TOA

IP For Education

Paging & Intercom Solutions



School is in session!

Ensure safety, security, and sound coverage.

Campus-wide Communication & Safety

Whether it be a single building or multi-campus education facility, security and communication needs are always apparent. With schools designed in many shapes and sizes, employing the correct solution that delivers the campus wide features to communicate and secure their students is paramount. The system in place must offer the functionality necessary for administrators and teachers to feel confident in the school's security and ability to easily connect to other individuals or the entire school through public address. Creating a secure environment with access control and emergency paging in all parts of the building is what we do.



We supply responsive systems with all the bells and whistles in a cost-effective, high-performance bundle.

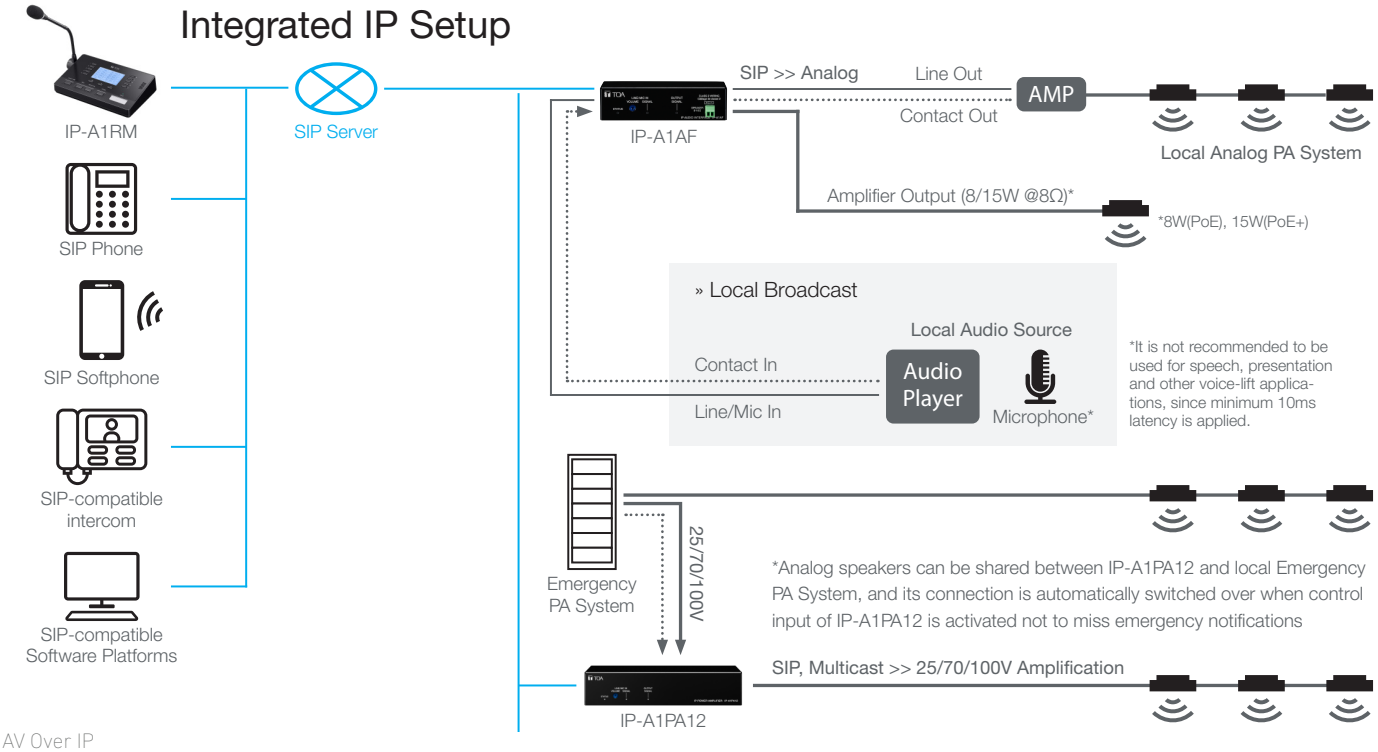
IP-A1 Audio Endpoints

The IP-A1 series comprises advanced IP audio endpoint devices designed in familiar form factors. While they may resemble simple speakers or audio interfaces, their capabilities go far beyond appearances. Aside from aesthetics, the IP-A1 system also carries highly flexible scalability—ranging from a minimal PA setup, expanding to a fully integrated, campus-wide IP-based PA system.

The series adopts common industrial standard protocols, which helps to establish fully integrated systems by communicating not only between IP-A1 series devices, but also with existing speakers and amplifiers alongside external devices and platforms such as: SIP phones, security VMS (Video Management Software), and Access Control or Sensing systems.



