

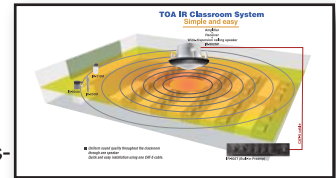
SCHOOL CLASSROOM LEARNING ASSISTANCE BY TOA



Infrared Wireless Classroom System

Helping children do better in school is one of the goals of TOA's new Infrared Wireless Classroom System, which provides easy, interactive communication stimulating the students and improving their understanding of the spoken word.

The TOA PA system goes significantly beyond the capabilities of conventional systems that have uneven sound quality and longer installation times because of their four speakers and extra wiring. The TOA Infrared Wireless Classroom System on the other hand, requires only the wide-dispersion ceiling speaker, with built in amplifier and receiver, plus an IR wireless tuner all connected by one CAT-5 cable, reducing installation time and cost.



INFRARED WIRELESS SPEAKER IR-802SP

Perfect for classrooms, the IR-802SP, a ceiling-mounted wide-dispersion speaker (with integrated receiver and amplifier), offers 10m x 10m (30ft x 30ft) coverage, transmitting teachers' and students' normal speaking voices throughout the room, with equal and superior sound quality.

- Built-in infrared receiver and 20W digital amplifier
- Unique wide-dispersion acoustic structure employing innovative TOA technology to achieve uniform output over a wide radius
- Bass-reflex speaker system achieving a wide frequency range and high power-handling capability
- Easy installation with quick, optimally positioned ceiling mounting



INFRARED WIRELESS TUNER IR-802T

In addition to the speaker, the Infrared Classroom System includes the IR-802T an easily accessed desktop tuner.



- 3 AUX inputs for PC, TV/DVD player and MP3 audio player
- Output muting by 25V speaker line signal from emergency/intercom paging
- Equalizer control knobs for low-, mid- and high-frequency outputs
- Mixing output terminal for ALD (Assistive Listening Device)
- Frequency response optimized to reduce acoustic feedback in 30 ft x 30 ft classrooms

INFRARED WIRELESS MICROPHONE IR-310M, (for teacher)

A lightweight IR wireless microphone IR-310M (hands-free), for the teacher.

- Usable as hands-free or hand-held microphone
- Lightweight body with unobtrusive styling
- 8-hour operation with single AA battery
- Function button for use in paging or external device control via IR-801AF
- Microphone sensitivity adjustable to suit application
- Sturdy clothing clip to prevent wobbling or rotation during hands-free use



INFRARED WIRELESS MICROPHONE IR-200M, (for student)

Optional lightweight IR wireless microphone IR-200M (hands-held), for the students.

- Designed for stable voice transmission, with 2 infrared emitters positioned on the body to avoid accidental interference by a hand holding the microphone
- 2-level adjustable infrared light emission intensity
- Lightweight body keeps hands from tiring, even during long hours of use (0.37 lb with 2 alkaline batteries).
- Antibacterial treatment



BATTERY CHARGER IR-310BC

- Dedicated battery charger for IR-310M
- Anti-overcharging design



NI-MH BATTERIES IR-200BT-2

- Ni-MH AA rechargeable batteries for dedicated use with IR-200M/300M.



Visit www.TOAcanda.com for TOA complete product line
Specifications are subject to change without notice.



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School Classroom Learning Assistance by TOA

AMPLIFIER BG-Series: BG-2035

- Compact Five Channel Mixer/Amplifiers for paging, BGM/FGM distribution, and music/messaging-on-hold
- All inputs/outputs have removable terminal blocks for quick and easy installation
- Phantom power (+24V DC) incorporated for MIC input
- 3 line inputs, with Line 1 line/tel switchable, while Line 2 and 3 are equipped with RCA pin jacks
- Module slot accepts optional 900 series plug-in modules for custom system configurations
- 2-channel broadcast capability together with zone 2 expansion capability (when used with BA-200 Series)
- Any of 5 inputs assignable to MOH/Zone 2 output
- Rear panel-mounted DIP switches allow easy configuring of settings
- Tamper-proof, front-panel bass and treble controls are recessed to protect their settings
- Auto/manual mute function with adjustable muting sensitivity
- Incorporates remote volume control connection



SPEAKERS

H-3 Interior Design Speakers

- Dome tweeter and woofers both equipped with neodymium magnets
- Expanded 140° horizontal dispersion characteristics
- Easily surface-mounted on walls
- Delivers accurate, uncoloured sound reproductions that enhances any program material



SPEAKERS

F Series: F-122C

Wide-Dispersion Ceiling Speaker

- Excellent Sound Quality
- Wide-Dispersion, Smooth Off-Axis Coverage
- Fast And Easy Installation
- Built-In 25/70.7 V Multi-Tap Transformer
- Low Impedance Mode (8/16 Ω)
- Convenient Power Tap Selector On Front Baffle
- Integral Metal Back-Can and Safety Cable
- Low-Profile, Paintable Grille
- Overload Protection Circuitry
- Plenum rated
- Mounting Hardware Included



E-03R - Equalization for TOA Speakers

- Optimized preset equalization for F-122C speakers
- Connects between pre-amp output and power amp input
- Low pass output filter for powered subwoofer
- Subwoofer output is balanced or unbalanced
- Subwoofer phase can be changed
- Used in 900 and BG Series Amplifiers



INFRARED WIRELESS CLASSROOM MICROPHONE SYSTEM

TOA Innovative all-in-one solution

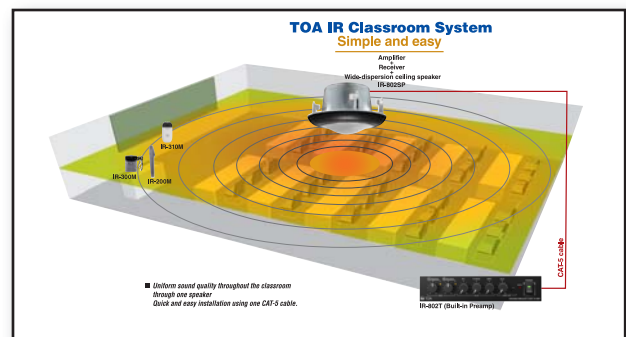


Assembled specifically for classroom use, TOA's new Infrared Wireless Classroom System includes a ceiling-mounted wide-dispersion speaker (with integrated receiver and amplifier), an easily accessed desktop tuner and a pair of lightweight IR wireless microphones, one each for the teacher and students.

The system is tailored to classroom size, moreover, thus avoiding unnecessary equipment installation. The wide-dispersion speaker provides ample 30 ft x 30 ft coverage, transmitting teachers' and students' normal speaking voices to everyone in the room, from front to back, with equal clarity and TOA's renowned superior sound quality. The resulting easy interactive communication stimulates students and improves their understanding of the course content.

Simple & Easy

- Uniform classroom-wide sound quality with single wide-dispersion speaker
- Minimized system components (tuner, 2 microphones and integrated speaker)
- Quick, easy installation requiring just one CAT-5 cable.
- Selection of three TOA lightweight, low-fatigue IR wireless microphones
- System expandable with optional interface unit for external device control and paging operations



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