

# Quantum II



## A Completely Self-Contained Classroom Sound System

**Q**uantum II features two infrared wireless microphone receivers and incorporates a powerful 30 watt amplifier with 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 an 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 recording or students can plug in their personal assistive listening system for remote broadcast.

The Quantum II is small, lightweight and is very portable. It can be located anywhere in the room; atop a desk or cabinet, easily installed on the wall or quickly mounted on a speaker stand.



### Companion Speaker

- Add a companion speaker to double the output and expand the sound coverage.
- Easy installation with wall bracket (included)
- Stand mountable for portable application (optional)
- Quickly connected using the 30' cable with plug in (Phoenix) connectors

### Crescent Microphone Transmitter

The Crescent is lightweight, with plug-in external microphone for added gain.

Stylish design and comfortable to wear.



(PM-500)

(IRT-30)

### Four microphone/transmitters to choose from:

- Crescent (IRT-30)
- Body-Pack (IRB-30)
- Pendant (IRT-89)
- Handheld (IRH-35)

# Quantum II infrared wireless microphone sound system

## Amplifier/Receiver Features



- 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" amplifier
- Efficient full range speaker for optimum vocal clarity
- Tone control,  $\pm 6$  dB to dial in treble & bass
- Additional mic input, Lo-z, for use with a cabled dynamic microphone
- Auxiliary line level input for computer, interactive whiteboard, or MP3 player
- Program output, adjustable line level, for recording or Assistive Listening System connection
- Signal present indicator on all inputs to verify presence of signal (IR or audio)
- External speaker output for companion speaker to expand sound coverage
- 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

## Quantum II Systems

### System Models

#### IRQ-3100

Quantum II (IRC-340) with a Pendant transmitter (IRT-89) with plug-in microphone (LM-300), and drop-in charger (BRC-101)

#### IRQ-3400

Quantum II (IRC-340) with a Crescent microphone/transmitter (IRT-30) with plug-in microphone (PM-500) and drop-in charger (BRC-50)

#### IRQ-3600

Quantum II (IRC-340) with Handheld microphone/transmitter (IRH-35) and Pendant transmitter (IRT-89) with plug-in microphone (LM-300), and drop-in charger (BRC-202)

#### IRQ-3900

Quantum II (IRC-340) with a Crescent microphone/transmitter (IRT-30) with plug-in microphone (PM-500) and a Handheld microphone / transmitter (IRH-30) and drop-in charger (BRC-50)

#### USQ-301

Companion Speaker with mounting bracket and 30' cable with connectors

#### IRC-340

Quantum II unit only with mounting bracket

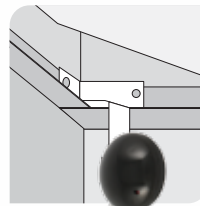
\* All transmitters include long life "Duracell" rechargeable batteries

## 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.



### IWS-35 Corner Sensor for extended IR reception

Plugged into the external input and mounted with a corner bracket installed under a ceiling tile, its reception coverage is 180° horizontal by 60° vertical and 35' distance. It is easily connected via the 50' dual shielded cable with RCA connectors.



### CC-300 Carrying Case

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



### SS-300 Speaker Stand

Speaker stand to support your Quantum for those remote presentations. It folds to 4" x 20" and extends to a sturdy 4½' height.



All IR Components feature a 5 Year Limited Warranty