

SETTING SOFTWARE INSTRUCTIONS

INTEGRATED VOICE EVACUATION SYSTEM

VM-3000 Series

VOICE ALARM SYSTEM AMPLIFIER 240W	VM-3240VA
VM EXTENSION AMPLIFIER 240W	VM-3240E
FIREMAN'S MICROPHONE	RM-300MF
FIREMAN'S MICROPHONE EXTENSION	RM-320F
REMOTE MICROPHONE	RM-200M
REMOTE MICROPHONE EXTENSION	RM-210

Thank you for purchasing TOA's VM-3000 Series System. Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.



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1. SOFTWARE OUTLINE

This setting software is designed to be installed in a PC and used exclusively for performing the settings necessary for operating the VM-3000 system.

Settings are roughly divided into system configurations, failure detection points, broadcasting sound source priorities, broadcast zones, and function assignment to the control inputs and remote microphone keys. This software also features a Log function that integrates event log data from the VM-3240VA into a PC and displays such data, as well as an Error List function that shows discrepancies in set data.

Loading the PC-set data into the VM-3240VA allows the VM-3000 system to operate according to the configured settings.

2. NOTES ON PERFORMING SETTINGS

2.1. System Requirements

• OS:	Windows Vista, Windows XP SP2, 32-bit Windows 7
• CPU:	1 GHz or faster
Memory:	1 GB or more
• LAN:	1 port

Note

Windows and Windows Vista are trademarks of Microsoft Corporation.

2.2. Notes

2.2.1. Displays

The VM-3000 Setting Software creates window displays at a resolution of 1024 x 768 pixels. Setting the screen size to a lower resolution or resizing windows may cause a portion of display to be hidden or cut off.

2.2.2. Window screens

The windows displayed by the VM-3000 Setting Software in this manual are examples and may vary somewhat depending on the specific environment of the PC used.

3. SOFTWARE SETUP

Notes

- · Close all open applications before installing.
- To install the software, it is necessary to log in to the PC using an administrator account.

3.1. Setting Software Installation

Step 1. Click on "setup.exe" in the setting software folder contained in the CD supplied with the VM-3240VA. The installation wizard screen is displayed.

Note

The installation wizard screen may not be displayed. In this case, read the next page.



Step 2. Click the Next button.

The Select Installation Folder screen is displayed.

😽 VM3000 Setting Software					
Select Installation Folder					
The installer will install VM3000 Setting Software to the following folder. To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".					
Eolder: C-VProgram Files\TOA Corporation\VM3000\VM3000 Setting Software Install VM3000 Setting Software for yourself, or for anyone who uses this co C Everyone C Just me	Browse Disk Cost mputer:				
Cancel < Back	<u>N</u> ext >				

Step 3. Change the folder as needed, then click the Next button.The Confirm Installation dialog is displayed.

🖟 VM3000 Setting Software	
Confirm Installation	
The installer is ready to install VM3000 Setting Software on your computer.	
Click "Next" to start the installation.	
Cancel < <u>B</u> ack	<u>N</u> ext >

Step 4. Click the Next button to start installing the software.

Step 5. When the Installation Complete dialog is displayed, click the Close button to complete the installation.



[If no installation wizard screen is displayed]

The screen at right may be displayed when the Step 1 is performed. In this case, install the software needed to run the VM-3000 Setting Software with the steps below.

🐞 VM3000 Setting Software Setup 🛛 🛛 🔀					
For the following components:					
.NET Framework 2.0					
Please read the following license agreement. Press the page down key to see the rest of the agreement.					
MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS MICROSOFT .NET FRAMEWORK 2.0 MICROSOFT WINDOWS INSTALLER 2.0 MICROSOFT WINDOWS INSTALLER 3.1 Microsoft Corporation (or based on where you live, one of its affiliates) licenses this supplement to you. If you are licensed to use Microsoft Windows operating system software (the "software"), you may use this supplement. You may not use it if you do not have a license for the software. You may use a copy of this supplement with each validly licensed copy of the software.					
If you choose Don't Accept, install will close. To install you must accept this agreement.					
Accept Don't Accept					
🐞 VM3000 Setting Software Setup 🛛 🔀					
Installing .NET Framework 2.0					

Cancel

Step 1. Click the Accept button.

Installation in progress screen is displayed.

As the installation wizard screen is displayed after completion of installation, follow the steps shown on the previous page.

3.2. Uninstallation

- Step 1. Click on "setup.exe" in the setting software folder contained in the CD supplied with the VM-3240VA. The setup wizard screen is displayed.
- Step 2. Select "Remove VM3000 Setting Software," and click the Finish button to start uninstalling the software.
- **Step 3.** When the Installation Complete dialog is displayed, click the Close button to complete the uninstallation.



🙀 VM3000 Setting Software			
Installation Complete			
VM3000 Setting Software has been successfully	removed.		
Click "Close" to exit.			
C	ancel	< <u>B</u> ack	

3.3. Update

- Step 1. Click on "setup.exe" in the setting software folder contained in the CD supplied with the VM-3240VA. The setup wizard screen is displayed.
- Step 2. Select "Repair VM3000 Setting Software," and click the Finish button to start updating the software.
- Step 3. When the Installation Complete dialog is displayed, click the Close button to complete the update.



🔀 VM3000 Setting Software					
Installation Complete					
VM3000 Setting Software has been successfully installed.					
Click "Close" to exit.					
Please use Windows Update to check for any critical updates to the .NET Framew	vork.				
Cancel < <u>B</u> ack					

4. RUNNING THE VM-3000 SETTING SOFTWARE

To start the software, select "VM-3000 \rightarrow Setting Software," or double-click the VM-3000 shortcut icon on the desktop.

Start menu

Paint Windows Messenger Windows Movie Maker All Programs WM-3000 Setting Software Log Off O Turn Off Computer Start F:\Documents and Se... V untitled - Paint



Shortcut icon on the desktop

Activating the software displays the following splash screen.



After activation is complete, the VM-3000 Setting Software initial screen is displayed.



5. SETTING ITEMS

Menu items are displayed at the top of the setting screen.

These menu items include those from "System" to "Event." Settings are conducted in order from left to right. The other two menu items, "Log" and "Error List," are respectively for checking event histories and checking for irregularities in the settings data. Clicking on any of these menu items calls up the relevant setting screen.

Note

In the following setting screen illustrations and instructions, the VM-3240VA is referred to as "VM-3000VA", and the VM-3240E as "VM-3000E."



5.1. Menu Structure

System	(p. 14)	System Type (p. 15) Subscription 1-cha broad	Selects a system configuration from the following options: 1-channel broadcasting (no standby amplifier); 1-channel (with standby amplifier); and 2-channel broadcasting (BGM/paging).	
		Number of VM-3000Es (p. 17) Sets to be a constrained of the sets to be a constrained	he number of extension amplifiers.	
		RM-300MF (p. 18) Sets emerge	the connection format for the RM-300MF gency remote microphones.	
		- RM-200M (p. 18) Sets t remot	he connection format for the RM-200M general use microphones.	
		External ATT. (p. 19) Sets	he external attenuator.	
		EOL (End of line) (p. 21) This f	unction cannot be used.	
		WM-3000VA (p. 22) Sets control	the names of the audio inputs, audio outputs, of inputs, and control outputs for the VM-3240VA.	
		VM-3000E (p. 29) Sets control	the names of the audio outputs, control inputs, and ol outputs for the VM-3240E.	
		Local Input (p. 35) Sets	he local input.	
Surveillance	(p. 36)	Time/Interval Setting (p. 37) Sets	he time and interval for specific surveillance items.	
		Surveillance Group Settings(p. 38) Alloca	ates surveillance items into up to 64 groups.	
Priority	(p. 41)	General Setting (p. 42) Sets	sound source priorities for general broadcasting.	
		Emergency Setting (p. 44) Disp broad	ays the priority setting status of emergency casting sound sources.	
Zone	(p. 46)	Zone Setting (p. 46) Sets	proadcast zones.	
Event	(p. 47)	General Setting (p. 48)		
		VM-3000VA (p. 48) Sets VM-3	general broadcast control input functions for the 240VA.	
		VM-3000E (p. 48) Sets VM-3	general broadcast control input functions for the 240E.	
		Emergency Setting (p. 51)		
		VM-3000VA (p. 51) Sets keys'	the front panel-mounted emergency broadcast functions, and emergency control input functions	
		VM-3000E (p. 51) Sets 32401	the emergency control input functions for the VM- E.	
		RM Key Setting (p. 53)		
		RM-300MF (p. 54) Sets functi	the RM-300MF function display and RM-320F key ons.	
		RM-200M (p. 58) Sets	RM-200M and RM-210 key functions.	
Log	(p. 62)	Log Display (p. 62) Displ data.	ays event history information and stores history	
Error List	(p. 64)	Error List Display (p. 64) Display within	ays a list of errors and other irregularities occurring set data.	

5.2. Menu Bar Items & Explanations

For details on operations conducted by selecting the following menu items from the menu bar, see "Menu Item Operations from the Menu Bar" on page 65.

File (F)	
New (N):	Creates a new data file to be used by the VM-3000 setting software.
Open (O):	Reads an existing data file to be used by the VM-3000 setting software.
Save (S):	Saves the information currently being edited by the VM-3000 setting software and overwrites an existing data.
Save As (A):	Saves the information currently being edited by the VM-3000 setting software under a new file name.
Data Output (P)	
Print Setting Data (P):	Prints setting data.
CSV Output (C):	Exports setting data as a CSV file.
RM Label (L):	Creates and prints labels used to identify the keys on remote microphones (RM-300MF, RM-320F, RM-200M, and RM-210).
Exit (X):	Quits the VM-3000 setting software.
Language (L)	
Select (S):	Selects the display language used by the VM-3000 setting software.

Communication (C)

Setting Data: VA->PC (D): Allows PC-set data stored in the VM-3240VA to be read back into a PC. Setting Data: PC->VA(U): Allows data set on a PC to be written from the PC into the VM-3240VA. Network Setting(N):

Conducts communication settings needed to achieve communication between the VM-3000 setting software and the VM-3240VA.

I Itility/		
	1111	
•••••	(-)	

EV (E):

Allows EV message sound source files used by the VM-3240VA to be written into the VM-3240VA from a PC or read from the VM-3240VA to a PC.

Help (H)

Version (A):

Displays the version information for the VM-3000 setting software.

6. SYSTEM SETTINGS

Set the system configuration and inputs and outputs for each device.

Click the Menu item "System" button to display the system setting screen.

M-3000 Setting Software	
File(E) Language(L) Communication(C) Utility(U) Help(H)	
System Surveillance Priority Zone Event	Log Error List
System Type Standby amplifier : Not used 💙 Number of VM-3000Es 0 💙 External ATT. [Notused 💌 End of line 🛛 Notused 💌
Image: Strate Strat	VA-OUTPUT1 10 VA-OUTPUT2 10 VA-OUTPUT3 10 VA-OUTPUT4 10 VA-OUTPUT5 10 VA-OUTPUT6 10

6.1. System Type Settings

Select the type of VM-3000 system.

Available Settings Standby amplifier: Not used (default), Standby amplifier: Used, BGM/PAGING System

Setting this to "Standby amplifier: Not used" sets the configuration to a system that does not use a standby amplifier.



Setting this to "Standby amplifier: Used" sets the configuration to a system that does use a standby amplifier. In such cases, use a VP-2000 series amplifier as the VM-3000VA's standby amplifier.

MVM-3000 Setting Software		
File(F) Language(L) Communication(C) Utility(U) Help(H)		
System Surveillance Priority Zone	Event Log Erro	r List
System Wipe Standby amplifier : Used miniber of VM-3000Es 0 V	External ATT. Not used 🔽 End of line Not used	~
Standby amplifier : Used	VM-3000VA VA-OUTPUT2 VA-OUTPUT3 VA-OUTPUT4 VA-OUTPUT4 VA-OUTPUT5 VA-OUTPUT6	
RM-SODMF RM-200M		
	81	TOA

Setting this to "BGM/Paging System" allows connection of a VP-2000 series amplifier to each VM-3000VA and VM-3000E in order to configure simultaneous 2-channel broadcast system for BGM and paging announcement.

In the case of emergency broadcasts, simultaneous 2-channel broadcast of microphone announcements, and pre-recorded Evacuation or Alert announcements is possible.



6.2. Setting the Number of VM-3000Es

Set the number of VM-3000Es being used.

Available Settings 0 to 9 (default: 0)

Selecting a number causes the VM-3000E icon to be displayed.



6.3. Settings for RM-300MF & RM-200M Remote Microphones

Set the remote microphones being used.

