Enrich your students' learning experience with clear and audible classroom communication.
TOA’s educational classroom system brings clear, interference-free voice transmission throughout the classroom.

TOA innovative all-in-one solution

- 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.
- TOA lightweight, low-fatigue infrared wireless microphones

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.

This system requires only a 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.

### TOA IR Classroom System

**Simple and easy**

- Digital Amplifier (Class D)
- IR Receiver + Wide-dispersion ceiling speaker
- IR-820SP

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**Conventional Complex Installation**

- Ceiling speaker x 4
- IR microphone
- Receiver x 2
- Speaker cable
- Coaxial cable
- Audio cable
- Tuner

- Uneven sound quality. Installation time is longer because there are four speakers and extra wiring.

- Uniform sound quality throughout the classroom through one speaker. Quick and easy installation using one CAT-5 cable.
Classrooms to life by providing high wireless technology.

—simple and easy

The wide-dispersion speaker provides impressive 30ft x 30ft coverage, transmitting teachers’ and students’ normal speaking voices throughout the room, with equal clarity provided by TOA’s renowned superior sound quality. The result: easy interactive communication that stimulates the students and improves their understanding of the spoken word.

**IR-820SP**
Infrared Wireless Speaker

- 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

**IR-802T**
Infrared Wireless 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

**IR-300M** (for Teacher)
Infrared Wireless Microphone

- Easy-to-wear, neck-suspension design permitting immediate use
- 2-level adjustable infrared light emission intensity
- Lightweight body can be worn for long periods of time without causing fatigue (0.29 lb with 2 alkaline batteries)
- Usable as transmitter for external microphone
- Antibacterial treatment

**Optional External Microphones**

- Q-HM-22 Headworn Microphone
- YP-M101 Tie-clip Microphone
- Q-EM-77 Single Ear Microphone

**IR-200M** (for Student)
Infrared Wireless Microphone

- 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

**IR-200BC**
Battery Charger

- Rapid-charging function permitting simultaneous charging of 2 infrared microphones within 3 hours (max.)

**IR-200BT-2**
Ni-MH Batteries

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

IR-200BT-2 Ni-MH Battery (1 pair)
IR-200M Infrared Wireless Microphone (Handheld)
ACG36 3ft. RCA Stereo Cable
CSTEREO-03 3ft. 3.5mm Stereo Cable
WB-802 Wall-mount bracket for tuner
IR-200BC Battery Charger
IR-300M Infrared Wireless Microphone (Hands-free)
IR-802T Infrared Wireless Tuner
IR-820SP Infrared Wireless Speaker
IR-802T Infrared Wireless Tuner
IR-800KIT IR Classroom System Kit
IR-200BC Battery Charger
IR-200M Infrared Wireless Microphone (Hands-free)
IR-800KIT2 IR Classroom System Kit
IR-802T Infrared Wireless Tuner
IR-200BC Battery Charger
IR-800SP Infrared Wireless Speaker
IR-300M Infrared Wireless Microphone (Hands-free)
IR-200KBC Battery Charger
IR-800KIT IR Classroom System Kit
IR-200M Infrared Wireless Microphone (Handheld)

Human Society with Sound & Communication

Ask about TOA’s Wall Mount IR Classroom System, available upon request. Contact TOA for details.

TOA Canada Corporation
6150 Kennedy Road, Unit 3, Mississauga • ON • L5T 2J4
Tel: 1-800-263-7639 or 905-564-3570
Fax: 1-800-463-3569 or 905-564-3569
sales@toacanada.com • www.TOAcanada.com

Specifications are subject to change without notice.
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* Use of the mounting adapter allows one IR-200M and one IR-300M to be charged in combination.