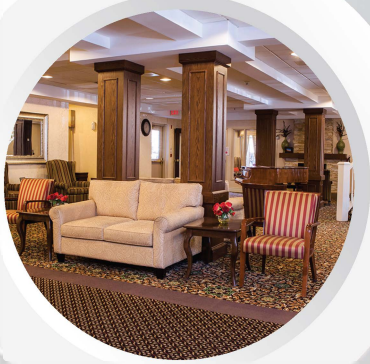
Mass Notification Solutions

Retirement Living & Long Term Care



Protecting those we care for



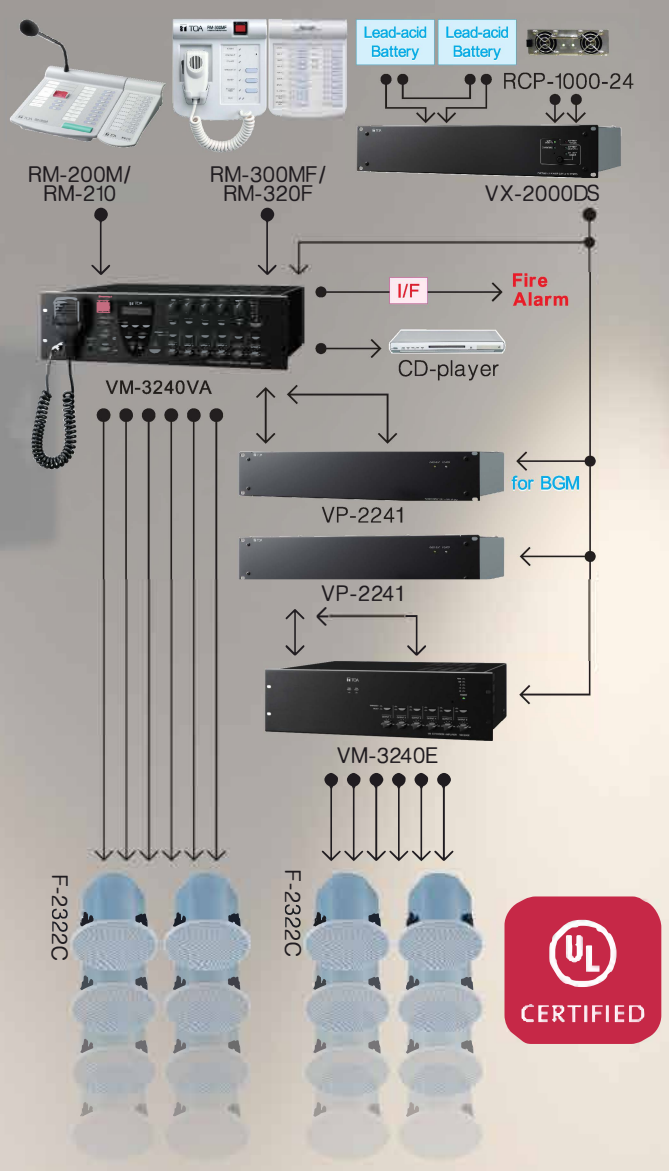
Emergency Voice Alarm Systems with
Paging and Background Music Functions

Broadcasting an Effective Voice Alarm in Emergencies

TOA Electronics, Inc. understands the importance of ensuring the safety of the individuals living in long term care facilities along with the staff that are employed there. A world leader in equipment for mass notification and paging, TOA carries a comprehensive product line that effectively manages building safety and security to ensure all occupants are safe at all times. TOA equipment provides combined functions for Paging, Background Music, and Emergency Voice Alarm that match the requirements of retirement residences and similar living situation. TOA's equipment provides emergency messaging that interrupts other announcements, and is intelligible, so announcements can be easily heard and understood.

TOA has worked diligently throughout the years providing solutions for private, not-for-profit and municipality run long term care homes across the country. We carry a wealth of experience in this field and have the knowledgeable team that understands the safety concerns when evaluating the safety plans of senior retirement residences and long term care facilities.

Application Examples For Senior Living Facility





***Not ULC Rated**

Wide-Range of Product Choices for Paging, BGM and Voice Alarm Systems

Mixer

M-9000M2



9000M2 Series
Modular Digital Matrix Mixer

The 9000 Series Modular Digital Matrix Mixer and Mixer/Amplifiers redefine the conventional mixer/amplifier category by combining a modular matrix mixer, digital signal processor and amplifiers in a compact, two rack space package. The series is ideal for multizone paging, music distribution and room combining applications.

Amplifiers

DA-250FH



DA-250FH Multichannel Power Amplifier

TOA engineers have given the DA Series a system that provides power independently to each channel. This testifies to TOA's attitude to product development, which is always totally motivated by the desire to provide high-quality products that offer worry-free use.

