



## Teach seamlessly with Pro Digital

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.

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.

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

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

### KEY FEATURES

- 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 Bluetooth® audio receiver to enable wireless connectivity

## Pro Digital Receiver

### SPECIFICATIONS

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



# Teacher Microphone

## 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)
Inputs	3.5mm aux input
Outputs	Charge/programming jack
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

When Pendant Mic is in standby mode:

Press momentarily Wake

When Pendant Mic is active:

Press momentarily Mute/Un-mute

# Student Microphone

## 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)
Input	3.5mm aux input
Output	Charge/programming jack
Size (wxhxd)	3.8 x 14.7 x 2.2cm / 1.5 x 5.8 x 0.85in
Weight	70.8g / 2.5oz



## PUSH-TO-TALK SWITCH

Press and hold Push-to-talk

Press and slide up Power on

# Microphone Charger

## 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)	355x130x230mm / 14x5x9in
Weight	3.4kg / 7.5lbs
Mounting	Wall mounting brackets provided



## SENSOR SPECIFICATIONS

Operating frequency	2.1MHz – 3.6MHz
Signal/Power interface	RCA female jack
Number of IR photodiodes	3
Power indicator LED	Green
IR Reception area	139m <sup>2</sup> /1500ft <sup>2</sup> (typical with receiver sensors)