



# MATRIX wireless classroom microphone system



Front View



Rear View

## Amplifier/Receiver Features

- Two infrared wireless Microphone receivers
- 50 watt digital Power Amplifier: 25 watts ea. channel
- Two stereo auxiliary inputs for DVD & Computer/Aux
- Digital Feedback Guard (DFG)
- Security Alert Output
- RS-232 wall panel controls
- Remote Teacher Priority feature (over line inputs)
- Bass/Treble digital equalizer  $\pm 12$ dB
- Digital Limiting
- Two auxiliary line inputs on amplifier (3.5mm)
- One auxiliary line input on wall panel (3.5mm)
- One line output for Lesson Capture or ALS (3.5mm)
- Wired wall remote control panel

## All Matrix Systems Include

- Matrix Receiver/Amplifier IMA-120
- Ceiling Sensor for IR connectivity throughout room ICS-55
- Four Speakers, either
  - a. Ceiling-Mount with Tile Bridge SP-628
  - b. Wall-Mount with bracket SP-2000
  - c. Lay-In Panel Speaker SP-628L
 all with 100' of plenum rated cable
- Wall remote control panel (wired) CPS-120

## Complementary Components to Complete the System

### System Models

#### IRP-1150

One Sapphire transmitter/microphone with Lithium battery (IRT-60), Plug-in battery charger (BRC-15) and choice of Speaker Package

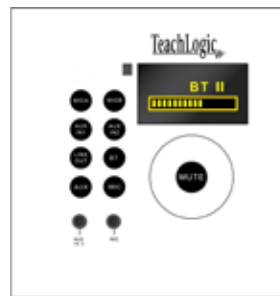
#### IRP-1650

One Sapphire transmitter/microphone with Lithium battery (IRT-60), One Handheld transmitter/microphone with Duracell NiMH batteries (IRH-35) Drop-in battery charger (BRC-60) and choice of Speaker Package

#### IRP-1655

Two Sapphire transmitter/microphones with Lithium battery (IRT-60), Drop-in battery charger (BRC-60) and choice of Speaker Package

## Wall mounted remote control panel (wired)



This panel allows not only for easy wireless connection of a **Bluetooth** device (such as a Smartphone) with the classroom sound system, but also for remote adjustment of inputs via this RS-232 wall panel controller. The wall controller comes preprogrammed and does not require any additional code setup.

## Either Ceiling or Wall-Mount Speakers Included

### Ceiling Mount Speakers with Tile Bridge Model: 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.



### Wall-Mount Speaker with Bracket Model: 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.



### Optional Easy Installation Speaker

#### Lay-in Panel Speaker with Full Range Speaker Model: 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.



(Option: additional cost)

## Matrix Systems Components and Accessories



Base Station



Control Panel



Choice of Transmitters



Drop-In Charger



Ceiling Sensor



Ceiling or Wall Speaker



All IR Components feature a 5 Year Limited Warranty



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