



WCM-RF Classroom Voice Amplification

IR + RF Technology Designed For 21st Century Classrooms

WCM-RF Package



Includes

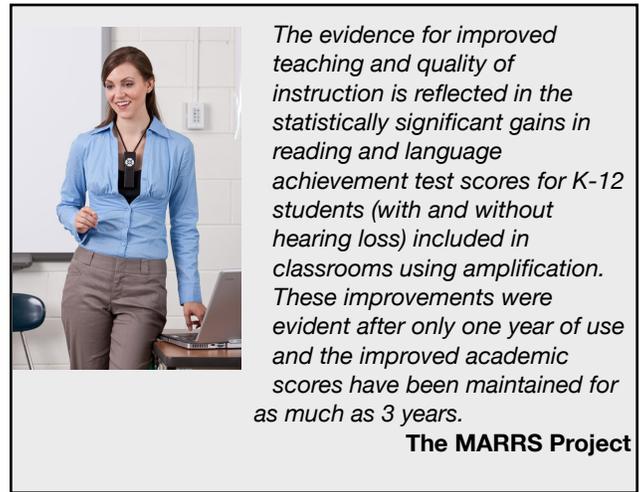
- WCM-RF Teacher Microphone
- WCM Base Station
- CA-1000 Classroom Amplifier
- Lapel microphone
- Belt-clip holster
- (2) 6.5" Ceiling Mount Speaker

Accessories

- WCM-RF Student Microphone
- Large Room Extender

Calypso System's WCM-RF classroom voice amplification solution brings a revolutionary level of sound quality, functionality, affordability and integration to classroom sound-field reinforcement. Based on patent pending technology that combines infra-red (IR) data control and multi-channel radio frequency (RF) sound quality, the WCM-RF solution is the first classroom voice amplification system designed to support and enhance 21st Century teaching and learning styles.

Classroom voice amplification is revolutionizing K-12 education with growing evidence that lightweight, wireless teacher microphones create more efficient classrooms, more motivated and engaged students, and ultimately increased student performance. Yet until now, classroom microphone systems have been based on technology that is not equipped to meet the evolving needs of 21st century teaching and learning styles.



The evidence for improved teaching and quality of instruction is reflected in the statistically significant gains in reading and language achievement test scores for K-12 students (with and without hearing loss) included in classrooms using amplification. These improvements were evident after only one year of use and the improved academic scores have been maintained for as much as 3 years.

The MARRS Project

Facilitates Communication and Collaboration. Calypso's WCM-RF classroom voice amplification solution is built on a multi-channel system which allows for teacher and student microphones to operate within the same classroom. A multi-channel system is especially beneficial in modern open classrooms designed for collaborative teaching and learning styles. The WCM-RF's multi-channel systems ensures clear, reliable voice amplification and avoids broken transmissions and cross-talk due to line-of-sight transmission found in traditional IR only based systems.

High Sound Quality and Intelligibility. The WCM-RF comes with a twenty band digital EQ that provides the highest levels of sound quality in the classroom. Five unique adjustable bands provide enhanced intelligibility for all situations, from background noise to distractions to poor acoustics. The WCM-RF comes programmed with three preset levels that provide optimized sound intelligibility for the most common male, female and base level voice ranges. The EQ bands can also be custom set to address the needs of specific sound environments.

Easy For Teachers To Use. The WCM-RF solution emphasizes convenient finger-tip control. From the microphone, a teacher has control of all classroom microphones and volume levels -- for microphones and other multimedia devices in the room. The system is also equipped with an auto-mute function for private hallway conversations and supplies 12+ hours of actual talk time between charges with an automated shut-off switch after 10 minutes of inactivity.

Calypso's breakthrough pricing makes the WCM-RF an affordable solution for classroom amplification. It's just another way that Calypso Systems is helping educators *build, manage, and use 21st century classrooms* to enhance learning.

WCM-RF Package

Specifications

Audio over RF (48 channels)
2.4 GHz Band
IR beacon

Microphone

Aux audio input - *auto adjusts for line or mic level input*
Light weight pendant microphone
Lapel microphone attachment
Auto power save
Rechargeable microphone
12 hours talk time

Receiver

Auto or manual channel select
20 band digital EQ
Power from amplifier via CAT-5

Amplifier

32W
4 Inputs
Stereo output
IR and serial control
Auto microphone "ducking"
PA override

Speakers

2-way 6.5"
Ceiling EZ mount
8 Ω Impedance
75W max power
89 dB sensitivity
45 Hz - 20 kHz

