

frontrow™

Conductor Configuration Guide

Fall 2016

Power

FrontRow recommends UPS backup for the front office, server, PA amps, and the switches or midspan injectors providing PoE to the FrontRow endpoints.

In an emergency or power outage, audio communication is critical for the safety and security of students and staff.

Create your FrontRow Campus

1

Office

2

Common Areas

3

Classrooms

4

Additional Areas

5

Phone & more

6

Training

1

Office

Admin Station

FR-ADMIN
FR-ADMIN-AUS
FR-ADMIN-UK
FR-ADMIN-EU



The Admin Station is a high performance touch screen PC setup with gooseneck mic and master audio streamer. This is where the office manager can make announcements, talk to teachers, adjust bell schedules, or trigger emergency alerts.

Server

DRS-5000
DRS-5000-AUS
DRS-5000-UK
DRS-5000-EU



The FrontRow server runs critical Conductor services and houses all of your important configuration information. It includes a lockable front panel, sliding rack rails, and a built-in backup restore utility, and can be installed in the school server room and placed on UPS backup.

2

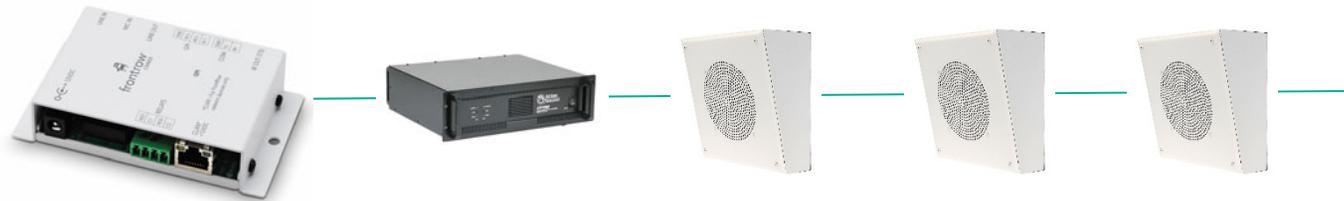
Common Areas

Stream Decoder

CM-800
CM-800-INT

The stream decoder converts the network audio to analog, allowing connection to existing 25/70/100V systems.

Hallways



Gymnasiums
Theatres



Outside areas



3

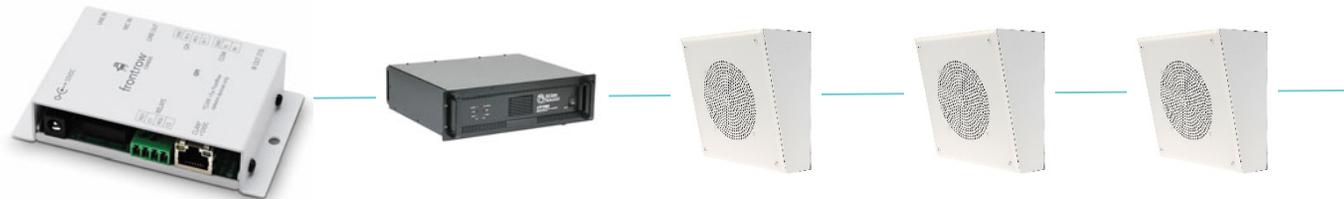
Option 1: One-way paging

Stream Decoder

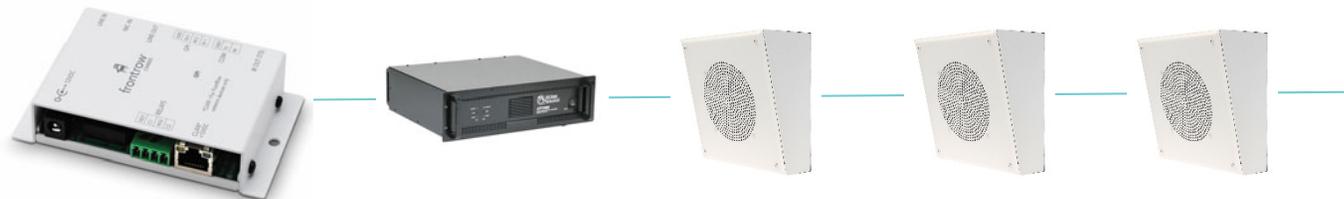
CM-800
CM-800-INT

Use the existing 25/70/100V speakers in each classroom for one-way PA by adding one Stream Decoder for each amp channel.