Select the remote microphones to be used from the "RM BOX" window on the system setting screen, then drag and drop it around the VM-3000VA icon.



Clicking the set remote microphone icon transfers the display to the RM Key Setting screen (page 53) in Event Settings, allowing the functions of the remote microphone keys to be set.

To delete a set remote microphone icon, position the pointer on it and right click to access the "Delete" option.

6.4. External ATT Settings

Set whether or not an external attenuator is being used.

Available Settings	Not used (default), A	All output, Each ou	utput		
M-3000 Setting Software File(E) Language(L) Con	re mmunication© Utility(U) Help(H))			
VM-3000	System Surveillance	Priority Zone	Event Log		Error List
System Type Standby	amplifier : Not used Number	RM-200M1	VM-3000VA	VA-OUTPUT1 VA-OUTPUT2 VA-OUTPUT3 VA-OUTPUT4 VA-OUTPUT5	Not used
ſ	м вох		VM-3000E/1	VA-OUTPUT6 E1-OUTPUT1 E1-OUTPUT2 E1-OUTPUT3 E1-OUTPUT4 E1-OUTPUT5	
	RM-300MF Image: RM-200M		VM-3000E/2	E1-OUTPUT6 E2-OUTPUT1 E2-OUTPUT2 E2-OUTPUT3 E2-OUTPUT4 E2-OUTPUT5 E2-OUTPUT6	

Setting this to "All output" causes the speaker lines to be displayed as shown at right.

All output



Setting this to "Each output" causes the speaker lines to be displayed as shown at right.

Each attenuator can be turned ON (used) or OFF (not used) each time its icon is clicked.



rnal ATT. Each outp	ut End of line	Not used 💙
ova		
	VA-OUTPUT3	
		- 🗿 🝈
		- 2
	VA-001F010	

6.5. End of Line (EOL) Unit Settings (This function cannot be used.)

Since the End of line (EOL) function cannot be used, leave the "End of line" item on the system setting screen as it is (set to "Not used").

Below is the screen displayed if set to "Each output." (Invalid setting screen)



6.6. VM-3000VA Settings

Set the audio inputs and outputs, as well as control inputs and outputs, for the VM-3000VA.

Clicking the VM-3000VA icon on the System Setting screen switches the display to the VM-3000VA setting screen.



Control input setting (p. 25)

6.6.1. Audio input settings

Set the audio inputs for the VM-3000VA.

∑∥ VM-3000 Setting Sof	tware							
File(F) Language(L) (Communication(C)) Utility(<u>U)</u> Help(H)					
VM-3000	System	Surveillance	Priority	Zone	Event	Log	Error	List
Name Setting	(1)	(2)		VM-:	3000VA/VM-3000E	VM-3000VA 💙	»
Audio Input	🔻 Name		Start Chime			Audio Output	▼ Name	
> Input1	VA-II	NPUT1	1-tone	✓		> Output1	VA-OUTPUT1	
> Input2	VA-II	NPUT2	2-tone	¥		> Output2	VA-OUTPUT2	
> Input3	VA-II	NPUT3	4-tone	¥		> Output3	VA-OUTPUT3	
> Input4	VA-II	NPUT4	None	~		> Output4	VA-OUTPUT4	
> BGM1	VA-	BGM1				> Output5	VA-OUTPUT5	
> BGM2	VA-	BGM2				> Output6	VA-OUTPUT6	
RM-300MF(ID 1)	RM-3	300MF1						
> RM-200M(ID 1)	RM-	200M1	2-tone	~				
Control Input		▼ Name			Control Output		▼ Name	
> General	1	VA-GENERAL-C	11		> General	1	VA-GENERAL-CO1	
>	2	VA-GENERAL-C	12		>	2	VA-GENERAL-CO2	
>	3	VA-GENERAL-C	13		3	3	VA-GENERAL-CO3	
>	4	VA-GENERAL-C	14		>	4	VA-GENERAL-CO4	
>	5	VA-GENERAL-C	15		>	5	VA-GENERAL-CO5	
>	6	VA-GENERAL-C	16		>	6	VA-GENERAL-CO6	
>	7	VA-GENERAL-C	17		>	7	VA-GENERAL-CO7	
>	8	VA-GENERAL-C	18		>	8	VA-GENERAL-CO8	
 Emergency 	1	VA-EMERGENCY-	CI1		Emergency	y 1	VA-EMERGENCY-CO1	
>	2	VA-EMERGENCY-	CI2		>	2	VA-EMERGENCY-CO2	
>	3	VA-EMERGENCY	CI3		>	3	VA-EMERGENCY-CO3	
·	4	VA-EMERGENCY	CI4					
· ·	5	VA-EMERGENCY	CI5					
>	6	VA-EMERGENCY	CI6					

(1) Name

Sets each audio input name.

Available Settings	Up to 16 alphanumeric characters (default names are VA-INPUT*, VA-BGM*, RM-300MF*, and RM-200M*, in which "*" is a number).
--------------------	---

(2) Start Chime

Selects the chime sound used at the beginning of audio input broadcasting.

|--|

6.6.2. Audio output settings

Set the audio outputs for the VM-3000VA.

M-3000 Setting Soft	tware						
File(F) Language(L) (Communication(C	:) Utility(<u>U)</u> Help	эH				
VM-3000	System	Surveillance	Priority	Zone	Event	Log	Error List
Name Setting					VM-	3000VA/VM-3000E	VM-3000VA 💙 🕥
Audio Input	🔻 Name	•	Start Chime			Audio Output	(1) 🔻 Name
> Input1	VA-		1-tone	~		> Output1	VA-OUTPUT1
> Input2	VA-I	INPUT2	2-tone	~		> Output2	VA-OUTPUT2
> Input3	VA-I	INPUT3	4-tone	~		> Output3	VA-OUTPUT3
> Input4	VA-I	INPUT4	None	~		> Output4	VA-OUTPUT4
> BGM1	VA	-BGM1				> Output5	VA-OUTPUT5
> BGM2	VA	-BGM2				> Output6	VA-OUTPUT6
> RM-300MF(ID 1)	RM-	300MF1					
> RM-200M(ID 1)	RM	-200M1	2-tone	¥			
Control Input		▼ Name			Control Output		▼ Name
> General	1	VA-GENERAL-	CI1		> General	1	VA-GENERAL-CO1
· ·	2	VA-GENERAL-	CI2		*	2	VA-GENERAL-CO2
•	3	VA-GENERAL-	CI3			3	VA-GENERAL-CO3
•	4	VA-GENERAL-	CI4			4	VA-GENERAL-CO4
>	5	VA-GENERAL-	CI5			5	VA-GENERAL-CO5
>	6	VA-GENERAL-	CI6		>	6	VA-GENERAL-CO6
>	7	VA-GENERAL-	CI7		>	7	VA-GENERAL-CO7
>	8	VA-GENERAL-	CI8		>	8	VA-GENERAL-CO8
Emergency	1	VA-EMERGENC ^V	Y-CI1		 Emergenc 	y 1	VA-EMERGENCY-CO1
>	2	VA-EMERGENC ^V	Y-CI2			2	VA-EMERGENCY-CO2
	3	VA-EMERGENC'	Y-CI3		>	3	VA-EMERGENCY-C03
•	4	VA-EMERGENC	Y-CI4				
•	5	VA-EMERGENC'	Y-CI5				
>	6	VA-EMERGENC	Y-CI6				

(1) Name

Sets each audio output name.

Available Settings	Up to 16 alphanumeric characters (default name is VA-OUTPUT*, in which "*" is the terminal number).
--------------------	---

6.6.3. Control input settings

Set the control inputs for the VM-3000VA.

VM-3000 Setting Softw	var e							
File(F) Language(L) Co	mmunication(() Utility(<u>U</u>) He	lp(H)					
VM-3000	System	Surveillance	Priority	Zone	Event	Log	Error	List
Name Setting					VM-	-3000VA/VM-3000E	VM-3000VA 💙	»
Audio Input	🔻 Name	,	Start Chime			Audio Output	▼ Name	
> Input1	VA-	INPUT1	1-tone	~		> Output1	VA-OUTPUT1	
> Input2	VA-	INPUT2	2-tone	~		> Output2	VA-OUTPUT2	
> Input3	VA-	INPUT3	4-tone	×		> Output3	VA-OUTPUT3	
> Input4	VA-	INPUT4	None	~		> Output4	VA-OUTPUT4	
> BGM1	VA	-BGM1				> Output5	VA-OUTPUT5	
> BGM2	VA	-BGM2				> Output6	VA-OUTPUT6	
> RM-300MF(ID 1)	RM	-300MF1						
> RM-200M(ID 1)	RM	-200M1	2-tone	×				
Control Input		▼ Name			Control Output		▼ Name	
» General	1	VA-GENERAL	CI1		> General	1	VA-GENERAL-CO1	
>	2	VA-GENERAL	CI2			2	VA-GENERAL-CO2	
· ·	3	VA-GENERAL	-CI3			3	VA-GENERAL-CO3	
· ·	4	VA-GENERAL	CI4			4	VA-GENERAL-CO4	
· ·	5	VA-GENERAL	CI5			5	VA-GENERAL-CO5	
· ·	6	VA-GENERAL	CI6			6	VA-GENERAL-CO6	
· ·	7	VA-GENERAL	-CI7			7	VA-GENERAL-CO7	
	8	VA-GENERAL	CI8		>	8	VA-GENERAL-CO8	
> Emergency	1	VA-EMERGENG	CY-CI1		> Emergeno	y 1	VA-EMERGENCY-CO1	
>	2	VA-EMERGENO	CY-CI2		>	2	VA-EMERGENCY-CO2	
	3	VA-EMERGEN	CY-CI3			3	VA-EMERGENCY-CO3	
>	4	VA-EMERGEN	CY-CI4					
	5	VA-EMERGEN	CY-CI5					
· ·	6	VA-EMERGEN	CY-CI6					

(1) Name

Sets the names for general and emergency control inputs.

Available Settings	Up to 16 alphanumeric characters (default names are VA-GENERAL-CI* and VA-
	EMERGENCY-CI*, in which "*" is the terminal number).

6.6.4. Control output settings

Set the control outputs for the VM-3000VA.

M-3000 Setting Soft	tware							
File(F) Language(L) (Communication(C	:) Utility(<u>U)</u> Help	ЭШ					
VM-3000	System	Surveillance	Priority	Zone	Event	Log		Error List
Name Setting					VM-	3000VA/VM-3000E	VM-3000VA	✓ >>>
Audio Input	🔻 Name	•	Start Chime			Audio Output	▼ Name	
> Input1	VA-		1-tone	~		> Output1	VA-OUTP	UT1
> Input2	VA-	INPUT2	2-tone	~		> Output2	VA-OUTP	UT2
> Input3	VA-	INPUT3	4-tone	~		> Output3	VA-OUTP	ОТЗ
> Input4	VA-	INPUT4	None	~		> Output4	VA-OUTP	UT4
> BGM1	VA	-BGM1				> Output5	VA-OUTP	UT5
> BGM2	VA	-BGM2				> Output6	VA-OUTP	UT6
RM-300MF(ID 1)	RM-	300MF1						
> RM-200M(ID 1)	RM	-200M1	2-tone	¥				
Control Input					Control Output			
Control input		▼ Name			Control Output		▼ Name	
> General	1	VA-GENERAL-			> General	1	VA-GENERAL-CO	01
· ·	2	VA-GENERAL-			· ·	2	VA-GENERAL-CO	02
· ·	3	VA-GENERAL-			·	3	VA-GENERAL-CO	3
· ·	4	VA-GENERAL-	015		,	4	VA-GENERAL-CO	25
	5	VA-GENERAL-			,	5	VA-GENERAL-CO	25
	0	VA-GENERAL-				7	VA-GENERAL-CO	78
		VA-GENERAL-				,	VA-GENERAL-CO	28
- Emergency	0	VA-GENERAL-	CIU		- Emonant			201
 Emergency 	2		/ 011		> Emergend	y I 1	VA-EMERGENCY-U	201
	2		V C12			2		202
	3	VA-EMERGENC	K-CI4				VA-EMERGENCY-	203
	5	VA-EMERGENC	6.015					
	с — а	VALEMERGENC	-CI6					
Constant of the local division of the local	в	VA-EMERGENC'	1-010					

(1) Name

Sets the names for general control outputs and status outputs.

Available Settings	Up to 16 alphanumeric characters (default names are VA-GENERAL-CO* and VA-EMERGENCY-CO*, in which "*" is the terminal number).
--------------------	--

6.6.5. VM-3000VA/VM-3000E setting screen changeover

Click the box or double-arrow button to select the VM-3000VA or VM-3000E to be set. This will cause the display to change to the setting screen for the selected model. See page 29 for VM-3000E settings.