Integrated IP Setup



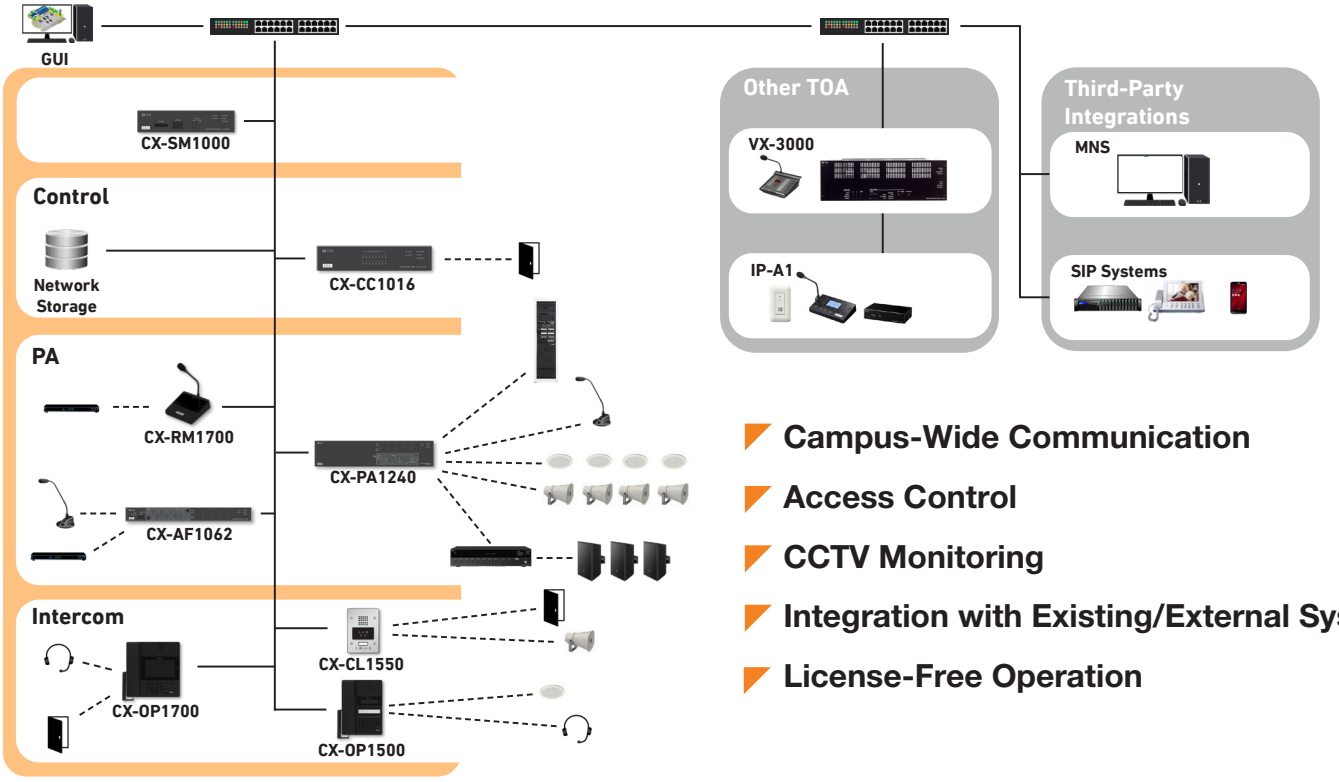
CX-1000 IP Intercom



A step beyond the IP-A1 series, the CX-1000 Series is a next-generation system that combines audio and video communications. It integrates voice, broadcast, and video by supporting various common protocols, meeting diverse communication needs without the requirement of a license to operate. With network connectivity, it easily integrates with existing systems, while TOA's long-standing expertise in emergency broadcasting and clear sound technology ensures optimal communication for customers. It seamlessly integrates public address, video intercom, and other existing systems such as networked CCTV or analog PA/MNS, delivering a unified platform for comprehensive information management. Operators can effortlessly monitor CCTV footage, make calls, and broadcast messages, all from a single, intuitive interface.

The CX-1000 Series offers flexible scalability, supporting up to 3,000 device connections. It integrates easily with standard protocols such as SIP and HTTP, and provides physical control I/Os for versatile connectivity.

CX-1000 Full Campus Example



- **Campus-Wide Communication**
- **Access Control**
- **CCTV Monitoring**
- **Integration with Existing/External Systems**
- **License-Free Operation**



TOA

We supply sound, not equipment



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