Maximum System Capacity	
Output Power (Max.)	1,000W
Power Consumption	1,200W
Amplification System	Class D

Amplifiers



RM-200M RM-300M RM-320F



VM-3240VA

VM-3240E

VM-3000 Series
Emergency Voice Alarm System

Compact-size multi-functioned amplifiers. Max. 15 audio inputs and 60 speaker zone outputs with 2 audio bus lines. Max. 80 control inputs and outputs for system integration. Built-in voice announcement, surveillance, tone signals and speaker zone attenuators. Meets UL2572 (VM-3240VA, VM-3240E,

Maximum System Capacity	
Output Power (Max)	2,400W
Speaker Zones	60 zones
Remote Mic connection	4 units

Speakers





HY-BC580U

PC-580RU, PC-580RVU Series
Ceiling Mount Speaker

High-performance ceiling speaker for use in mass notification, voice evacuation, emergency paging and everyday paging and background music. Meets UL 1480 UUMW (Fire alarm signaling), and UL 2043 (use in air handling spaces) when using the HY-BC580U back can. 25V and 70V transformer taps up to 5W. 8" in-ceiling speaker for high quality applications.



SC-630TU
Paging Horns

70V/100V line weatherproof (IP65) paging horn speaker. Certified to UL 1480 UUMW.



CS-64U



CS-154U
CS-304U

CS-64U, CS-154U, CS-304U
Paging Horns**

70V/100V line weatherproof (IP65) paging horn speaker. Certified to UL 1480 UEAY standards.

** Special order product



BS-680U
Box Speaker

70V/25V line, wall or in-wall mounting box speaker. Certified to a UL 1480 UUMW standard. Ideally suited for voice alarm applications.



PE-304BU/WU, PE-604BU/WU
Pendant Speakers

World's first Mass Notification Pendant Speaker. 8Ω and 25V/70V/100V operation, changeable with a rotary switch. Certified to UL 1480 UUMW.

F-122CU2 F-2852CU2 F-2322CU2 F-2352CU2



F-122CU2, F-2852CU2, F-2322CU2, F-2352CU2
Ceiling Mount Speaker

Wide Dispersion ceiling speaker for use in mass notification, voice evacuation, emergency paging and everyday paging and background music. Certified to UL 1480 (UUMW), UL2043.

Safety Certified to Handle the Emergency

TOA Electronics, Inc. is the first Commercial Audio Manufacturer in the world to have products certified to meet Mass Notification Codes. UL2572 is the standard on Mass Notification System Equipment and Accessories. The code contains requirements that cover communication units, interfaces, and accessories for mass notification systems. Products that meet this code are intended to be used to communicate critical emergency communication and/or mass notification, in conjunction with other equipment, ideal for senior residences and long term care facilities. The system is to notify occupants of emergency procedures or events, including; fire, weather emergencies, amber alerts, terrorist activities, and more.

TOA, a world Leader in Mass Notification and Voice Evacuation for over 50 years!
Keeping individuals of all ages safe and sound.

Model	UL 2043	ULC S541S	UL 1480 UUMW	UL 1480UEAY	UL60065
BS-680U		Yes	Yes		
CS-64U, CS-154U, CS-304U			Yes	Yes	
F-122CU2	Yes		Yes		
F-2322C, F-2352CU2, F-2852CU2				Yes	
IR-820SP	Yes				Yes
PC-580RU, PC-580RVU	Yes	Yes	Yes		
PE-304BU, PE-304WU, PE-604BU, PE-604WU		Yes	Yes		
SC-630TU		Yes	Yes		

cUL Safety Certified Models

Note

- All TOA Electronics, Inc. products requiring AC power are cUL Safety Certified

UL2572 and ULC-S576 Certified

TOA Corporation's VM-3000 Series Emergency Voice Alarm System is certified to UL2572 and ULC-S576-14 *(VM-3240VA VM-3240E, VX-2000DS, RM-200M S)* standard for Mass Notification Equipment.

Benefits of TOA System Features

1. Combined functions of Paging, BGM and Voice Alarm.
2. Speaker zone grouping and selection
3. Programmable priority order among audio inputs.
4. Pre-recorded message storage and tone signal generator.
5. Integration capability with Fire Alarm, Phone, CCTV, and Access Control Systems.
6. System surveillance for failure redundancy and switch-over.
7. Emergency broadcast operation with battery power supply in case of power-failure.
8. Failure and event logging with PC connection - VM-3000.

Paging and BGM

Announcements from Remote microphone (RM-200M) with pre-announcement chime and selection of broadcasting area. BGM (CD player) is automatically muted during announcement.

Surveillance

Amplifier and speaker line failures are detected with built-in surveillance function.

Voice Alarm

Emergency pre-recorded message activated by fire alarm and announcement from the Fireman's microphone (RM-300MF) are transmitted to specified areas. Normal broadcasting programs are automatically muted. In case of power failure, emergency broadcasting works with battery backup.

TOA
Smiles for the Public

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