📶 VM-3000 Setting Software X File(F) Language(L) Communication(C) Utility(U) Help(H) VM-3000 System Surveillance Priority Zone Error List Event Log Name Setting VM-3000VA VM-3000VA/VM-3000E ✓ >> Audio Input Audio Output ▼ Start Chime ▼ Name ▼ Name Output1 VA-INPUT1 1-tone VA-OUTPUT1 Input1 Output2 Innut2 VA-INPUT2 2-tone VA-OUTPUT2 VA-INPUT3 4-tone VA-OUTPUT3 Output3 Input3 VA-INPUT4 VA-OUTPUT4 None Output4 BGM1 VA-BGM1 VA-OUTPUT5 Output5 > BGM2 VA-BGM2 > Output6 VA-OUTPUT6 RM-300MF1 RM-300MF(ID 1) RM-200M(ID 1 RM-200M1 2-tone Control Input Control Output ▼ Name ▼ Name VA-GENERAL-CI1 General VA-GENERAL-CO1 Genera VA-GENERAL-CI2 VA-GENERAL-CO2 VA-GENERAL-CI3 VA-GENERAL-CO3 VA-GENERAL-CI4 VA-GENERAL-CO4 VA-GENERAL-CO5 VA-GENERAL-CI5 VA-GENERAL-CI6 VA-GENERAL-CO6 VA-GENERAL-CI7 VA-GENERAL-CO7 VA-GENERAL-CO8 VA-GENERAL-CI8 VA-EMERGENCY-CO1 VA-EMERGENCY-CI1 VA-EMERGENCY-CO2 VA-EMERGENCY-CI2 VA-EMERGENCY-CI3 VA-EMERGENCY-CO3 VA-EMERGENCY-CI4 VA-EMERGENCY-CI5 VA-EMERGENCY-CI6

6.6.6. Returning to the system setting screen from the VM-3000VA setting screen

To return to the system setting screen from the VM-3000VA setting screen, click the "System" button in the menu bar.

"VM-3000VA setting screen"

📶 VM-3000 Setting Sof	tware							
File(E) Language(L) (Communication(C) Utility(U) I	Help(H)					
VM-3000	System	Lurveillanc	e Priority	Zone	Event	Log	Error List	
Name Setting					VM-3000	0VA/VM-3000E	VM-3000VA 😽 📡	
Audio Input	▼ Name		▼ Start Chime		Aud	io Output	▼ Name	
> Input1	VA-	INPUT1	1-tone	~		Output1	VA-OUTPUT1	
> Input2	VA-	INPUT2	2-tone	~		Output2	VA-OUTPUT2	
> Input3	VA-	INPUT3	4-tone	~		Output3	VA-OUTPUT3	
> Input4	VA-	INPUT4	None	~		Output4	VA-OUTPUT4	
> BGM1	VA	-BGM1				Output5	VA-OUTPUT5	
> BGM2	VA	-BGM2				Output6	VA-OUTPUT6	
> RM-300MF(ID 1)	RM-	300MF1						
> RM-200M(ID 1)	RM	-200M1	2-tone	~				
Control Input		▼ Name			Control Output		▼ Name	
> General	1	VA-GENER	AL-CI1	•	> General	1	VA-GENERAL-CO1	
>	2	VA-GENER	RAL-CI2			2	VA-GENERAL-CO2	
>	3	VA-GENER	RAL-CI3			3	VA-GENERAL-CO3	
>	4	VA-GENER	RAL-CI4			4	VA-GENERAL-CO4	
>	5	VA-GENER	RAL-CI5			5	VA-GENERAL-CO5	
>	6	VA-GENER	RAL-CI6			6	VA-GENERAL-CO6	
>	7	VA-GENER	RAL-CI7			7	VA-GENERAL-CO7	
>	8	VA-GENER	RAL-CI8		>	8	VA-GENERAL-CO8	
> Emergency	1	VA-EMERGE	NCY-CI1		Emergency	1	VA-EMERGENCY-CO1	
>	2	VA-EMERGE	NCY-CI2		>	2	VA-EMERGENCY-C02	
· ·	3	VA-EMERGE	NCY-CI3		>	3	VA-EMERGENCY-CO3	
,	4	VA-EMERGE	NCY-CI4					
,	5	VA-EMERGE	NCY-CI5					
,	6	VA-EMERGE	NCY-CI6					

"System setting screen"



6.7. VM-3000E Settings

Set the audio outputs, as well as control inputs and outputs, for the VM-3000E.

Clicking the VM-3000E/# (in which "#" is an ordinal number) icon on the system setting screen changes the display to the VM-3000E setting screen.



Control input setting (p. 31)

Control output setting (p. 32)

6.7.1. Audio output setting

Set the audio outputs for the VM-3000E.

VM-3000 Setting 3	Software						
File(<u>F)</u> Language(<u>L</u>)	Communication(<u>C</u>)	Utility(U) Help(H)					
VM-3000	Funtom	Supplication Driverity	7000	Eront			Error List
Namo Cotting	System	Surveinance Phony	20118	Event	LUY		
Name Setting				VM-3000V/	A/VM-3000E	WM-3000E(1)	<u> </u>
				Audio Output	▼ Nar	me	_
				> Output1		E1-OUTPUT1	
				> Output2		E1-OUTPUT2	
				> Output3		E1-OUTPUT3	
				> Output4		E1-OUTPUT4	
				> Output5		E1-OUTPUT5	
				> Output6		E1-OUTPUT6	
Control Innut				Control Output			
Control Input		▼ Name	_	Control Output		▼ Name	
Control Input	1	▼ Name E1-GENERAL-C/1	_	Control Output	1	▼ Name E1-GENERAL	-CO1
Control Input > General >	1 2	▼ Name E1-GENERAL-CI1 E1-GENERAL-CI2	=	Control Output General	1	▼ Name E1-GENERAL- E1-GENERAL-	-CO1
Control Input General	1 2 3	▼ Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3		Control Output General	1 2 3	▼ Name E1-GENERAL- E1-GENERAL- E1-GENERAL-	-CO1
Control Input General S S	1 2 3 4	Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI4		Control Output General S S S	1 2 3 4	V Name E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	-CO1 -CO2 -CO3 -CO4
Control Input General S S S S S S S S S S S S S	1 2 3 4 5 8	Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1.GENERAL-CI5 E1.GENERAL-		Control Output General S S S S S S S S S S S S S S S S S S S	1 2 3 4 5 8	V Name E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	-CO1 -CO2 -CO3 -CO4 -CO5
Control Input General	1 2 3 4 5 6 7	Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI7		Control Output General Control	1 2 3 4 5 6 7	Name E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	-CO1
Control Input General General S S S S S S S S S S S S S S S S S S S	1 2 3 4 5 6 7 8	Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI7 E1-GENERAL-CI8		Control Output General	1 2 3 4 5 6 7 8	Name E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL	-CO1
Control Input General S S S S S S S S S S S S S	1 2 3 4 5 6 7 8	Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI4		Control Output General Control Output Contr	1 2 3 4 5 6 7 8	Name E1-GENERAL	-CO1 600 -CO2 600 -CO3 600 -CO4 600 -CO5 600 -CO6 600 -CO7 600 -CO8 600
Control Input General General S S S S S S Emergency	1 2 3 4 5 6 7 8 8 1 1 2	▼ Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI1		Control Output General General S S S S F S S S S S S S S	1 2 3 4 5 6 7 8 1 2	Name E1-GENERAL E1-EMERGENO	-CO1 2
Control Input General General S S S S Emergency S S S S S S S S S S S S S	1 2 3 4 5 6 7 8 1 2 2 3	▼ Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI2		Control Output General General S S Emergency S S S S S S S S S S S S S	1 2 3 4 5 6 7 8 1 2 3	Name E1-GENERAL E1-EMERGENC E1-EMERGENC E1-EMERGENC E1-EMERGENC	-CO1 2
Control Input General General S S S Control Input Emergency S S S S S S S S S S S S S	1 2 3 4 5 6 7 8 1 2 3 4	▼ Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3 E1-EMERGENCY-CI3 E1-EMERGENCY-CI3		Control Output General General S S Emergency S S S S S S S S S S S S S	1 2 3 4 5 6 7 8 1 2 3	V Name E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-GENERAL E1-EMERGENC E1-EMERGENC	-CO1
Control Input General General S S Emergency S S S S S S S S S S S S S	1 2 3 4 5 6 7 8 1 2 3 4 5 4	▼ Name E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3 E1-EMERGENCY-CI4 E1-EMERGENCY-CI4		Control Output General General Control Output Control Outp	1 2 3 4 5 6 7 8 1 2 3	V Name E1-OENERAL- E1-OENERAL- E1-OENERAL- E1-OENERAL- E1-OENERAL- E1-OENERAL- E1-OENERAL- E1-EMERGENC E1-EMERGENC	-CO1

(1) Name

Sets each audio output name.

Available Settings	Up to 16 alphanumeric characters (default names is E#OUTPUT*, in which "#" is an ordinal number and "*" is the terminal number).
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6.7.2. Control input settings

Set the control inputs for the VM-3000E.

M-3000 Setting	Software							
File(<u>F</u>) Language(<u>L</u>)	Communication(<u>C</u>) (Utility(U) Help(<u>H</u>)						
			_			_	_	
VM-3000	System	Surveillance Priori	ity Zon	e	Event	Log		Error List
Name Setting					VM-3000	- IVA / VM-3000E	E 😿 VM-3000E(1) 🗸 🔊
				Audi	o Output	•	Name	
					Output1	_	E1-OUTPUT1	
					Output2		E1-OUTPUT2	
					Output3		E1-OUTPUT3	
					Output4		E1-OUTPUT4	
				2	Output5		E1-OUTPUT5	
					Output6		E1-OUTPUT6	
Control Input		▼ Name		Cont	rol Output		▼ Name	
> General	1	E1-GENERAL-CI1		2	General	1	E1-GENER	AL-CO1
· ·	2	E1-GENERAL-CI2				2	E1-GENER	AL-CO2
· ·	3	E1-GENERAL-CI3				3	E1-GENER	AL-CO3
· ·	4	E1-GENERAL-CI4				4	E1-GENER	AL-CO4
· ·	5	E1-GENERAL-CI5				5	E1-GENER	AL-CO5
>	6	E1-GENERAL-CI6				6	E1-GENER	AL-CO6
· ·	7	E1-GENERAL-CI7		>		7	E1-GENER	AL-CO7
·	8	E1-GENERAL-CI8		×		8	E1-GENER	AL-CO8
 Emergency 	1	E1-EMERGENCY-CI1			Emergency	1	E1-EMERGE	NCY-CO1
>	2	E1-EMERGENCY-CI2				2	E1-EMERGE	NCY-CO2
	3	E1-EMERGENCY-CI3		2	_	3	E1-EMERGE	NCY-CO3
· ·	4	E1-EMERGENCY-CI4						
· ·	5	E1-EMERGENCY-CI5						
>	6	E1-EMERGENCY-CI6						

(1) Name

Sets the names for general control inputs and emergency control inputs.

Available Settings	Up to 16 alphanumeric characters (default names are E#-GENERAL-CI* and E#-
	EMERGENCY-CI*, in which "#" is an ordinal number and "*" is the terminal number).

6.7.3. Control output settings

Set the control outputs for the VM-3000E.

M-3000 Setting	; Software						
$File(\underline{F}) = Language(\underline{L})$	Communication(<u>C</u>)	Utility(U) Help(H)					
VM-3000	System	Surveillance Priority	/ Zone	Event	Log		Error List
Name Setting				VM-3000'	VA/VM-3000E	WM-3000E(1)	✓ >>
				Audio Output	▼ Nan	10	
				> Output1		E1-OUTPUT1	
				> Output2		E1-OUTPUT2	
				> Output3		E1-OUTPUT3	
				> Output4	1	E1-OUTPUT4	
				> Output5		E1-OUTPUT5	
				> Output6		E1-OUTPUT6	
Control Input		w Nama		Control Output			
General	1	E1-GENERAL-CI1	_	General	1	F1-GENERAL	C01
N October	2	E1-GENERAL-CI2	_	> Conordi	2	E1-GENERAL	-002
	- 3	E1-GENERAL-CI3	_		- 3	E1-GENERAL	-CO3
	4	E1-GENERAL-CI4			4	E1-GENERAL	-CO4
· ·	5	E1-GENERAL-CI5	_	,	5	E1-GENERAL	-CO5
· ·	6	E1-GENERAL-CI6	_	>	6	E1-GENERAL	-CO6
	7	E1-GENERAL-CI7			7	E1-GENERAL	.C07
· ·	8	E1-GENERAL-CI8		>	8	E1-GENERAL	-C08
> Emergency	1	E1-EMERGENCY-CI1		> Emergency	1	E1-EMERGENC	Y-C01
•	2	E1-EMERGENCY-CI2			2	E1-EMERGENC	Y-CO2
,	3	E1-EMERGENCY-CI3		,	3	E1-EMERGENO	Y-CO3
>	4	E1-EMERGENCY-CI4					
,	5	E1-EMERGENCY-CI5					
	6	E1-EMERGENCY-CI6					

(1) Name

Sets the names for general control outputs and status outputs.

