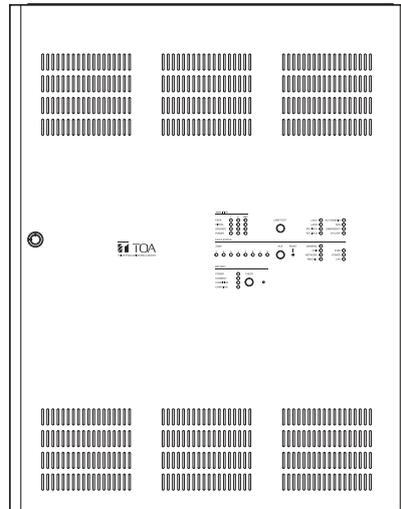




PLEASE READ THIS MANUAL FIRST!

WALL-MOUNT VOICE EVACUATION SYSTEM VX-3308WM

Thank you for purchasing TOA's Wall-Mount Voice Evacuation System.
Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.



 1134
TOA Electronics Europe GmbH Suederstrasse 282, 20537 Hamburg, Germany 1134-CPR-221 18 DOP 18-002
EN 54-4: 1997/AC: 1999+ A1: 2002+ A2: 2006 EN 54-16: 2008 Fire Detection and fire alarm systems: Voice alarm control and indication system for fire detection and fire alarm systems for buildings Options: manual silencing of voice alarm condition manual reset of voice alarm condition voice alarm condition output indication of a fault related to voice alarm zones voice alarm manual control emergency microphones power amplifiers battery box

When an EN 54-4 and EN 54-16 compliant VX-3000 system has to be installed, then carefully read the separate manual titled "APPENDIX: ADDITIONAL INSTALLATION INSTRUCTIONS FOR AN EN 54-4 AND EN 54-16 COMPLIANT SYSTEM" and follow up the installation and configuration requirements explained therein. This APPENDIX contains the basic description of settings and installations, so please refer to the general instruction sections in this document for more details.

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1. SAFETY PRECAUTIONS

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.
- This equipment is not suitable for use in locations where children are likely to be present.
- An equipment installer and the person in charge of maintenance are required to fully understand the functions and structure of this unit, then be aware of electrical and mechanical risks before work. Before starting work, he or she should take possible measures to prevent occurrence of such risks. Be sure to contact your nearest TOA dealer if you need to confirm unclear points about risk sources of this unit.

Safety Symbol and Message Conventions

Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety hazards.



WARNING

Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.



CAUTION

Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.



WARNING

When Installing the Unit

- Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
- Since the unit is designed for indoor use, do not install it outdoors. If installed outdoors, the aging of parts causes the unit to fall off, resulting in personal injury. Also, when it gets wet with rain, there is a danger of electric shock.
- (Applicable to VX-3308WM and VX-030DA only)
Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.
- (Applicable to VX-3308WM only)
Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.
- (Applicable to RM-200SF, RM-300X, RM-320F, and RM-210F only)
Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down and causing personal injury and/or property damage.

- (Applicable to RM-200SF, RM-300X, RM-320F, and RM-210F only)

Install the unit only in a location that can structurally support the weight of the unit and the mounting bracket. Doing otherwise may result in the unit falling down and causing personal injury and/or property damage.

When the Unit is in Use

- Should the following irregularity be found during use, immediately switch off the power, disconnect the power supply plug from the AC outlet and contact your nearest TOA dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.
 - If you detect smoke or a strange smell coming from the unit
 - If water or any metallic object gets into the unit
 - If the unit falls, or the unit case breaks
- To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit.
(Applicable to RM-200SF and RM- only)
Refer all servicing to qualified service personnel.
- Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.

- Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.
- When replacing the fuse, be sure to use the supplied one. Using any other fuse than supplied may cause fire or electric shock.
 VX-030DA: Blade 20 A
 VX-3308WM: AC T8A H, AC T6.3A L, and Blade 30 A

- Be sure to switch off the amplifier's power when replacing the fuse.
 Inserting or removing the fuse with the amplifier's power on may cause personal injury.
- Handle or use the batteries properly.
 Doing otherwise may cause leakage or explosion of the batteries, resulting in a fire, personal injury, damage to peripheral equipment, or contamination of environment.



CAUTION

When Installing the Unit

- Do not block the ventilation slots in the unit's cover. Doing so may cause heat to build up inside the unit and result in fire. Also, periodically clean the ventilation slots of dust.
- Avoid installing the unit in humid or dusty locations, in locations exposed to the direct sunlight, near the heaters, or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.
- Note correct polarity (positive and negative orientation) when connecting the power supply cord. Reversed polarity connections will cause damage to the unit.
- To avoid electric shocks, be sure to switch off the VX-3308WM's power when connecting the unit.

