TOA

Classroom
Voicelift Systems



School is in session!

Sound solutions developed with K-12 as well as Post-Secondary in mind.

Classroom Voicelift



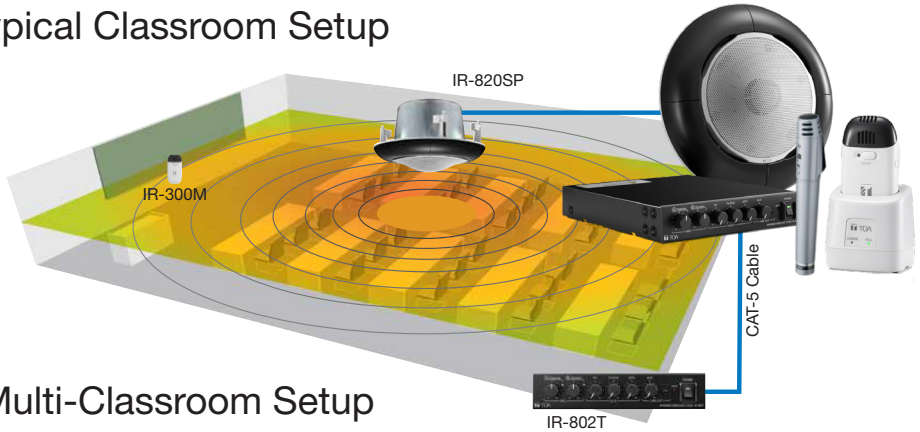
We strive to enhance the environment within educational facilities to improve student learning and increase voice intelligibility throughout the building and multi-campus locations. Students spend the majority of their time at school in a classroom, and as such we aim to ensure students have every affordance available to absorb the most from their time in class.

It is no understatement that each school is unique, with each designed in a distinct shape and size. This means that like the school itself, the sound system too must be unique.

For the standard classroom, the IR-800 is designed to help create an ideal environment for student success. Significantly reducing vocal fatigue for teachers, this forms a win-win effect for education in schools, improving both student learning and the occupational health and safety of teachers. To simplify the process of outfitting classrooms with reliable infrared audio solutions, several IR-800 kits are available. Each kit is thoughtfully configured with the right combination of receivers, microphones, and accessories to meet specific project requirements—making ordering easier, reducing planning time, and ensuring educators get everything they need for seamless voice-lift performance.

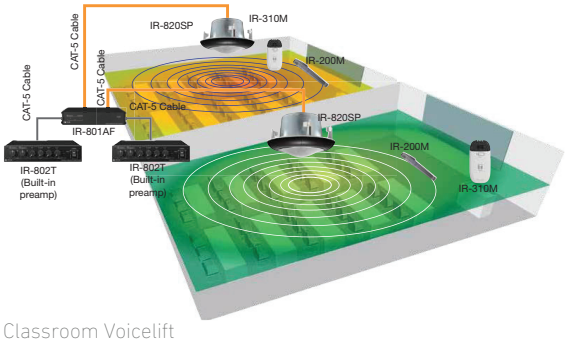
Available with either handheld and lanyard types (with the option of connecting a headset or lavaliere) TOA infrared microphones feature high sound quality for excellent intelligibility, and extended battery life for operation up to eight hours. Additionally, it features inputs for peripherals such as a teacher's PC, interactive displays, and other classroom technologies—allowing all audio sources to be amplified through the same speaker system. A wide coverage receiver is built in for stable voice transmission in various classroom sizes. An ALD (Assisted Listening Device) output with level control provides audio feed to external systems for children who require it. For expanded functionality, users are also able to connect to a local paging speaker for Mute-Only PA override.

Typical Classroom Setup





Multi-Classroom Setup



- **Multiple configuration options**
- **2 or 4 channel systems**
- **360° IR sensor wide pickup**
- **Wide dispersion intelligible sound**
- **1-4 microphone options**

Portable Speaker Voicelift System

Developed as the missing piece of the puzzle that was the IR-800 Infrared Classroom Voicelift system, the IR-842 Portable Speaker Voicelift System works just as the name implies. This system was designed to provide voicelift amplification to unique spaces as well as facilities who are unable to utilize an installed voicelift solution. The system can be set up and packed away in moments, meaning educators are also no longer limited to traditional classroom spaces or rooms with installed audio systems. With the IR-842, almost any indoor space can become a classroom that any educator would be proud to teach in.

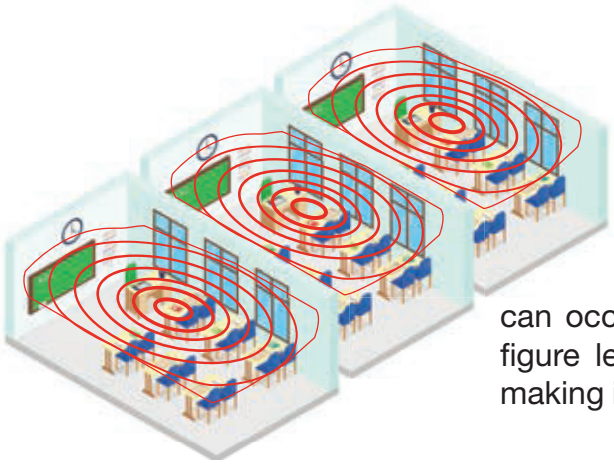
This compact, portable infrared classroom soundfield system, this system can also utilize additional IR-842 sub-units and IR receivers to enhance the reception and coverage in what could otherwise be considered too challenging a space to deliver optimal sound coverage.



Adding to its versatility, the IR-842 offers multiple mounting options—making it ideal for both portable and installed setups. It can be placed on a desktop for quick deployment, mounted to a wall using the included C-channel bracket, or installed on a pole with the optional pole mount bracket. For ease of ordering, the IR-842Kit1 is available for purchase, containing all the system essentials and ready to be customized with optional accessories to best fit your space.

In addition to delivering superior infrared audio, microphone input for traditional setups. IR-842 series kits take the guesswork out of creating flexible voicelift systems for education. Designed for both portable and installed applications in-mind, these kits include the ideal mix of IR-842 units, microphones, and series peripherals to fit unique classroom layouts. With ready-to-go configurations, schools can quickly deploy systems that deliver clear, consistent audio coverage—making procurement simple and implementation stress-free.

Infrared System Advantage



As shown previously, walls act as a shield, meaning that infrared microphones can be used without the worry of interference from adjacent rooms as opposed to RF systems. Using IR eliminates the need for RF frequency management since the systems physically can't interfere with each other if there are solid walls separating the spaces. This makes IR systems extremely useful in comparison to systems using radio waves as interference can occur for such systems when used in close proximity (see figure left). IR microphones can even all be set same channel making it possible for a single microphone to be used in any room without interference between separate rooms.

TOA

We supply sound, not equipment



TOA Electronics, Inc.
1-(800)-733-4750
www.toaelectronics.com
info@toaelectronics.com