Available Settings	Up to 16 alphanumeric characters (default names are E#-GENERAL-CO* and E#-
	EMERGENCY-CO*, in which "#" is an ordinal number and "*" is the terminal number).

6.7.4. VM-3000VA/VM-3000E setting screen changeover

Click the box or double-arrow button to select the VM-3000VA or VM-3000E to be set. This will cause the display to change to the setting screen for the selected model. See page 22 for VM-3000VA settings.

VM-3000 Setting S File(F) Language(L) C	o ftware communication(C)	Utility(U) Help(H)					
VM-3000	System	Surveillance Priority	zone	Event	Log	Erro	r List
Name Setting				VM-3000V.	A/VM-3000E	🕻 VM-3000E(1) 💙	>
				Audio Output	▼ Name		
				> Output1	E1-	OUTPUT1	
				> Output2	E1-	OUTPUT2	
				> Output3	E1-	OUTPUT3	
				> Output4	E1-	OUTPUT4	
				> Output5	E1-	OUTPUT5	
				> Output6	E1-	OUTPUT6	
Control Input		▼ Name		Control Output		▼ Name	
> General	1	E1-GENERAL-CI1	_	> General	1	E1-GENERAL-CO1	
· ·	2	E1-GENERAL-CI2	_	>	2	E1-GENERAL-CO2	
	3	E1-GENERAL-CI3	_		3	E1-GENERAL-CO3	
>	4	E1-GENERAL-CI4	_	>	4	E1-GENERAL-CO4	
>	5	E1-GENERAL-CI5		>	5	E1-GENERAL-CO5	
>	6	E1-GENERAL-CI6	_	>	6	E1-GENERAL-CO6	
>	7	E1-GENERAL-CI7	_	>	7	E1-GENERAL-CO7	
	8	E1-GENERAL-CI8		*	8	E1-GENERAL-CO8	
 Emergency 	1	E1-EMERGENCY-CI1		> Emergency	1	E1-EMERGENCY-CO1	
	2	E1-EMERGENCY-CI2		*	2	E1-EMERGENCY-CO2	
· ·	3	E1-EMERGENCY-CI3		>	3	E1-EMERGENCY-CO3	
·	4	E1-EMERGENCY-CI4					
	5	E1-EMERGENCY-CI5					
>	6	E1-EMERGENCY-CI6					

6.7.5. Returning to the system setting screen from the VM-3000E setting screen

To return to the original system setting screen from the VM-3000E setting screen, click the "System" button in the menu bar.

VM-3000 Setting	Software					
File(<u>F)</u> Language(<u>L</u>)	Communication(C)	Utility(U) Help(H)				
VM-3000	Contant.	D -ii	···· ··· ··· ··· ····	E		Free List
	System		ity zone	Eveni		EITOI LIST
Name Setting				VM-3000V.	A/VM-3000E	VM-3000E(1)
				Audio Output	🔻 Name	
				> Output1	E1-0	JTPUT1
				> Output2	E1-0	JTPUT2
				> Output3	E1-0	JTPUT3
				> Output4	E1-0	JTPUT4
				> Output5	E1-OI	JTPUT5
				> Output6	E1-O	JTPUT6
Control Input		▼ Name		Control Output		🗸 Name
> General	1	E1-GENERAL-CI1		> General	1	E1-GENERAL-CO1
>	2	E1-GENERAL-CI2		•	2	E1-GENERAL-CO2
	3	E1-GENERAL-CI3		•	3	E1-GENERAL-CO3
	4	E1-GENERAL-CI4			4	E1-GENERAL-CO4
	5	E1-GENERAL-CI5			5	E1-GENERAL-CO5
	6	E1-GENERAL-CI6				
	0	ET OENETONE OID			6	E1-GENERAL-CO6
2	7	E1-GENERAL-CI7		>	6 7	E1-GENERAL-CO6 E1-GENERAL-CO7
> >	7	E1-GENERAL-CI7 E1-GENERAL-CI8		> > >	6 7 8	E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8
> > > Emergency	7 8 1	E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1		> > > > Emergency	6 7 8 1	E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1
> > Emergency	7 8 1 2	E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2		> > > Emergency	6 7 8 1 2	E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1 E1-EMERGENCY-CO2
> > Emergency >	7 8 1 2 3	E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3		> > > Emergency >	6 7 8 1 2 3	E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1 E1-EMERGENCY-CO2 E1-EMERGENCY-CO3
> Emergency > > > > > > > > > > > > > > > > > > >	7 8 1 2 3 4	E1-GENERAL-OI7 E1-GENERAL-OI7 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3 E1-EMERGENCY-CI4		s s s Emergency s	6 7 8 1 2 3	E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1 E1-EMERGENCY-CO2 E1-EMERGENCY-CO3
> > Emergency > > >	7 8 1 2 3 4 5	E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3 E1-EMERGENCY-CI3 E1-EMERGENCY-CI4 E1-EMERGENCY-CI5		> > > Emergency 3	6 7 8 1 2 3	E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1 E1-EMERGENCY-CO2 E1-EMERGENCY-CO3

"VM-3000E setting screen"

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"System setting screen"



6.8. Local Input Setting

This setting allows the VM-3000E to make local broadcasts using the local input only within the system that the VM-3000E covers.

Click the VM-3000E's Local Input button on the System Setting screen to activate the local input.

The priority level for the local input source can be set in relation to the input sources of the VM-3000VA. (For priority setting, refer to p. 41.)

The broadcast output channel through the local input is automatically assigned to each corresponding general control input of VM-3000E. (Refer to p. 50.)



7. SURVEILLANCE SETTINGS

Set individual failure detection items.

Click the Menu item "Surveillance" button to display the surveillance setting screen.

VM-3000 Setting Software File(E) Language(L) Communicatio	n(C) Utility(U) Help(H)		
VM-3000 System	Surveillance	ity Zone Event	Log Error List
Surveillance Setting Time / Interval setting Time / Interval Item Battery	▼ Interval ▼ Time Disable ▼	Surveillance group setting Surveillance group Group name Status output	01) Surveillance1
		▼ Surveillance Item	▼ On / Off
External ATT/AC	▼ Time	VM-3000VA	
	Disable 🛩	Emergency EV	
		VM-3000E All	
		Emergency RM	MF1
		Battery	
		Speaker(Open/Short)	1 2 3 4 5 6 VA 3 3 4 5 6 E1 3 3 4 5 6 E2 3 4 5 6 VA 5 7 0 VA 5 6 VA 5 6 VA 5 6 VA 5 7 0 VA 5 0
		Speaker(Earth Fault)	
		Charging Equipment	
		Emergency Control Input	1 2 3 4 5 6 VA 3 3 4 5 6 E1 3 3 4 5 6 E2 3 4 5 6
		General RM	
			TOA
7.1. Time/Interval Setting

Set the start time and interval for battery check, external attenuator-connected speaker line check, and system surveillance at power failure.

		M-3000 Setting Software			
Surveillance Setting		File(E) Language(L) Communication	on(C) Utility(U) Help(H)		
Time (Interval setting		WM 9000			
		System	Surveillance Price	rity Zone Event	Log Error List
		Surveillance Setting			
		Time / Interval setting	▼ Interval	Surveillance group setting	
Battery	▼ Time		- 700-	Surveillance group	UTI Surveillancet 20
	Disable 🗸	Battery	▼ lime Disable ✓	Group name	Surveillance1
				Status output	None
				 Surveillance Item 	▼ On/Off
				VM-3000VA	
		External ATT/AC -mains failure status	▼ Time		
			Disable	Emergency EV	
External ATT/AC	▼ Time			VM-3000E	All E2
-mains failure status	Disable 🔽				
				Emergency RM	MF1
				Battery	
				-	
				Speaker(Open/Short)	1 2 3 4 5 6 VA
				-	
				Speaker(Earth Fault)	
					All
					E2
				Charging Equipment	
					All E1
					EZ
				Emergency Control Input	1 2 3 4 5 6
					AI
				General RM	M1 📃 🗸

(1) Battery

Sets the start time and interval to check the conditions of the batteries selected in the Battery item of the Surveillance Group Settings (see p. 38).

• Time

Available Settings	Disable (default), 00:00 to 23:00 (in 1-hour steps)	
--------------------	---	--

• Interval (displayed when "Time" item is not set to "Disable.")

Available Settings | 4h (default), 24h

(2) External ATT/AC-main failure status

Sets the start time and interval to check the conditions of the external attenuator-connected speaker lines selected in the Speaker (Open/Short) item of the Surveillance Group Settings (see p. 38).

The Time/Interval set herein also allows all the surveillance items selected in the Surveillance Group Settings to be performed in case of power failure.

• Time

Available Settings Disable (default), 00:00 to 23:00 (in 1-hour steps)

• Interval (displayed when "Time" item is not set to "Disable.")

Available Settings | 100 sec (default), 4h, 24h

Note

Since broadcast sound volume increases because attenuators are bypassed when the speaker line surveillance is performed during broadcasts, it is recommended that the time and intervals be set for the time zone in which no broadcast is scheduled.

7.2. Surveillance Group Settings

Individual surveillance items can be registered into up to 64 groups.

If a failure is detected on any item in a group, this can be notified by the indicator on the remote microphone. One failure status control output equipped with the VM-3000VA or VM-3000E can be set for each surveillance group.

M-3000 Setting Software			Surveillance group setting	
File(E) Language(L) Communication(C) Utility(L) Help(L)			(1) Surveillance group	[01] Surveillance1 🛛 🗸 🔊
System Surveillance Pr	iority Zone Event Log	Error List	Group name	Surveillance1
Time / Interval setting Time / Interval Kem V Interval	Surveillance group setting Surveillance group [01] Surveil	lance1 🗸 📡	3 Status output	None
Batery V Time	Group name Surveilland	e1		
	Status output None	<u> </u>	Surveillance Item	▼ On / Off
	Surveillance Item VN-3000VA	• on / off	(4) vm-3000va	
External ATTIAC * Time -mains failure status Disable <u>*</u>	Emergency EV			
	VM-3000E <u>AI</u>	E1	() Emergency EV	
	Emergency RM	MF1	(6) VM-3000E	
	Battery			E2
	Speaker(Open/Short)	1 2 3 4 5 5 VA 0 0 0 0 0 0 0 0 E 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 0	(7) Emergency RM	MF1
	Speaker(Earth Fault)		(8) Battery	
	Charging Equipment	VA - E1 - E2 -	(<u>9</u>)	
	Emergency Control Input		Speaker(Open/Short)	I 2 3 4 5 6 VA VI VI
	All	M1 M2		
	External Amplifier		(10) Speaker(Earth Fault)	All E1 E2
	Standby Amplifier			
		FI ÍOA	(11) Charging Equipment	All E1 E2
			(12)Emergency Control Input	1 2 3 4 5 6 VA I I I I I I E1 I I I I I I E2 I I I I I I
			(13) General RM	All M1 M2
			(14) External Amplifier	All E1 E2

(1) Surveillance group

Select the surveillance group to be set.

Available Settings [[01] Surveillance 1 - [64] Surveillance 64
----------------------	--

(2) Group name

Sets the names for surveillance groups.

Available Settings	Up to 16 alphanumeric characters (default names are Surveillance*, in which "*"
	is the group number.)

(3) Status output

Sets the failure status output of the VM-3000VA or VM-3000E.

The setting is made by designating the unit as only one failure status output is provided with each unit.

Available Settings | NONE (default), All, VM-3000VA, VM-3000E*, in which "*" is the unit number.

Set to ON or OFF for each function in the following items (4) through (15).

Checking a box turns the function on. (All are off by default.)

Click the "All" button to turn on all failure detection functions corresponding to the displayed surveillance item. Click the "Clear" button to turn them off.

(4) VM-3000VA

Checks the VM-3000VA's power amplifier, emergency microphone, TALK key, and power supply voltage.

(5) Emergency EV

Checks Alert and Evacuation message files.

