

# Sound Field Systems



## Quantum™ II

The Quantum™ II is a completely self-contained infrared wireless microphone sound system for portable use or permanent installation. Two wireless microphones can be used simultaneously—one for the teacher and one handheld for student participation. Quantum II has a powerful 30-watt amplifier and a full range speaker for complete coverage of a typical classroom. It can be complemented by a companion speaker for improved sound distribution throughout the room.



30W AMPLIFIER



2 MICROPHONES



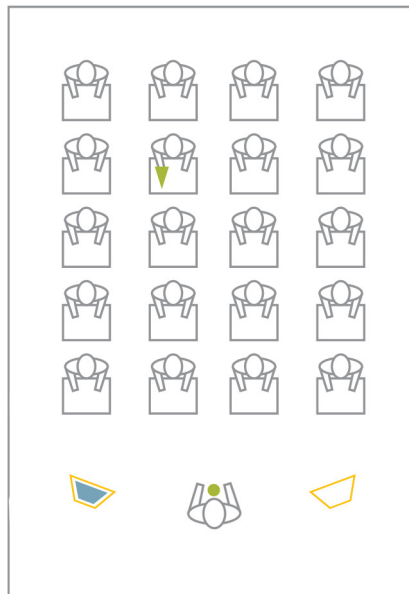
1 AUDIO INPUT



1 AUDIO OUTPUT



TONE CONTROL



- Sapphire (IRT-60) wireless pendant transmitter, a high-quality cardioid microphone with lanyard.
- ▵ Quantum™ II Sound Field amplifier/receiver to support classroom audio sources.
- ▾ Companion Speaker to expand the sound coverage and increase total output to 50 watts.
- ▾ IRH-35 Wireless Handheld Microphone. Perfect for student participation or co-teaching.

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.

- Two infrared wireless microphone receivers
- Powerful 30-watt amplifier
- Efficient full range coaxial speaker
- Built-in wide-angle infrared sensor for 180° reception
- Tone control (treble/bass)
- 3.5 mm auxiliary input for computer or audio source
- 3.5 mm line output for Assistive Listening System or for lesson capture
- Threaded insert for speaker stand mount
- 2 microphone sensor inputs for optional sensors to expand coverage
- Wall mount bracket included

## Make it a complete Sound Field system with these components

### 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.



#### 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.



#### 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.

## Quantum™ II System Packages

All Quantum II systems include the Quantum II column speaker with built-in Receiver/Amplifier and wall mount bracket (IRC-360) and AC Power Supply (AC-36).

### IRQ-3150

- Sapphire pendant/microphone with Lithium battery (IRT-60)
- Plug-in battery charger (BRC-15)

### IRQ-3650

- Sapphire pendant/microphone (IRT-60)
- Handheld transmitter/microphone with Duracell NiMH batteries (IRH-35) and New battery charger (BRC-60)

### IRQ-3650

- Two Sapphire pendant/microphones with Lithium battery (IRT-60)
- New drop-in battery charger (BRC-60)