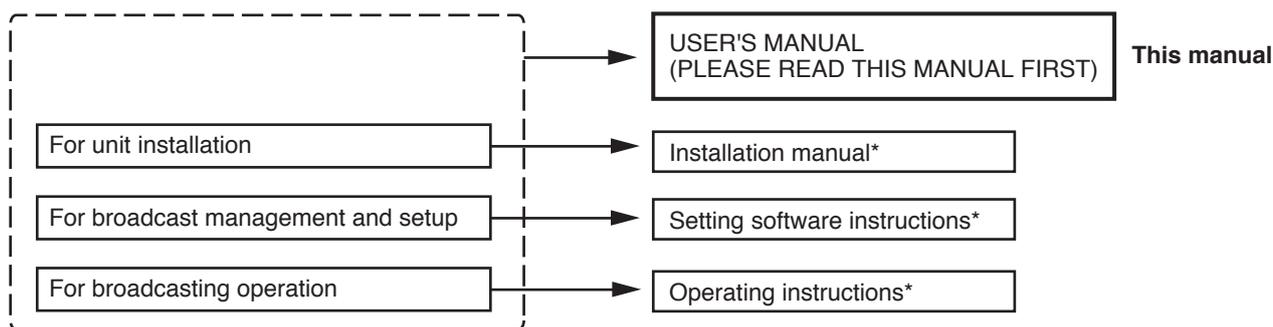
- When connecting multiple appliances to a single power socket through a multi-outlet power strip, a total current consumption of the appliances must not exceed the allowable current capacity of the power socket.
 Failure to observe this instruction may result in a fire or electric shock.

When the Unit is in Use

- Do not operate the unit for an extended period of time with the sound distorting. Doing so may cause the connected speakers to heat, resulting in a fire.
- Use the specified AC adapter for the unit. Note that the use of other adapter may cause a fire.
- Contact your TOA dealer as to the cleaning. If dust is allowed to accumulate in the unit over a long period of time, a fire or damage to the unit may result.
- Make sure to observe the following handling precautions so that a fire or personal injury does not result from leakage or explosion of the battery.
 - Do not short, disassemble, heat nor put the battery into a fire.
 - Avoid using both new and old batteries together.
 - Never charge batteries of the type which are not rechargeable.
 - Do not solder a battery directly.
 - Be sure to use the specified type of batteries.
 - Note correct polarity (positive and negative orientation) when connecting a battery to the unit.
 - Avoid locations exposed to the direct sunlight, high temperature and high humidity when storing batteries.
- (Applicable to RM-200SF, RM-300X, RM-320F, and RM-210F only)
 Have the unit checked periodically by the shop from where it was purchased. Failure to do so may result in corrosion or damage to the unit or its mounting bracket that could cause the unit to fall, possibly causing personal injury.

2. COMPOSITION OF THE VX-3000 INSTRUCTION MANUAL

The VX-3000 system Instruction manual is divided into 4 parts.
Please read the proper manual for your purpose.



* These manuals can be downloaded from the TOA DATA Library (<https://www.toa-products.com/international/>).

3. GENERAL DESCRIPTION

The TOA VX-3308WM Wall-Mount Voice Evacuation System is designed for both general and emergency purpose broadcasts.

It is comprised of the Voice Evacuation Frame, Digital Power Amplifier modules, Power Supply unit, Emergency Power Supply, and a user-specified number of Remote Microphones.

The system complies with the EN 54-4 and EN 54-16 Standard and its failure detection circuitry operates continuously to check components and speaker lines for any irregularities. If detected, failure warnings are provided by way of an LED indicator and a buzzer.

The VX-3308 system allows 4 types of broadcasts to be made: General-purpose broadcast such as general paging and BGM, Emergency warning broadcast that can be broadcast with priority over the Emergency broadcast, Emergency broadcast that the emergency messages are to be broadcast by an automatic announcement device or remote microphone, All-zone emergency broadcast that is to be made available even during system malfunctions or failures. Two patterns of the Emergency broadcast can be activated simultaneously.