(6) VM-3000E

Checks the power amplifier for the relevant VM-3000E, communications functions between the VM-3000VA and VM-3000E, and the power supply voltage.

(7) Emergency RM

Checks the emergency microphone and TALK key for the relevant RM-300MF, communications functions between the VM-3000VA and RM-300MF, and the power supply voltage.

(8) Battery

Checks the condition of the battery of the VX-2000DS connected to the relevant unit.

Note

To perform the battery surveillance, be sure also to set the start time and interval in the Battery item of the Time/Interval Setting (see p. 37).

(9) Speaker (Open/Short)

Checks for open or shorted conditions in the speaker lines. This speaker line surveillance timing differs depending on the following speaker lines.

Speaker lines with no external attenuators connected

Surveillance is continuously performed.

Speaker lines with external attenuators connected

Surveillance is performed at the set time and intervals by bypassing external attenuators.

Note

To perform the surveillance for external attenuator-connected speaker lines, be sure also to set the start time and interval in the External ATT/AC-mains failure status item of the Time/Interval Setting.

(10) Speaker (Earth Fault)

Checks the earth fault of the speaker lines for the relevant unit.

(11) Charging Equipment

Checks the condition of the recharging circuit of the VX-2000DS connected to the relevant unit.

(12) Emergency Control Input

Checks for disconnection or short circuits in the emergency control input lines from external equipment connected to the relevant unit.

(13) General RM

Checks communications between the relevant RM-200M and VM-3000VA.

(14) External Amplifier

Checks external amplifier condition. (Only displayed when the system type is set to "BGM/PAGING System" in the system settings.)

(15) Standby Amplifier

Checks standby amplifier condition. (Only displayed when the system type is set to "Standby amplifier: used" in the system settings.)

8. PRIORITY SETTINGS

Click the Menu item "Priority" button to display the priority setting screen.

VM-3000 Setting Soft File(E) Language(L) C	ware ommunication(<u>C</u>) Utility(U) H	lelp(H)					
VM-3000	System Surveillance	e Priority	Lone	Event	Log		Error List
Priority Setting	Emergency Setting					Priority Control FIF0 LIF0	
▼ Input	▼ Name	 Priority 	▼ Inter	nal ATT.	🔻 External ATT.	▼ Master Volume	
> Input1	VA-INPUT1	1	~	Bypass	Bypass	Bypass	
> Input2	VA-INPUT2	2	~	Bypass	Bypass	Bypass	
> Input3	VA-INPUT3	3	~	Bypass	Enable	Bypass	
> Input4	VA-INPUT4	7 (MIX)	~	Enable	Enable	Enable	
> EV1	EV-1	1	~	Bypass	Bypass	Bypass	
> EV2	EV-2	2	~	Bypass	Bypass	Bypass	
> EV3	EV-3	3	~	Bypass	Enable	Bypass	
> EV4	EV-4	4	~	Bypass	Enable	Bypass	
> EV5	EV-5	5	~	Bypass	Enable	Enable	
> EV6	EV-6	6	~	Bypass	Enable	Enable	
> RM1	RM-200M1	1	×	Bypass	Bypass	Bypass	
> BGM1	VA-BGM1	8(BGM)		Enable	Enable	Enable	
> BGM2	VA-BGM2	8(BGM)		Enable	Enable	Enable	
> VM-3000E(1)	E1-LOCALINPUT	4	~	Bypass	Enable	Bypass	
> VM-3000E(2)	E2-LOCALINPUT	5	~	Bypass	Enable	Enable	
> VM-3000E(3)	E3-LOCALINPUT	6	~	Bypass	Enable	Enable	

- Pressing the "General Setting" button calls up the screen used to set sound source priorities for general broadcasting. (Refer to page 42.)
- Pressing the "Emergency Setting" button calls up the screen displaying sound source priorities for emergency broadcasting. (Refer to page 44.)

8.1. General Broadcast Sound Source Priority Settings

Pressing the "General Setting" button in the priority setting screen calls up the screen used to set sound source priorities for general broadcasting.

VM-3000 Setting Soft	ware	Holp/H)					
File(F) Language(L) C		Helb(D)					
VM-3000	System Surveillan	ce Priority	Zone	Event	Log		Error List
Priority Setting					(5)	Priority Control	
General Setting	Emergency Sett	ing				FIFOLIFO	
v Input (1)	▼ Name <mark>(2</mark>)	✓ Priority (3)		🔻 Internal ATT.	▼ External ATT.	🔻 Master Volume	
> Input1	VA-INPUT1	1	~	Bypass	Bypass	Bypass	
> Input2	VA-INPUT2	2	~	Bypass	Bypass	Bypass	
> Input3	VA-INPUT3	3	~	Bypass	Enable	Bypass	
> Input4	VA-INPUT4	7 (MDX)	~	Enable	Enable	Enable	
> EV1	EV-1	1	~	Bypass	Bypass	Bypass	
> EV2	EV-2	2	~	Bypass	Bypass	Bypass	
> EV3	EV-3	3	~	Bypass	Enable	Bypass	
> EV4	EV-4	4	~	Bypass	Enable	Bypass	
> EV5	EV-5	5	~	Bypass	Enable	Enable	
> EV6	EV-6	6	~	Bypass	Enable	Enable	
> RM1	RM-200M1	1	~	Bypass	Bypass	Bypass	
> BGM1	VA-BGM1	8(BGM)		Enable	Enable	Enable	
> BGM2	VA-BGM2	8(BGM)		Enable	Enable	Enable	
> VM-3000E(1)	E1-LOCALINPUT	4	~	Bypass	Enable	Bypass	
> VM-3000E(2)	E2-LOCALINPUT	5	~	Bypass	Enable	Enable	
> VM-3000E(3)	E3-LOCALINPUT	6	~	Bypass	Enable	Enable	
							TOA

Set the input sound source priorities to be used for general broadcasting.

(1) Input

Displays the VM-3000VA input sound sources (EV1-6 are built-in sound sources).

(2) Name

Displays the names registered in VM-3000VA setting in the system settings (refer to "Audio input settings" on page 23). Note, however, that the names of EV1 to EV6 and VM-3000E (1) to (9) are fixed.

(3) Priority

Sound Source Type	Priority Setting Range	Default
INPUT 1 - 4	1 - 6, 7 (MIX)	6
EV1 - EV6 (built-in sound sources)	1 - 6	6
RM 1 - 4*	1 - 6	6
BGM 1 - 2	8 (BGM)	8 (BGM)
VM - 3000E (1) - (9)	1 - 6	6

Sets general broadcasting sound source priorities. The lower the number, the higher the priority. The priority range possible for a given sound source will differ depending on its type.

* The number of RM remote microphones will change depending on the settings.

See "General Broadcast Priorities" in the separate manual for more information on general broadcast priority settings.

(4) Internal ATT., External ATT., Master Volume

Volume adjustment operation for the internal attenuator (speaker output volume knob), external attenuator, and master volume control will differ depending on the priority levels.

Priority	Internal ATT.	External ATT.	Master volume
1, 2	Bypass	Bypass	Bypass
3, 4	Bypass	Enable	Bypass
5, 6	Bypass	Enable	Enable
7 (MIX)	Enable	Enable	Enable
8 (BGM)	Enable	Enable	Enable

(5) Priority Control

Selects how to assign priority among multiple general broadcast sound sources all set to the same priority level.

Note

It is not possible to specify a different control system for individual sound sources, or for individual priorities.

Available Settings | FIFO (first in first out), LIFO (last in first out, the default)

8.2. Emergency Sound Source Priority Display

Pressing the "Emergency Setting" button on the Priority Settings screen displays the priority level of the input sound source to be used for emergency broadcasts.

Note

Priorities are fixed and cannot be changed.

File	<mark>√-3000 Setting So</mark> (E) Language(<u>L</u>) Co	ftware ommunication(C) Utility(<u>U)</u> Help(<u>H</u>)					
	M-3000	System Surveillance	Priority	Zone Event	Log		Error List
Γ	Priority Setting		_		(5)	Priority Control	
	General Sett	ing Emergency Setting				 FIFO LIFO 	
	📼 Input 🚺	▼ Name (2)	💌 Priority (🏹	🔻 Internal ATT.	💌 External ATT.	💌 Master Volume	
	> RM-300MF/1	RM-300MF1	1	Bypass	Bypass	Bypass	
	> VM-3000VA	Fireman's Microphone	2	Bypass	Bypass	Bypass	
	> EV1	Evacuation EV	4	Bypass	Bypass	Bypass	
	> EV2	Alert EV	5	Bypass	Bypass	Bypass	

(1) Input

Displays the VM-3000VA's emergency broadcast input source.

- "Fireman's Microphone" refers to the VM-3000VA's front panel-mounted emergency microphone.
- •"EV1" and "EV2" are built-in sound sources.

(2) Name

Displays the name of the VM-3000VA's emergency broadcast input sound source. For the RM-300MF, the name registered in the VM-3000VA Settings in the System Settings (refer to page 23; "Audio input settings") is displayed. The names "Fireman's Microphone" and "EV1-2" are fixed.

- "Evacuation EV" is an "Evacuation" message pre-recorded in the VM-3000VA.
- •"Alert EV" is an "Alert" message pre-recorded in the VM-3000VA.

(3) Priority

Indicates the priority level of the emergency sound source. This emergency priority level is fixed. The lower the number, the higher the priority.

Sound Source	Priority Level
Live microphone announcement from RM-300MF/ID1 (RM-300MF assigned to ID1 using the setting software)	1
Fireman's Microphone	2
Live microphone announcement from RM-300MF/ID2 (RM-300MF assigned to ID2 using the setting software)	3
EV 1 (Built-in Evacuation message)	4
EV 2 (Built-in Alert message)	5

(4) Internal ATT., External ATT., Master Volume

Displays the volume adjustment operation status of the internal attenuator (speaker output volume control), external attenuator and master volume control when emergency broadcasts are made. Note that the message volume cannot be adjusted during emergency broadcast.

Sound Source	Internal ATT.	External ATT.	Master Volume
RM-300MF/1 (Microphone announcement)			
Fireman's Microphone			
RM-300MF/2 (Microphone announcement)	Bypassed		
EV 1 (Built-in Evacuation message)			
EV 2 (Built-in Alert message)			

(5) Priority Control

Since the emergency sound source's priorities are fixed, different priorities cannot be set for each emergency sound source.

9. ZONE SETTINGS

Clicking the Menu item "Zone" button displays the Zone Setting screen.

Group multiple speaker lines for the VM-3000VA or VM-3000E and set the group as a broadcast zone. Up to 90 zones can be established.

File	¶VM-3000 Setting Software File(E) Language(L) Communication(C) Utility(L) Help(H)																								
	/M-30	••	System		Surve	eillanc	e	Priori	ty		Zone			vent		• L	og						Error L	ist	
	Zone	e Settini	U	•	Outpu	ıt No.	(2)				F	<mark>})</mark>	electio	on		(4) c	lear			(5)	Defa	ult		
	Zone	e	<mark>(1)</mark> Name	VA-OUTPUT1	VA-OUTPUT2	VA-OUTPUT3	VA-OUTPUT4	VA-OUTPUT5	VA-OUTPUT6	E1-OUTPUT1	E1-OUTPUT2	E1-OUTPUT3	E1-OUTPUT4	E1-OUTPUT5	E1-OUTPUT6	E2-OUTPUT1	E2-OUTPUT2	E2-OUTPUT3	E2-OUTPUT4	E2-OUTPUT5	E2-OUTPUT6				
	▶ 01 02	Zo Zo	ne1 ne2																						
	03 04	Zo Zo	ne3 ne4																						
	05	Zo	ne5									1													
	06	Zo	ne6																						
	07	20 70	ne/ ne8																						
	09	Zo	ne9					1																	
	10	Zo	ne10																						
	11	Zo	ne11																						
	12	Zo	ne12																						
	13	Zo	ne13																						
	14	Zo	ne14	-				-	-						-				-	-					
	15	20	net5 ne16																						
	17	Zo	ne17																						
	18	Zo	ne18																						
	19	Zo	ne19																			~			
																							7 6	TO,	A

(1) Name

Sets the name for the zone.

Available Settings | 16 alphanumeric characters (default name: Zone 1 – 90)

(2) Output setting button

Selects the output to be assigned to each zone.

Available Settings Green: Output selected; Gray: Output not selected

(3) Selection button

Selects all outputs for an arbitrary zone.

Click any desired zone number (leftmost column of the table) to highlight its row. Pressing the "Selection" button in this situation simultaneously selects all outputs in the highlighted row.

