IP addresses recommended)

Controllable Devices with Maestro:
16M+

Subnet: Requires 255.255.255.0
Class C subnet (Conductor only)

Internet access: Optional - only
required if using outside domain for
network time