Sound Field Systems

Spectrum™ (IMA-840)

The Spectrum™ is our most powerful audio system for use in the classroom. It supports not only the features that every classroom needs to control multimedia audio, but also the integrations to ensure that all school communications are heard: pages, fire alarm, and security alert. When paired with wireless microphones, the Spectrum™ ensures that crystal clear sound is delivered to every seat in the room.
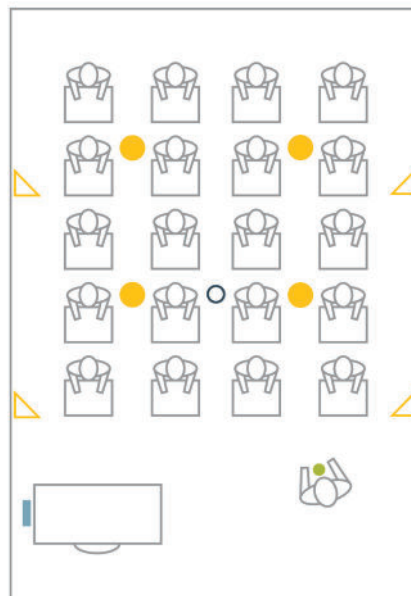
4 AUDIO INPUTS

2 MICROPHONES

RS-232

SECURITY ALERT

FIRE ALARM

PAGE MUTE

VIDEO CONFERENCING *COMPATIBLE*

ECHO GUARD

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

○ **ICS-55 Ceiling Sensor** gives 360-degree infrared coverage for optimal audio performance.

▮ **Spectrum™ 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.

> 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.

- 2 wireless microphones channels
- 4 audio inputs
- 2 audio outputs
- 4 x 25-watt amplifiers (100 watts total)
- Supports up to 8 (8 ohm) speakers
- Page Mute
- Fire Alarm Mute
- Security Alert compatible
- RS-232 compatible
- Lesson capture output
- Assistive Listening output
- Auto energy saving mode
- Digital Feedback Guard
- Computer anti-hum circuit
- 5 band EQ

TeachLogic
The Voice of Learning.

Spectrum™

Make it a complete instructional audio system

Speakers

Power up to eight (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 2 microphones. You can mix and match to suit 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.

WC-400 WALL MOUNTING CABINET

Use this low-profile wall cabinet to house your amplifier for easy access. The sturdy metal lid makes the perfect resting place for the magnetic bottom of the BRC-60 charger.

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.