Classrooms
Zone 1



Classrooms
Zone 2



3

Option 2: IP Paging & Intercom

IP Speakers

PA-C
PAI-C85
PAI-C75



For classrooms with drop ceilings, easily install an IP speaker with optional intercom mic. Connect to PoE for power and data.
(US/CA only)

Stream Amplifier

510-6110-101
CM-800SI-INT



Drive up to four 8 Ohm speakers with this 32 Watt IP Amplifier. (Speakers and enclosure not included).

3

Option 3: IP Paging & Intercom + Classroom Sound

Juno Connect

JN-CT
JN-CT-INT



Juno Connect is a complete classroom sound system with built-in AV control and voice command (US/CA/UK/AN). Easy to install and includes a rechargeable teacher microphone. The stereo speaker array projects sound across the room so that every word is heard.

The PoE extractor allows the Juno to stay on for communications during a power outage, and the push button can be used to trigger a call to the office if the teacher is not wearing the Juno mic.



850-6020-104



CB-50

3

Option 4: IP Paging & Intercom + Complete Classroom AV

ezRoom



CB-85



CB-75



PD-20W



POE-X



Add an intercom panel to your ezRoom for communication with the front office

Add PoE extraction to each ezRoom to allow communication during a power outage

See the *ezRoom Configuration Guide* to create the perfect classroom AV system for your classrooms.

4

Additional Areas

Teacher lounge, locker rooms, library, offices, and more

IP Speakers

PA-C
PAI-C85
PAI-C75



For rooms with drop ceilings, easily install an IP speaker with optional intercom mic. Connect to PoE for power and data. *(US/CA only)*

Stream Amplifier

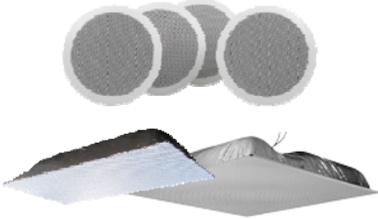
510-6110-101
CM-800SI-INT



Drive up to four 8 Ohm speakers with this 32 Watt IP Amplifier. (Speakers and enclosure not included).

5

Phone, Lights & more

Phone Adapter	Serial Cable	Additional Speakers	Strobe Lights
			
<p><u>CMP-500 (US/CA Only)</u></p> <p>Call in a page or emergency action remotely from any land line or mobile phone. The CMP-500 connects to any analog phone line (use and ATA bridge for PBX).</p>	<p><u>300-2176-140</u></p> <p>Connect the Stream Decoder or Amplifier to a controllable device. (For example, mute the amplifier in the gymnasium when a Conductor page is received by the CM800.)</p>	<p><u>Additional Speakers</u></p> <p>Add more speakers wherever additional coverage is needed. Single speakers or speaker packs are available with and without speaker cable.</p>	<p><u>6400-00012</u></p> <p>Add visual notification to your Conductor solution in the office or hallways. Can be triggered using the relays on the CM800, CM800S, or CM800Si.</p> <p>Flash when an alert call is received, or during emergency announcements. Use to meet ADA requirements.</p> <p>Includes 3 colored lenses and DC power supply.</p>

6

Training

On-Site Training

TSG-CT
TSG-CT2
TSG-CT3



Get 1, 2, or 3 days of on site hands on customized training from a FrontRow certified trainer. Specify your goals, focus areas, and a contact person, and we'll schedule a time to visit your school to train your staff on any of the FrontRow products. Typically this is used for schools that want the ability to configure FrontRow hardware or software using their IT team. Includes all travel expenses.

(North America Only)