

Teach seamlessly with Pro Digital[™]

Crisp, reliable audio that's effective and efficient

FrontRow Pro Digital is the leading choice of schools for multi-speaker classroom audio. The reason? It's supremely good at delivering on the core mission of sound in the classroom: speech clarity.

Clearer communication with OptiVoice[™]

Pro Digital features OptiVoice[™] — a patented algorithm that makes speech easier to understand for test-taking, directions, and ESL instruction. OptiVoice strengthens fragile consonant sounds with a digital 12-band equalizer in a single switch. A 2011 study by the University of Missouri shows students using systems with OptiVoice understand the teacher better — and perform better academically — than students using other classroom sound systems.

Digitally-intelligent sound

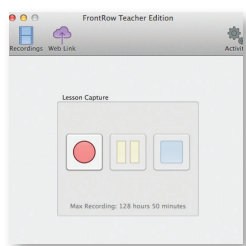
Pro Digital incorporates an Adapto[™] digital algorithm that checks hundreds of times per second for acoustic feedback — the harsh squealing that can plague analog mic systems. Teachers can move freely without noisy disruptions, making it easier to teach calmly and clearly.

One-touch operation

Teachers just turn on the mic to start teaching. The receiver automatically wakes from its energy-saving mode, and goes back to sleep when the mic is turned off.

Optional Bluetooth[®] Technology

With the CMBT audio receiver, teachers can wirelessly play audio for the entire class through their ToGo system. Now instructors can conveniently use audio from phones, TVs, tablets and other Bluetooth-enabled devices to support their lessons with the CMBT Bluetooth Audio Receiver.



**NOW
AVAILABLE
WITH**

TEACHER EDITION SOFTWARE

- Simple interface for lesson capture
- Universal MP4/M4A format
- Unlimited length
- Automated naming and saving of recordings



Key Features

- Energy efficient standby mode uses 73% less energy than comparable analog systems and allows "one-touch" operation
- Powerful ADAPTO[®] digital platform optimizes sound quality, power use and suppresses feedback before it starts
- Auxiliary audio inputs and output allow for seamless integration with other audio-visual equipment and enables podcasting
- Light and comfortable microphone design
- Prominent, easy-to-find microphone mute button
- Optional CMBT audio receiver to enable Bluetooth[®] connectivity

Learn more at gofrontrow.com

Bluetooth is a registered trademark of Bluetooth SIG, Inc.



SPECIFICATIONS

Transmission type: Infrared
Receiving frequency: 2.3MHz & 2.8MHz
Frequency response: 50Hz to 20kHz
Signal-to-noise: >65dB (system)
THD: <1% @ 1kHz into 8Ω
Maximum audio output power:
 2 x 10w (8Ω), 2 x 20w (4Ω)
Power supply: 19VDC at 3.16A
Size (wxhxd): 21.5 x 4.75 x 19cm/
 8.5 x 1.75 x 7.5in
Weight: .94kg/2.11lbs
Operating range: 18.5m/60ft line-of-sight
 (typical)
Reception area: 139m²/1500ft² (typical)
 with ceiling sensor

USER CONTROLS

- Power
- Microphone A volume
- Microphone B volume
- Two auxiliary audio volume
- OPTIVOICE™

INPUTS/OUTPUTS

- Input power jack
- 1.3mm mic charge jack
- 3 RCA jacks for external sensor connection
- 4 quick-connect speaker terminals
- RCA aux out jack
- 2 RCA stereo aux in jacks (with stereo sound output)

ITM-02L Smart Mic



SPECIFICATIONS

Transmission type: Infrared
Transmitting frequency: 2.1MHz, 2.3MHz, 2.4MHz, 2.8MHz, 3.3MHz, 3.6MHz programmable
Frequency response: 70Hz – 8kHz
Microphone: Unidirectional cardioid
Battery life: 7 hours (typical)
Battery type: Li-Ion, 3.7V, 850mAh
Operating range: 30.4m/100ft, line of sight (typical)
Size (wxhxd): 7.4 x 6.6 x 1.3cm/2.9 x 2.6 x 0.5in
Weight: 73.7g/2.6oz (with battery and lanyard)*

USER CONTROLS

- wake/mute/voice command button
- channel select

INPUTS/OUTPUTS

- 3.5mm aux input
- charge/programming jack

*Competitor models report weight without lanyard

ISM-02L Pass-Around Microphone and IMC-01 Drop-in Charger



ISM-02L SPECIFICATIONS

Transmission type: Infrared
Transmitting frequency: 2.1MHz, 2.3MHz, 2.4MHz, 2.8MHz, 3.3MHz, 3.6MHz programmable
Frequency response: 70Hz – 8kHz
Microphone: Unidirectional cardioid
Battery life: 7 hours (typical)
Battery type: Li-Ion, 3.7V, 850mAh
Operating range: 21.3m/70ft, line of sight (typical)
Size (wxhxd): 3.8 x 14.7 x 2.2cm/1.5 x 5.8 x 0.85in
Weight: 70.8g/2.5oz

USER CONTROLS

- on/off
- push-to-talk
- channel select

INPUTS/OUTPUTS

- 3.5mm aux input
- Charge/programming jack

IMC-01 SPECIFICATIONS

Size (wxhxd): 8.9 x 4.6 x 11.4cm/
 3.5 x 1.8 x 4.5in
Weight: 226.7g/8oz
Power supply: 5.9V dc

IR Speaker



SPEAKER SPECIFICATIONS

Speaker type: Two 10cm/4in woofers; 2.5cm/1in tweeter
Impedance: 4Ω nominal
Continuous power: 20W
Peak power: 30W
Frequency response: 150Hz to 20kHz
Dimensions (wxhxd): 355 x 130 x 230mm/14 x 5 x 9in
Weight: 3.4kg / 7.5lbs
Mounting: Wall mounting brackets provided
Combo cable incorporates:
Speaker wire: 18 AWG 2 conductor UL listed CL3P Plenum-rated
Sensor wire: 15.25m/50ft RG59/u coaxial cable CL3P shielded, UL listed Plenum rated jacket available

SENSOR SPECIFICATIONS

Operating frequency range: 2.1MHz – 3.6MHz
Operating range: 18.5m/60ft line-of-sight (typical)
Signal/Power interface: RCA female jack
Number of IR photodiodes: 3
Power indicator LED: Green
Reception area: Up to 139m²/1500ft² (typical with 2 receiver sensors)