(4) Clear button

Clears all outputs selected for an arbitrary zone. Click any desired zone number (leftmost column of the table) to highlight its row. Pressing the "Clear" button in this situation simultaneously deselects all outputs in the highlighted row.

(5) Default button

Selects the speaker output with the same number as the zone number for all zones. (Example. Speaker output 1 is selected for Zone 1, speaker output 2 selected for Zone 2.... similarly for all other zones.) The screen above shows that the "Default" button has been pressed.

10. EVENT SETTINGS

Clicking the Menu item "Event" button displays the Event Settings screen.

T VM-3000 S	Setting Software				
File(E) Lan	guage(_) Communication(C)	Otility(U) Help(H)			
VM-300	System	Surveillance Priority	Zone	Event	Error List
Event S	etting				
	eneral Setting Emerg	ency Setting	1 Key Setting		
VM-3000)VA/VM-3000E VM-3000	DVA 🔽 🎦			
Control Inp	out				
▼ No. → 1	VA-GENERAL-CI1	Function VA-INPUT1	Contents1 Zone1	Contents2 VA-GENERAL-CO1	
÷ 2	VA-GENERAL-CI2	VA-INPUT2	Zone2	VA-GENERAL-CO2 V	
÷ 3	VA-GENERAL-CI3	VA-INPUT3	Zone3	VA-GENERAL-CO3 🗸	
> 4	VA-GENERAL-CI4	EV-1	Zone90	VA-GENERAL-CO4	
* 5	VA-GENERAL-CI5	Power ON/OFF	*		
> 6	VA-GENERAL-CI6	Failure Receipt	*		
* 7	VA-GENERAL-CI7	Failure output reset	*		
	VA-GENERAL-CI8	External failure input	*		

- Pressing the "General Setting" button calls up the screen used to set general control inputs. (Refer to page 48.) Assign functions to the general control inputs for the VM-3000VA or VM-3000E.
- Pressing the "Emergency Setting" button calls up the screen used to set emergency control inputs. (Refer to page 51.) Confirm that the VM-3000VA's Emergency, Evacuation and Alert keys are displayed, then assign a function to each emergency control input for the VM-3000VA and VM-3000E.
- Pressing the "RM Key Setting" button displays the RM key setting screen. (Refer to page 53.) Assign a function to each key of the RM-300MF/RM-320F or RM-200M/RM-210.

10.1. General Control Input Settings

Pressing the "General Setting" button on the Event Setting screen displays the general control input setting screen.

Assign such functions to the general control inputs as broadcast activation and power ON/OFF control. When setting the broadcast activation function, also set the sound source, broadcast zone, and interlocked control output.



(1) VM-3000VA/VM-3000E

Click the box or double-arrow button to select the VM-3000VA or VM-3000E to be set. The display switches to the setting screen for the selected model. (Note that the setting screen for the VM-3000VA is the same as that for the VM-3000E.)

(2) No.

Represents the number of the general control input terminal located on the rear panel of the VM-3000VA or VM-3000E.

(3) Name

Sets the name for the general control input.

Available Settings	16 alphanumeric characters (default name: "VA-GENERAL-CI*" for the VM-
	3000VA and "E#-GENERAL-CI*" for the VM-3000E, in which "#" is an ordinal
	number and "*" is the terminal number.)

(4) Function

Sets the function.

When a sound source is selected, only the sound source with priority level set for 1 - 6 in the general broadcast sound source priority settings (page 42) can be set.

Note

In the case of the VM-3000E having the local input, this function is fixed. (Refer to the next page.)

Available Settings	Disable (default), VA-Input 1 – 4, EV1-6, Power ON/OFF, Failure Receipt, Failure output reset, External failure input

(5) Contents 1

• Used to set broadcast zone when "VA - Input 1 - 4" or "EV1 - 6" has been selected in (4) Function settings.

When a broadcast zone is selected, only the zones registered in the Zone setting (page 46) can be set.

Available Settings	Disable (default), Zone 1 - 90, VA-OUTPUT1-6, E#-OUTPUT1-6 ("#" is an
	ordinal number)

• Cannot be used when "Disable," "Power ON/OFF," "Failure Receipt," "Failure output reset," or "External failure input" has been selected in (4) Function settings.

(6) Contents 2

• Set the control output to be activated in synchronization with broadcasts when "VA - Input 1 - 4" or "EV1 - 6" has been selected in (4) Function settings. The control outputs of the VM-3000VA (refer to page 26; "Control output settings") or the VM-3000E (refer to page 32; "Control output settings") selected in the System settings can be set.

Available Settings	Disable (default), VA-GENERAL-CO* and E#-GENERAL-CO*" in which "#" is an
	ordinal number and "*" is the terminal number.

• Cannot be used when "Disable," "Power ON/OFF," "Failure Receipt," "Failure output reset," or "External failure input" has been selected in (4) Function settings.

[Function setting for the VM-3000E having the local input]

In the case of the VM-3000E having the local input, functions assigned to the unit's individual general control inputs are fixed as follows, and cannot be changed to any other function. General Control Input 1: Allows for broadcasts to the corresponding VM-3000E's OUTPUT 1. General Control Input 2: Allows for broadcasts to the corresponding VM-3000E's OUTPUT 2.

General Control Input 6: Allows for broadcasts to the corresponding VM-3000E's OUTPUT 6. General Control Input 7: Allows for broadcasts to the corresponding VM-3000E's all OUTPUTS 1 - 6. General Control Input 8: Not used

(VM-3000E's General Control Input Setting screen)

VM-3000 Setting Software				
File(F) Language(L) Communication	n(C) Utility(U) Help(H)			
WH 0000				-
System	Surveillance Priority	Zone	Event Log	Error List
Event Setting			_	
General Setting	Emergency Setting	1 Key Setting		
VM-3000VA/VM-3000E	'M-3000E(1) 🔽 🅥			
Control Input				
▼ No. ▼ Name	Function	▼ Contents1	▼ Contents2	
E1-GENERAL-CI1	Local input -> Output1			
2 E1-GENERAL-CI2	Local input -> Output2			
3 E1-GENERAL-CI3	Local input -> Output3			
4 E1-GENERAL-CI4	Local input -> Output4			
5 E1-GENERAL-CI5	Local input -> Output5]		
6 E1-GENERAL-CI6	Local input -> Output6			
7 E1-GENERAL-CI7	Local input -> All			
8 E1-GENERAL-CI8	Reserved			

10.2. Emergency Control Input Settings

Pressing the "Emergency Setting" button on the Event Setting screen displays the emergency control input setting screen.

Set whether or not to use the VM-3000VA's Emergency, Evacuation, and Alert keys.

Assign such functions to the emergency control inputs as broadcast activation function.

When setting the broadcast activation function, also set the sound source, broadcast zones, and interlocked control outputs.



(1) VM-3000VA/VM-3000E

Click the box or double-arrow button to select the VM-3000VA or VM-3000E to be set. The display switches to the setting screen for the selected model. (Note that the setting screen for the VM-3000VA is the same as that for the VM-3000E.)

(2) Emergency Key Functions (Applicable only to the VM-3000VA)

Set the functions of the VM-3000VA's front panel-mounted keys related to emergency broadcasts. Each function of Emergency Start, Evacuation EV, and Alert EV can be switched to ON (indicated green) or OFF (indicated gray) with each click of the radio button.

(3) No.

Represents the number of the emergency control input terminal located on the rear panel of the VM-3000VA or VM-3000E.

Inputs 1 to 5 are contact inputs while Input 6 is a voltage control input to be activated when the polarity of 24 V DC kept being normally applied is reversed.

(4) Name

Sets the name for the emergency control input.

Available Settings	16 alphanumeric characters (default name: "VA-EMERGENCY-CI*" for the VM-
	3000VA and "E#-EMERGENCY-CI*" for the VM-3000E, in which "#" is an ordinal
	number and "*" is the terminal number.

(5) Function

Assigns a function to the emergency control input.

Available Settings	Disable (default), Evacuation EV, Alert EV, Emergency Reset, Amplifier cut off
J J	····· (······, , ····· , ··· , ···· , ··· , ··· , ···· , ···· , ···· , ··· , ··· , ···· , ·· , ·· , ·· , ··· , ··· , ··· , ·· , ·· , ·· , ··· , ·· ,

(6) Contents

- Cannot be used when "Disable" or "Emergency Reset" has been selected in (5) Function settings.
- Used to set broadcast zones or broadcast stop when "Evacuation EV" or "Alert EV" has been selected in (5) Function settings. Only the zones registered in the Zone Settings (page 46) can be set. When "Disable" is selected, the EV message is not broadcast though the system is placed in emergency mode.

Available Settings Disable (default), Zone 1 – 90, STOP

(7) Control Output

- Cannot be set when "Disable," "Emergency Reset," or "Amplifier cut off" has been selected in (5) Function settings.
- If " Evacuation EV" or "Alert EV" has been selected in the Function settings (5), one emergency status output equipped with each VM-3000VA/3000E can be interlocked. Selecting the unit designates the emergency status output to interlock.

Available Settings	Disable (default), All, VM-3000VA, VM-3000E (#)
	("#" is an ordinal number)

10.3. RM Function Key Settings

Pressing the "RM Key Setting" button on the Event Setting screen displays the RM key setting screen. Assign the function to each remote microphone key.

Click the "RM-300MF/RM-200M" selection box or double-arrow button to select the RM-300MF or RM-200M to be set.

VM-3000 Setting Softwa File(E) Language(L) Cor	are nmunication(<u>C</u>)	Utility(U) Help(H)					
VM-3000	System	Surveillance Priority	Zone	Event	Log		Error List
Event Setting							
General Setting	Eme	rgency Setting	M Key Setting				
VM-3000VA	RM-300MF / F	M-200M	1 🔽 🔊 Eme	ergency N	umber of RM-320F	s 2 🔽	
- Emorgoncy PM	_	Namo	- Function	- Contents	.	Next	
 RM-300MF 	. 1	RM300MF/1 1	Emergency Start	• Contents		Contentsz	
>	2	RM300MF/1 2	Evacuation EV				
·	3	RM300MF/1 3	Alert EV		_		
>	4	RM300MF/1 4	Emergency Reset			_	

- If the RM-300MF is selected, the screen for setting its key names will be displayed. (Refer to page 54.) If the "Next" button on this screen is clicked, the screen for setting the RM-320F's key functions will be displayed. (Refer to page 56.)
- If the RM-200M is selected, the screen for setting its key functions will be displayed. (Refer to page 58.) If the "Next" button on this screen is clicked, the screen for setting the RM-210's key functions will be displayed. (Refer to page 60.)

10.3.1. RM-300MF settings

Clicking the "RM-300MF/RM-200M" selection box or double-arrow button on the RM Setting screen to select the RM-300MF to be set displays the screen for setting its key functions.

M-3000 Setting Software				
File(F) Language(L) Communication(L		· · ·	1	
System	Surveillance Priority	Zone Eve	nt Log	Error List
Event Setting				
General Setting	mergency Setting	M Key Setting		
VM-3000VA RM-300MF	/ RM-200M RM-300MF1	Emergen	y Number of RM-320Fs 2	
Emergency RM (2)	• Name (3)	Function	Contents1 (5)	(
> RM-300MF 1	RM300MF/1 1	Emergency Start	(0)	
÷ 2	RM300MF/1 2	Evacuation EV		
· 3	RM300MF/1 3	Alert EV		
<u> </u>	RM300MF/1 4	Emergency Reset		

(1) Number of RM-320Fs

Sets the number of RM-320F remote microphone expansion units. The "Next" button (7) can be used if the number of units is set to 1 or more.



(3) Name

Sets the name for the key.

Available Settings	16 alphanumeric characters (default name: RM300MF/#*, in which "#" is the RM-
	300MF's ID number, and "*" is the key number.

(4) Function

Each key function is fixed as follows.

Key 1: Emergency Start

Key 2: Evacuation EV

Key 3: Alert EV

Key 4: Emergency Reset

Each function can be switched to ON (indicated green) or OFF (indicated gray) with each click of the button.

(5) Contents 1

Cannot be used.

(6) Contents 2

Cannot be used.

(7) Next button

This button can be enabled if "Number of RM-320Fs" (1) is set to 1 or more. Pressing this button moves the display to the screen for setting the functions of the RM-320F's keys. (Refer to the next page.)

10.3.2. RM-320F settings

Pressing the "Next" button on the RM-300MF key function setting screen (page 54) displays the screen for setting the RM-320F's key functions.

