



Restigouche Hospital, Campbellton, NB

Restigouche Hospital is a treatment facility for patients with mental health issues, as well as an assessment facility for the courts.

Products Used

- VM-3000: Integrated Voice Evacuation System
- HX-5: Compact Line Array Speakers
- DA-500: Multi-Channel Digital Amplifier
- M-9000M2: Pre-Amplifier
- 5000 Series: UHF Wireless Microphone System
- F-2352C: Ceiling Speakers



Purpose

The hospital needed an emergency broadcast system that would function 24/7 with supervision capabilities, allowing for intelligible everyday paging, as well as emergency communication. The system needed to be operational at all times for the safety of the staff and patients. It needed to be able to operate during extended power outages and have a battery backup that was reliable over a 24-hour period of time.

Challenge

The hospital is divided into 15 paging zones throughout the 7 building facility. A main communication room houses the PA (public address) system for the entire facility.

Solution

The gym and Chapel have their own system, which is included in the all call paging and emergency broadcast via the VM-3000 Integrated Voice Evacuation System.

The gym has four HX-5 Compact Line Array Speakers hung centrally that are powered by TOA's DA-500 Multi-Channel Digital Amplifier. The inputs are controlled through an M-9000M2 Pre-Amplifier. The system also uses TOA's 5000 Series UHF Wireless Microphone System and a remote panel (ZM-9002) to control the volume.

In the Chapel are Wide Dispersion Ceiling Speakers (TOA's F-Series Ceiling Speakers) and a 5000 Series UHF Wireless Microphone System. The system is powered by the A-9000 Series Modular Digital Matrix Mixer/Amplifier. The chapel has a remote panel to control the volume.

Feedback

"The system design was complex in its functionality. With TOA's products, the installation was achieved easily allowing for flexibility and a key feature set through the use of the products." stated the lead technician on this project.



About TOA Canada Corporation

TOA Corporation was founded in Kobe, Japan over 80 years ago. TOA operates in over 100 countries worldwide, with manufacturing facilities found in nearly every major market area. These facilities have a reputation for precision design and fabrication, resulting in a proven track record of TOA product reliability.

TOA Canada Corporation was formed in 1990 as a complete sound solutions provider, specializing in commercial audio, including, public address, voice communications, voice evacuation and emergency paging requirements. TOA Canada offers complete solutions for all corporate and commercial audio communications and intercom security requirements.