

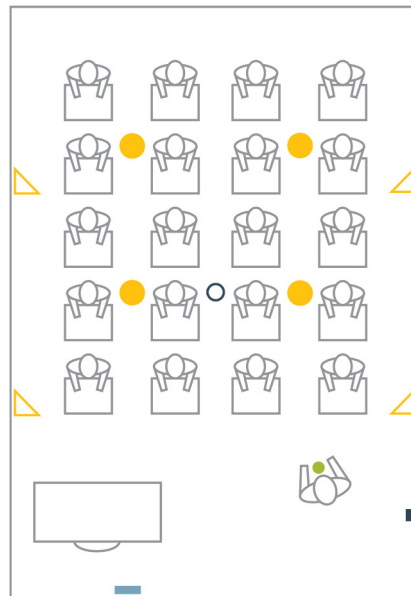
# Sound Field Systems



A teacher's most effective classroom tool is the human voice. When a teacher utilizes a microphone as part of a Sound Field system, they increase on task behavior and student performance while reducing voice fatigue caused by projection and repetition.

## Matrix™ (IMA-121)

The Matrix™ is ideal for plenum applications of the Sound Field amplifier/receiver. With a simple CAT5 cable, the TeachLogic CPS-121 (or CPR-125) wall mount controller manages audio sources connected to the amplifier. The controller has an intuitive touch interface with the additional benefit of Bluetooth® pairing of an extra audio device (such as a Smartphone). And with two infrared wireless microphone channels, the Matrix™ is sure to be the low profile, high feature Sound Field solution you've been looking for.



  
2 AUDIO INPUTS

  
2 MICROPHONES

  
RS-232

  
SECURITY ALERT

  
FEEDBACK GUARD

  
PAGE MUTE

● Sapphire (IRT-60) wireless pendant transmitter, a high-quality cardioid microphone with lanyard.

○ ICS-65 Ceiling Sensor gives 360-degree infrared coverage for optimal audio performance.

■ Matrix™ Sound Field amplifier/receiver to support classroom audio sources.

● SP-628 Ceiling Speakers (four shown) provide excellent quality voice reproduction.

▲ SP-2000 Wall Mount Speakers (optional), allow for installation when ceiling is not accessible.

■ CPS-121 Wall Mount Control Panel with Bluetooth.

- 2 wireless microphones channels
- 2 audio inputs
- 2 audio outputs
- 2 x 25-watt amplifiers (50 watts total)
- Page Mute
- Security Alert compatible
- RS-232 compatible
- Assistive Listening output
- Auto energy saving mode
- Digital Feedback Guard
- Computer anti-hum circuit
- Tone control (treble/bass)
- Remote control wall panel (CPS-121/CPR-125)

# Make it a complete Sound Field system with these components

## Speakers

Power up to four (8-ohm) speakers for even sound distribution to every desk.



### CEILING MOUNT SPEAKERS WITH TILE BRIDGE (SP-628)

Full range speaker with a 6.5" woofer and a high frequency dome tweeter for wide dispersion of critical "consonant" frequencies. Speaker is enclosed in a sealed metal backcan with plenum rating.



### LAY-IN PANEL SPEAKER WITH FULL RANGE SPEAKER (SP-628L)

Same SP-628 speaker mounted on a quarter ceiling panel with T-bar attached for labor saving installation. Heavy duty, powder coated for buzz free performance. Ideal for design continuity.



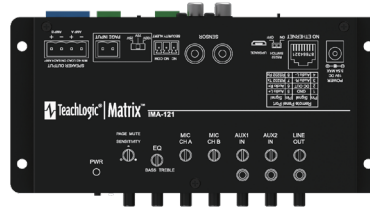
### WALL-MOUNT SPEAKER WITH BRACKET (SP-2000)

Two-way speaker with a 5" woofer and a high frequency mylar dome tweeter housed in a port tuned enclosure. Extended bass response for full rich sound. Flexible use as wall-mount or bookshelf/tabletop speakers.



### CEILING INFRARED DOME SENSOR (ICS-55)

360° of receiving pathway for audio transmission from the microphones and passed to the amplifier/receiver via an RCA cable. Flexible mounting options ensure it's within range. Can be used with a second sensor to enhance range.



## Wireless Microphones

Each system supports the use of a microphone. Choose one that suits your instructional needs.



### SAPPHIRE™ MICROPHONE (IRT-60)

Handsfree, lightweight (1.4 oz), and hardly noticeable when worn on a lanyard. 8-hour rechargeable lithium-ion battery for all-day use. Unsurpassed vocal clarity of every word.



### WIRELESS HANDHELD MICROPHONE (IRH-35)

The unidirectional condenser microphone reproduces excellent vocal quality and the windscreen prevents breath pops. Perfect for student participation and co-teaching.

## Convenient Accessories

Add these convenient accessories to create the perfect storage solution for your Sound Field system.

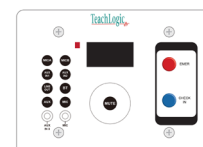


### BRC-60 MICROPHONE CHARGER

Drop in charger for wireless microphones. Charge up to two Sapphire pendant mics and one handheld microphone. Features maintenance charging to keep batteries ready for daily use.



### CPS-121 WALL MOUNT CONTROL PANEL



### CPR-125 WALL MOUNT CONTROL PANEL