(M-3000 Setting S e(F) Language(L)	oftware Communication(Ç) Utility(U) Help(<u>H</u>)					
/M-3000	System	Surveillance Priority	Zone	Event	Log		Error List
Event Setting							
General Set	ting E	mergency Setting	M Key Setting			(1)	
VM-3000VA	RM-300MF	7/RM-200M	1 💌 💓 Emer	rgency N	umber of RM-320F	s 2 🗸	
Emergency RM (2		▼ Name (3)	▼ Function (4)	 Previous Contents1 	(5)	Contents2 (6)	
> RM-320F	1 1	RM300MF/1320/11	Zone Selection	V Zo	ne1 🗸	VM-3000VA	~
•	2	RM300MF/1320/12	Zone Selection	🗸 Zo	ne2 💙	VM-3000E(1)	~
>	3	RM300MF/1320/13	Zone Selection	🗸 Zo	ne3 🗸	Disable	~
>	4	RM300MF/1320/14	Zone Selection	🗸 🚺 Zo	ne4 🗸	Disable	~
>	5	RM300MF/1320/15	Zone Selection	🗸 🚺 Zo	ne5 🗸	Disable	~
>	6	RM300MF/1320/16	Zone Selection	🗸 🚺 Zo	ne6 💙	Disable	~
>	7	RM300MF/1320/17	All Call	~			
>	8	RM300MF/1320/18	Failure Receipt	🗸 📔 Survei	ilance1 🔽		
>	9	RM300MF/1320/19	Failure Receipt	🗸 🛛 Survei	llance2 💙		
>	10	RM300MF/1320/110	Failure output reset	~			

Click the "RM-300MF/RM-200M" selection box or double-arrow button to select the RM-300MF or RM-200M. The display switches to the screen for setting the selected device.

(1) Number of RM-320Fs

It is possible to change the number of RM-320F units set on the RM-300MF setting screen (page 54). Changing the number of units here automatically returns the display to the RM-300MF screen, while allowing the set contents to remain unchanged.

(2) Emergency RM

Displays the remote microphone's model number, ordinal number and key number of the RM-320MF remote microphone being set.



Model number of the remote microphone being set



(3) Name

Sets the name for the key.

Available Settings	16 alphanumeric characters (default name: RM300MF/#320/\$*, in which "#" is the RM-300MF's ID number, "\$" is the ordinal number of the RM-320F and
	"*" is the key number.)

(4) Function

Sets the function to be assigned to the key.

Available Settings	Disable (default) Zone Selection, Failure Receipt, All Call, Failure output reset
Available Octilings	Disable (default), Zone deletion, i andre nedelpt, An dan, i andre duput reset

(5) Contents 1

- Cannot be used when "Disable," "All Call," or "Failure output reset" has been selected in the Function settings (4).
- Used to set broadcast zones when "Zone Selection" has been selected in (4) Function settings. Only the zones registered in the Zone settings (page 46) can be set.

Available Settings	Disable (default), Zone 1 – 90
--------------------	--------------------------------

• Used to set the surveillance group for the failure indicator corresponding to this key when "Failure Receipt" has been selected in (4) Function settings. The detection items are the surveillance items referred to in the Surveillance settings (page 38).



Failure indicator

Available Settings	Surveillance group name
	(default names are Surveillance*, in which "*" is the group number.)

(6) Contents 2

- Can be set when "Zone Selection" has been selected in (4) Function settings.
- Selecting the unit designates the emergency status output to interlock.

Available Settings	Disable (default), All, VM-3000VA, VM-3000E (#)
	("#" is an ordinal number)

(7) Previous button

Pressing this button returns the display to the previous key function setting screen for the RM-320F or the key function display screen for the RM-300MF.

(8) Next button

Pressing this button moves the display to the next key function setting screen for the RM-320F.

10.3.3. RM-200M settings

Clicking the "RM-300MF/RM-200M" selection box or double-arrow button to select the RM-200M to be set displays the screen for setting its key functions.

VM-3000 Setting Soft	tware Communication((2) Utility(U) Help(H)				
	System	Surveillance Priority	Zone E	vent Log		Error List
Event Setting						
General Setting	g Ei	mergency Setting	M Key Setting		(1)	
VM-3000VA	RM-300MF	/RM-200M	Gene	ral Number of RM-	210s 2 🗸	
General RM (2)		v Name (3)	- Function (4)	<u>~ Contents1 (5)</u>	Contents2 (6)	
> RM-200M L	. 1					
2	2			<pre></pre>		
*	3					
·	4			-		
· R	1	RM200M/1 R1	Zone Selection	Zone1	VA-GENERAL-CO1	×
	2	RM200M/1 R2	Zone Selection	Zone2	VA-GENERAL-CO2	
	3	RM200M/1 R3	Zone Selection	Zones		
· · · · · · · · · · · · · · · · · · ·	4	RM200001 R4	Zone Selection	Zones	VA-GENERAL-COS	
>	6	RM200M/1 R6	Zone Selection	Zone6	VA-GENERAL-COE	
	7	RM200M/1 R7	EV Start	EV-1	~	
>	8	RM200M/1 R8	EV Start	EV-2	~	
>	9	RM200M/1 R9	EV Start	EV-3	~	
>	10	RM200M/1 R10	EV Start	EV-4	*	

(1) Number of RM-210s

Sets the number of RM-210 remote microphone expansion units. The [Next] button (7) can be used if the number of units is set to 1 or more.

Available Settings	0 – 4 (default: 0)
--------------------	--------------------

(2) General RM

Displays the model number (RM-200M) and the key number of the remote microphone being set. **Note**

Keys L1 - L4 cannot be used.



Model number of the remote microphone being set.



(3) Name

Sets the name for the key.

Note

Keys L1 – L4 are not used, however only their names can be set.

Available Settings	16 alphanumeric characters (default name: RM200M/#R*, in which [#] is the RM-
	200M's ID number and [*] is the key number.)

(4) Function

Sets the function to be assigned to the key.

Available Settings	Disable (default), Zone Selection, EV Start	
--------------------	---	--

(5) Contents 1

Cannot be used when "Disable" has been selected in the Function settings (4).

Used to set broadcast zones when "Zone Selection" is selected in (4) Function settings. Only the zones registered in the Zone settings (page 46) can be set.

Available Settings Disable (default), Zone 1 – 90

If "EV Start" has been selected in the function setting (4), set the desired EV (electronic voice announcing) message (built-in sound source).

Available Settings | EV-1 to EV-6 (default: EV-1)

(6) Contents 2

Cannot be used when "Disable" and "EV Start" have been selected in the Function settings (4).

If "Zone Selection" has been selected in the Function settings (4), set the control output to be activated.

Available Settings Disable (default), VA-GENERAL-CI 1 - 8 and E#-GENERAL-CI 1 - 8, in which "#" is the ID number.

(7) Next button

This button can be used if "Number of RM-210s" is set to 1 or more.

Pressing this button moves the display to the RM-210 key function setting screen. (Refer to the next page.)

Pressing the "Next" button on the RM-200M key function setting screen (page 58) displays the screen for setting the functions of the RM-210 keys.

VM-3000 Setting Softwar File(F) Language(L) Com	e munication(C)	Utility(U) Help(H)							
VM-3000	System	Surveillance Priority	Zone	Event	Log	-		Error List	
Event Setting General Setting	Eme	rgency Setting	4 Key Setting						
VM-3000VA	RM-300MF / R	M-200M	- Eurotion	eneral (7) (Pr	Number of R	M-210s 2	√ (8) te2 (6)		
RM-210 1	1	RM200M/1210/11	Zone Selection	✓	Zone7	E1-G	ENERAL-CO1	~	
>	2	RM200M/1210/12	Zone Selection	~	Zone8	Y E1-G	ENERAL-CO2	~	
>	3	RM200M/1210/13	Zone Selection		Zone9	✓ E1-G	ENERAL-CO3	~	
>	4	RM200M/1210/14	Zone Selection		Zone10	✓ E1-G	ENERAL-CO4	~	
*	5	RM200M/1210/15	Zone Selection	~	Zone11	Y E1-G	ENERAL-CO5	~	
>	6	RM200M/1210/16	Zone Selection	~	Zone12	E1-G	ENERAL-CO6	V	
>	7	RM200M/1210/17	EV Start	~	EV-1	~			
>	8	RM200M/1210/18	EV Start	~	EV-2	~			
>	9	RM200M/1210/19	EV Start	~	EV-3	~			
>	10	RM200M/1210/110	EV Start	~	EV-4	~	_		
								T T	J,

Click the "RM-300MF/RM-200M" selection box or double-arrow button to select the RM-300MF or RM-200M. The display switches to the screen for setting the selected device.

(1) Number of RM-210s

It is possible to change the number of RM-210 units set on the RM-200M setting screen (page 58). Changing the number of units here automatically returns the display to the RM-200M screen, while allowing the set contents to remain unchanged.

(2) General RM

Displays the remote microphone's model number, ordinal number and the key number of the RM-210 remote microphone being set.



Model number of the remote microphone being set



(3) Name

Sets the name for the key.

Available Settings	16 alphanumeric characters (default name: RM200M/# 210/\$*, in which "#" is the
	RM-200M's ID number, "\$" RM-210's is ordinal number, and "*" is the key number.

(4) Function

Sets the function to be assigned to the key.

|--|

(5) Zone

Cannot be set when "Disable" has been selected in the Function settings (4).

• Used to set broadcast zones when "Zone Selection" is selected in (4) Function settings. Only the zones registered in the Zone settings (page 46) can be set.

Available Settings	Disable (default), Zone 1 – 90
--------------------	--------------------------------

• If "EV Start" has been selected in the Function settings (4), set the desired EV message (built-in sound source).

|--|

(6) Control Output

- Cannot be used when "Disable" or "EV Start" has been selected in the Function settings (4).
- If "Zone Selection" has been selected in the Function settings (4), set the control output to be activated.

Available Settings	Disable (default), VA-GENERAL-CI 1 - 8, E#-GENERAL-CI 1 - 8, in which "#" is
	the VM-3000E's ordinal number.)

(7) Previous Button

Pressing this button returns the display to the previous key function setting screen for the RM-200M or RM-210 unit.

(8) Next Button

Pressing this button moves the display to the next key function setting screen for the RM-210.

11. LOG DISPLAY

Clicking the Menu item [Log] button displays the log screen.

Operation histories recorded in the VM-3000 system can be displayed using setting software. It is also possible to save displayed log data to a PC and read it from the PC. There are two types of log data: one that records all operations (All Log) and one that only records failures (Failure Log). A total of up to 1,000 histories can be recorded for both operation and failure logs, but up to 100 histories out of them can be recorded for failure logs.

1-3000) Setting Soft	ware – VM	3000.vmd						
E) Lai	nguage(<u>L</u>) Com	munication(<u>C</u>)	Utility(<u>U</u>) H	elp(<u>H</u>)					
M-30		System	Surveil	lance Priority	Zone	Event	Log		Error List
_og	(1)		(2)	(3)			(4)		
	/A->PC	Log F	ile Reading	Log File Sav	e		Display	All Lo	g
No.	YYYYY/MM/DD	Time	Mode	Kind	Equipment	Address	Factor	Contents 1	<u>^</u>
61	2008/08/01	10:00:36	Normal	Operation	VA SW			Failure output reset	
62	2008/08/01	10:00:37	Normal	Operation	VA SW			Failure output reset	
63	2008/08/01	10:00:38	Normal	Operation	VASW			Lamp test	
64	2008/08/01	10:00:39	Normal	Operation	VA SW			Lamp test	
65	2008/08/01	10:00:40	Normal	Operation	VA SW			POWER SW	
66	2008/08/01	10:00:41	Normal	Operation	VA SW			POWER SW	
67	2008/08/01	11:00:01	Normal	Operation			Control input1	Zone selection	
68	2008/08/01	11:00:02	Normal	Operation	E		Control input1	Zone selection	
69	2008/08/01	11:00:03	Normal	Operation	E	1	Control input1	EV start	
70	2008/08/01	11:00:04	Normal	Operation	E		Control input1	EV start	
71	2008/08/01	11:00:05	Normal	Operation	E	1	Control input1	Evacuation EV start	
72	2008/08/01	11:00:06	Normal	Operation	E		Control input1	Evacuation EV start	
73	2008/08/01	11:00:07	Normal	Operation	E	1	Control input1	Evacuation EV start	
74	2008/08/01	11:00:08	Normal	Operation	E		Control input1	Alert EV start	
75	2008/08/01	11:00:09	Normal	Operation	E	2	Control input1	Alert EV start	
76	2008/08/01	11:00:10	Normal	Operation	E		Control input2	Alert EV start	
77	2008/08/01	11:00:11	Normal	Operation	E	4	Control input3	Emergency reset	
78	2008/08/01	11:00:12	Normal	Operation	E	5	Control input4	Emergency reset	
79	2008/08/01	11:00:13	Normal	Operation	E	6	Control input5	Emergency output	
80	2008/08/01	11:00:14	Normal	Operation	E	7	Control input6	Emergency output	
81	2008/08/01	11:00:15	Normal	Operation	E	8	Control input7	Fault output	
82	2008/08/01	11:00:16	Normal	Operation	E	9	Control input8	Fault output	
<									>

(1) VA -> PC button

Used to load log data from the VM-3000VA to a PC.

