

# FORUM<sup>232</sup> wireless classroom microphone system

## Touchboards

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**T**he Forum 232 is our answer to the need for a low cost, high performance sound-field system that allows for remote adjustment of inputs via RS-232 wall panel controller. A powerful 50 watt Digital Hybrid Class D amplifier, with digital equalization, infrared receivers provide freedom of movement and allow simultaneous use of two microphones. Two auxiliary inputs provide multi-media integration with even distribution of sound for all audio in the classroom. It has a Line level output for Lesson capture and second output for ALS (Assistive Listening System).

The Sapphire (IRT-60) transmitter delivers several key features such as; Emergency Alert circuit which activated by holding down a button for 5 seconds on transmitter, Teacher Voice Priority and remote volume control for line inputs.

The Voice is a teacher's most powerful teaching tool, but it needs to be protected. Properly using a classroom sound-field system allows the teacher to speak more comfortably, be heard more precisely and prevent vocal strain. Our Digital Feedback Guard (DFG) is a complete system approach to eliminating acoustical feedback in sound-field systems. Our microphone capsules ensure that you can achieve the maximum amount of gain before feedback, while maintaining a very natural reproduction of the presenter's voice.

Power sleep mode feature conserves energy when amplifier is not in use.



*Sapphire*  
(IRT-60)  
Microphone Transmitter  
Emergency Alert  
Teacher Priority

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.

Emergency Alert button notifies office of problem in classroom.

Teacher Priority and Remote volume control for all line inputs

**TeachLogic**  
FOR SOUND LEARNING



# FORUM<sup>232</sup> wireless classroom microphone system



- Two infrared wireless Microphone receivers
- 50 watt digital Power Amplifier: 25 watts ea. channel
- Two stereo auxiliary inputs for DVD & Computer/Aux
- Additional DVD input gain, adjustable +10 dB boost
- Digital Feedback Guard (DFG)

## All Forum Systems Include

- Forum<sup>232</sup> Receiver/Amplifier IMA-232
- Ceiling Sensor for IR connectivity ICS-55 throughout room
- Four Speakers, either
  - a. Ceiling-Mount with Tile Bridge SP-628
  - b. Wall-Mount with bracket SP-2000
  - c. Lay-In Panel Speaker with SP-628L
 100' of plenum rated cable

## Complementary Components to Complete the System

### System Models

#### IRF-3150

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

#### IRF-3650

Sapphire transmitter/microphone with Lithium battery (IRT-60), Handheld transmitter/microphone with Duracell NiMH batteries (IRH-35) Drop-in battery charger (BRC-55) and choice of Speaker Package

#### IRF-3655

Two Sapphire transmitter/microphone with Lithium battery (IRT-60), Drop-in battery charger (BRC-55) and choice of Speaker Package

## Amplifier/Receiver Features

- Emergency Alert Output
- RS-232 wall panel control of line input levels
- Switchable computer anti hum circuit
- Remote adjustment of line levels via teacher pendant
- Three band digital equalizer  $\pm 12$ dB
- Digital Limiting
- Auto Energy Saving Mode
- Front panel auxiliary input (3.5mm)
- Front Panel Audio Output for personal FM system with gain control (3.5mm)
- Front Panel REC output for lesson capture with gain control (3.5mm)
- Rack or shelf/wall mounting kits (optional)

## 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)

## Forum Systems Components and Accessories



Base Station



Choice of Transmitters



Drop-In Charger



Ceiling Sensor



Ceiling or Wall Speaker



All IR Components feature  
a 5 Year Limited Warranty



www.teachlogic.com  
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