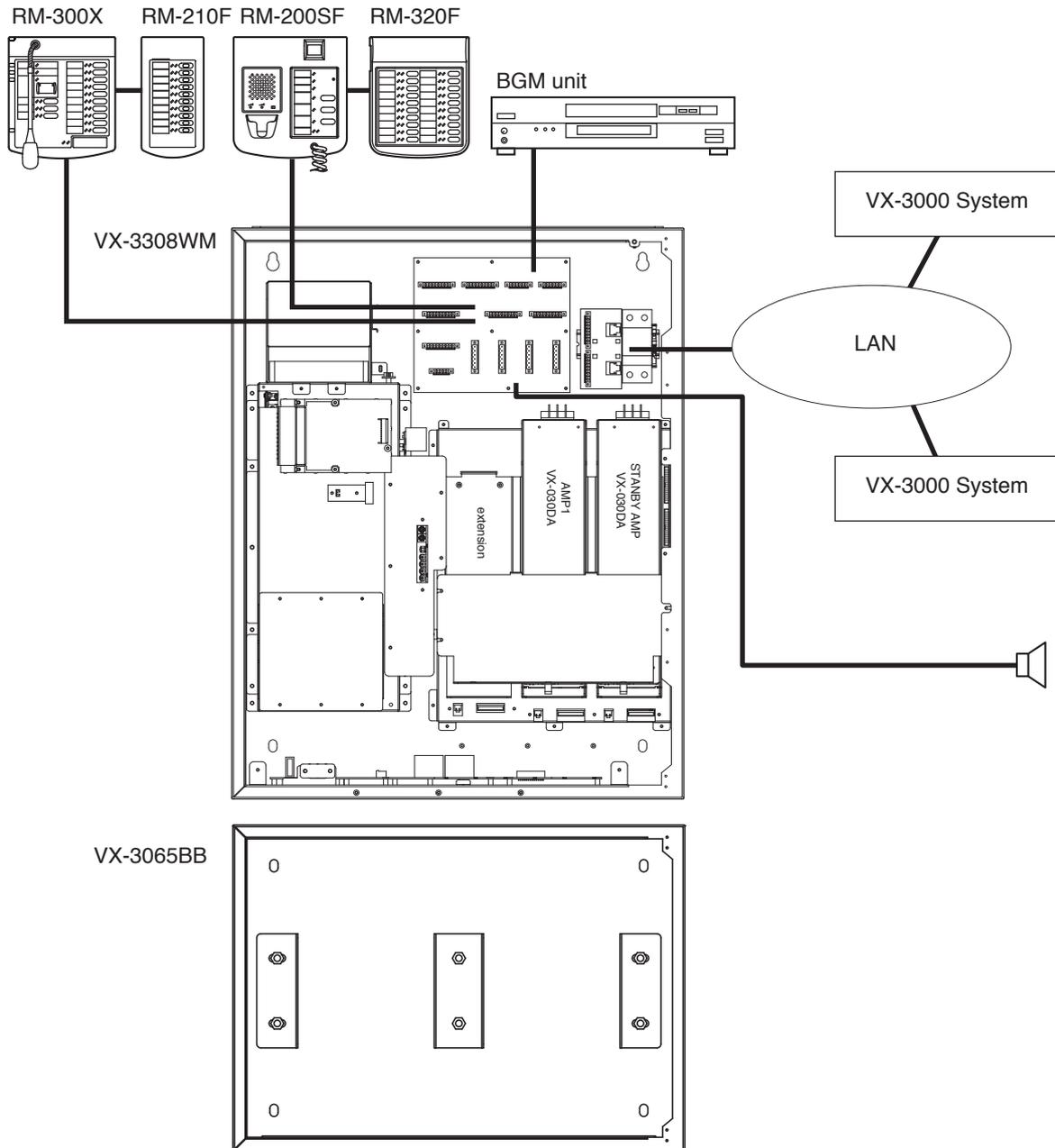
The dedicated software is used to perform all necessary settings related to the entire system operation and functions including system configurations, input-to-output signal routing, function assignment to the operation keys, operation of the control terminals, and selection of the failure detection points.

4. SYSTEM FEATURES

- VX-3308 system is a voice evacuation system.
- Decentralized configuration is possible via network.
- VX-3308 system is constructed up to 256 zones as system.
- Speaker Selector function is implemented, then VX-3308 system is able to cover many zones.
- A general broadcast for a sound quality regulating function is possible to digitalize all sound.
- A general broadcasting is possible by latitude setting of control input/output and priorities.

5. SYSTEM EXAMPLE

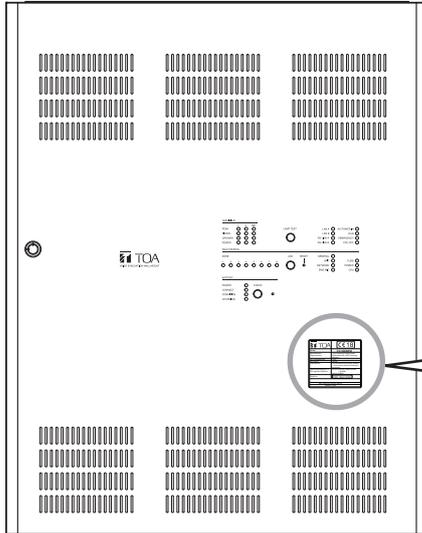
VX-3308WM+VX-3065BB+RM200SF System Connection Diagram



6. AFFIXING DECLARATION OF COMPLIANCE (EN 54-4 AND EN 54-16 STANDARD)

To declare that the VX-3308WM complies with EN 54-4 and EN 54-16, affix the sticker supplied with the VX-3308WM visible to the front panel of the equipment as shown below.

VX-3308WM



Sticker (supplied with the VX-3308WM)

 TOA	
Model	VX-3308WM -CE
Manufacturer's Representative	TOA Electronics Europe GmbH Süderstraße 282, 20537 Hamburg Germany
No. of Notified Body	1134
No. of DoP	18-002
Intended use	Fire detection and fire alarm systems – Voice alarm control and indicating equipment
Applied standards acc. to EU regulation 305/2011:	EN 54-4:1997/AC:1999+A1:2002 + A2:2006 EN 54-16:2008
Serial no.	
220 - 230 V AC / 50 Hz / 460 W	
Made in Taiwan	

XX: manufactured year

Traceability Information for Europe

Manufacturer:
TOA Corporation
7-2-1, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo,
Japan

Authorized representative:
TOA Electronics Europe GmbH
Suederstrasse 282, 20537 Hamburg,
Germany

URL: <https://www.toa.jp/>