Note

Since this operation is conducted with the VM-3000VA connected to the PC, be sure network settings are performed in advance (page 80). Further, log data transfer operation is required on the VM-3000VA as well. For more information, please read "Configuration Settings" in the separately issued instruction manual.

(2) Log File Reading button

Reads out log data stored in the PC. Press the "Log File Reading" button to select and read the log files stored in the PC.

(3) Log File Save button

Used to save log files to a PC.

Press the "Log File Save" button. As the screen designating the destination to save is displayed, save the log file.

(4) Display button

The display switches between the All Log screen (upper figure) and the Failure Log screen (lower figure) each time this button is pressed.

All Log screen

1-301		System	Surveil	lance Priority	Zone	Event			Error Lis
g									
V	↓-> ₽C	Log F	ile Reading	Log File Sa	ave		Display	All Log	
No.	YYYY/MM/DD	Time	Mode	Kind	Equipment	Address	Factor	Contents 1	2
61	2008/08/01	10:00:36	Normal	Operation	VA SW			Failure output reset	
	2008/08/01	10:00:37	Normal	Operation	VA SW			Failure output reset	
63	2008/08/01	10:00:38	Normal	Operation	VA SW			Lamp test	
64	2008/08/01	10:00:39	Normal	Operation	VA SW			Lamp test	
65	2008/08/01	10:00:40	Normal	Operation	VA SW			POWER SW	
66	2008/08/01	10:00:41	Normal	Operation	VA SW			POWER SW	
68	2008/08/01	11:00:02	Normal	Operation			Control input1	Zone selection	
69	2008/08/01	11:00:03	Normal	Operation	E	1	Control input1	EV start	
	2008/08/01	11:00:04	Normal	Operation			Control input1	EV start	
71	2008/08/01	11:00:05	Normal	Operation	E	1	Control input1	Evacuation EV start	
	2008/08/01	11:00:06	Normal	Operation			Control input1	Evacuation EV start	
73	2008/08/01	11:00:07	Normal	Operation	E	1	Control input1	Evacuation EV start	
	2008/08/01	11:00:08	Normal	Operation			Control input1	Alert EV start	
75	2008/08/01	11:00:09	Normal	Operation	E	2	Control input1	Alert EV start	
76	2008/08/01	11:00:10	Normal	Operation			Control input2	Alert EV start	
77	2008/08/01	11:00:11	Normal	Operation	E	4	Control input3	Emergency reset	
78	2008/08/01	11:00:12	Normal	Operation			Control input4	Emergency reset	
79	2008/08/01	11:00:13	Normal	Operation	E	6	Control input5	Emergency output	
	2008/08/01	11:00:14	Normal	Operation			Control input6	Emergency output	
81	2008/08/01	11:00:15	Normal	Operation	E	8	Control input7	Fault output	
	2008/08/01	11:00:16	Normal	Operation			Control input8	Fault output	
78 79 80	2008/08/01 2008/08/01 2008/08/01	11:00:12 11:00:13 11:00:14	Normal Normal Normal	Operation Operation Operation	E E E E	5 6 7	Control inputs Control inputs Control inputs	Emergency reset Emergency output Emergency output	
81	2008/08/01	11:00:15	Normal	Operation	E	8	Control input7	Fault output	
	2008/08/01	11:00:16	Normal	Operation	E	9	Control input8	Fault output	

Failure Log screen

-000		System	Surveil	lance Priorit	y Zone	Event	Log	Erro	or Lis
ı Vi	4->PC	Log Fi	ile Reading	Log File S	Save		Display	Failure Log	
No.	YYYY/MM/DD	Time	Mode	Kind	Equipment	Address	Factor	Contents 1	
77	2008/08/01	09:21:07	Normal	Failure	RM	1	RM-VA	Communication abnormality	
	2008/08/01	09:21:08	Normal	Failure	RM		RM-VA	Communication abnormality	
79	2008/08/01	09:21:09	Normal	Failure	RM	1	RM-VA	AudioLine abnormality	
80	2008/08/01	09:21:10	Normal	Failure	RM		RM-VA	AudioLine abnormality	
	2008/08/01	09:21:11			RM			Power abnormality	
82	2008/08/01	09:21:12	Normal	Failure	RM	4	Power	Power abnormality	
83	2008/08/01	09:31:01	Normal	Failure	External amplif		External amplif	AudioLine abnormality	
84	2008/08/01	09:31:02	Normal	Failure	External amplif		External amplif	AudioLine abnormality	
85	2008/08/01	09:31:03	Normal	Failure	External amplif		External amplif	DC fuse abnormality	
86	2008/08/01	09:31:04	Normal	Failure	External amplif		External amplif	DC fuse abnormality	
87	2008/08/01	09:31:05	Normal	Failure	External amplif		External amplif	Overheating	
88	2008/08/01	09:31:06	Normal	Failure	External amplif		External amplif	Overheating	
89	2008/08/01	09:31:07	Normal	Failure	External amplif		Changeover	Standby amplifier changeover	
90	2008/08/01	09:31:08	Normal	Failure	External amplif		Changeover	Standby amplifier changeover	
91	2008/08/01	09:41:01	Normal	Failure	Standby amplif		Standby amplif	AudioLine abnormality	
	2008/08/01	09:41:02	Normal	Failure	Standby amplif		Standby amplif	AudioLine abnormality	
93	2008/08/01	09:41:03	Normal	Failure	Standby amplif		Standby amplif	DC fuse abnormality	
	2008/08/01	09:41:04	Normal	Failure	Standby amplif		Standby amplif	DC fuse abnormality	
95	2008/08/01	09:41:05	Normal	Failure	Standby amplif		Standby amplif	Overheating	
96	2008/08/01	09:41:06	Normal	Failure	Standby amplif		Standby amplif	Overheating	
97	2008/08/01	09:41:07	Normal	Failure	Standby amplif		Changeover	Standby amplifier changeover	
	2008/08/01	09:41:08	Normal	Failure	Standby amplif		Changeover	Standby amplifier changeover	

12. ERROR LIST DISPLAY

Pressing the Menu item "Error List" button displays the error list screen that shows errors and other discrepancies detected in the set data. By displaying the settings correction screen, individual data can be corrected or all data corrected at once.

VM-3 0	000 Setting Software								
File(<u>F</u>)	Language(L) Communication(C) U	tility(<u>U)</u> Help(<u>F</u>	-) 						
VM-8	System	Surveilland	e Priority	Zone	Event	Log	•	(Error List
Error	List						(2)	Auto Repair	
No.	Message	Menu1	Menu2	Unit	RM	Extension RM	Position	Data	Jump (T
	The output line is not set to the zo	Event	General Sett	VM-3000VA			Control Input4	Zone1	Jump
	The output line is not set to the zo	Event	General Sett	VM-3000VA			Control Input5	Zone2	Jump
3	The output line is not set to the zo	Event	General Sett	VM-3000VA			Control Input6	Zone3	Jump
	The output line is not set to the zo	Event	Emergency	VM-3000VA			Control Input1	Zone1	Jump
5	The output line is not set to the zo	Event	Emergency	VM-3000VA			Control Input2	Zone2	Jump
	The output line is not set to the zo	Event	Emergency	VM-3000VA			Control Input3	Zone3	Jump
7	The output line is not set to the zo	Event	RM Key Setti	VM-3000VA	RM-300MF/1	RM-320F/1	Key1	Zone1	Jump
	The output line is not set to the zo	Event	RM Key Setti	VM-3000VA	RM-300MF/1	RM-320F/1	Key2	Zone2	Jump
9	The output line is not set to the zo	Event	RM Key Setti	VM-3000VA	RM-300MF/1	RM-320F/1	Key3	Zone3	Jump
	The output line is not set to the zo	Event	RM Key Setti	VM-3000VA	RM-200M/1	RM-210/1	Key1	Zone1	Jump
11	The output line is not set to the zo	Event	RM Key Setti	VM-3000VA	RM-200M/1	RM-210/1	Key2	Zone2	Jump
12	The output line is not set to the zo	Event	RM Key Setti	VM-3000VA	RM-200M/1	RM-210/1	Key3	Zone3	Jump
								ļ	T TC

(1) Jump button

The display switches to the settings correction screen and all data that require correction are displayed in gray.

Press the "Error List" button again to return to the original error list screen after the correction is completed.

(2) Auto Repair button

Used to automatically correct all displayed data at once.

Press this button if simultaneous correction is found to be possible after confirming each data item by pressing the "Jump" button. This button is convenient when multiple identical errors (example: incorrect settings for the number of RM-200M units) are displayed in the list.

Note

If errors of different causes exist together, unexpected items could also be automatically corrected. In such cases, correct each data item manually using the "Jump" button.

13. MENU ITEM OPERATIONS FROM THE MENU BAR

13.1. Creating a New Setting File

Abandon the currently-set data and create a new one.

Note

When creating a new file partway through a setting, save the data being set as required. (Refer to "Saving Set Files" on page 69.) Creating a new file without saving causes the data that was edited just before the start of new file creation to be deleted.

Step 1. Select [File \rightarrow New] from the menu bar of the Setting Software screen.



A confirmation dialog will be displayed.



Step 2. Click the "Yes" button.

Currently-set data will be initialized.

Note: Pressing the "No" button returns the display to the currently-displayed setting screen.

The following screen is displayed after completion of initialization.

👔 Informa	tion	
Q	The setting data was initialized.	
	ок	

Pressing the "OK" button displays the screen for new setting file creation.

13.2. Loading Set Files

Load the PC-stored set data file into the setting software.

Step 1. Select [File \rightarrow Open] from the menu bar of the Setting Software screen.



A dialog for opening the set file will be displayed.

Please select t	he opening file.						? 🔀
Look jn:	🚞 data		~	G	ا 💋	• 📰 🏓	
My Recent Documents	VM3000.vmd						
Desktop My Documents							
My Computer							
	File <u>n</u> ame:	VM3000.vmd				*	<u>Open</u>
My Network	Files of <u>type</u> :	VM-3000 Setting [Data File (*.vmd)			*	Cancel

Step 2. Select the desired file and click the "Open" button. Loading of the selected set file will begin.

The following screen is displayed after completion of loading.



Step 3. Press the "OK" button.

The current display switches to the screen for the loaded file.

13.3. Saving Set Files

Output the software-edited data in data format (.vmd) to be used in the VM-3000 system.

13.3.1. Overwriting an existing file

Step 1. Select [File \rightarrow Save] from the menu bar of the Setting Software screen.

T V	M-3000 Setting S	ioft	ware								X
File	🕞 Language(L)	С	ommunication(C)	Utility(U) Hel	pШ						
	New(N) Ctrl+N							_			
	Open(O) Ctrl+O		System	Surveillance	Briority	Zono	Event	Log	-	Error List	
	Save As(A)		System		Phoney	ZUne	Lvein	LUU		EITOI LIST	
	Data Output(P)		oy amplifier : Not u	used 🔽 Nur	nber of VM-3000Es	2 🗸	External ATT.	Notused	End of line	Not used 🗸 🗸	
	ExitON										
		_		RM-200M2	RM-300MF1				VA-OUTPUT1		
		ID	ID 2	ID 1		VM-3000VA		VA-OUTPUT2			
				PH 200112					VA-OUTPUT3		
				ID 3	ID 1	_	J	0.0.0	VA-OUTPUT4		
				<u></u>							
									VA-OUTPUT6		
									E1-OUTPUT1		
									E1-OUTPUT2		
		RM BOX			VM-3000E	VM-3000E/1	3000E/1				
							and a constant	000			
			PM BOX								
			RM-300MF			VM-3000E/2					
								E1-OUTPUT6			
								E2-OUTPUT1			
	RM-20							E2-OUTPUT2			
		-200M					E2-OUTPUT3				
					000	0.0.0	E2-OUTPUT4				
									E2-OUTPUT5		
									E2-OUTPUT6	~	
											A

The currently-opened file is overwritten and saved.

The following screen is displayed after save completion.



Step 2. Press the "OK" button.

The display returns to the currently displayed screen.

Step 1	. