Quantum II

A Completely Self-Contained Classroom Sound System

The Quantum II is an all-in-one sound system, utilizing **Digital Hybrid** circuitry. With two infrared microphone receivers, a powerful **30 watt Class D amplifier**, digital equalization, digital limiting and a full range dynamic speaker. Our system comes with a choice of transmitter microphones: It is all you need to completely fill your classroom with full fidelity program material and optimal vocal clarity.

ONE FOR EVERY CLASSROOM

You can easily interface with your interactive whiteboard, computer or playback and MP3 or DVD player. No complex wiring is required. You merely plug into the aux input on the front panel. In addition, there is a front panel program output jack for lesson capture; or students can plug in their personal assistive listening system for remote broadcast.

The Quantum II is small, lightweight and very portable. It can be located anywhere in the room on an optional speaker stand or mounted on the wall with the included wall bracket.

Sapphire
(IRT-55)
Microphone Transmitter

Companion Speaker
- Add a companion speaker to expand the sound coverage and increase total output to 50 watts
- Easy installation with wall bracket (included)
- Stand mountable for portable application (optional)
- Quickly connected using the 60' cable with plug in (Phoenix) connectors

The Sapphire's light weight, small size, and optimum performance make it the ideal infrared microphone to complete any of our infrared classroom system packages.

TeachLogic
FOR SOUND LEARNING

Quantum II wireless classroom microphone system

Amplifier/Receiver Features

- Auxiliary line level input for computer, interactive whiteboard or MP3 player
- Program output, adjustable line level, for lesson capture or Assistive Listening /system connection
- Signal present indicator on IR inputs to verify presence of signal
- External speaker output for companion speaker to expand sound coverage for a total combined power output of 50 watts.
- Two external sensor inputs for supplementary infrared sensors for extended IR coverage
- Structured aluminum enclosure for controlled sound dispersion
- Threaded brass insert for use with speaker stand for mobile application
- RoHS compliant

- Two infrared receivers for simultaneous use of two IR wireless microphones
- Built-in wide angle infrared sensor for reliable IR reception
- Powerful 30 watt, low noise, class D Digital-audio amplifier
- Efficient full range speaker for optimum vocal clarity
- Tone control, ± 6dB to dial in treble & bass
- Digital equalization and limiting

Quantum II Systems

All Quantum II Systems Include

- Quantum II column speaker with built-in Receiver/Amplifier and Wall mount bracket)   **IRC-360**
- AC Power Supply   **AC-35**

Complementary Components to Complete the System Systems Models

IRQ-3150

Sapphire transmitter/microphone with Lithium battery (IRT-55), Plug-in battery charger (BRC-15)

EX-55 (Optional) Upgrade BRC-15 to New drop-in Battery Charger (BRC-55)

IRQ-3650

Sapphire transmitter/microphone with Lithium battery (IRT-55), Handheld transmitter/microphone with Duracell NiMH batteries (IRH-35), and New battery charger (BRC-55)

IRQ-3655

Two Sapphire transmitter/microphone with Lithium battery (IRT-55), and New drop-in battery charger (BRC-55)

Quantum II Accessories

ICS-55 Ceiling dome Sensor for full IR Coverage

Plugged into the external sensor input, it will assure 360 IR reception in large classrooms, T-bar mountable in ceiling center and connected via the 50' dual shielded cable with RCA connectors.

CC-300 Carry Case

Soft, durable case to house Quantum II system, folding stand, microphone, charger and power supply. Ideal for storage and transporting to various locations.

SS-300 Speaker Stand

Adjustable Speaker Stand to support your Quantum II system for those remote presentations. It folds to 4" x 20" and extends to a sturdy 4 1/2' height.

Quantum II Systems Components and Accessories

| Base Station | Choice of Transmitters | Drop-In Charger | Companion Speaker | Speaker Stand |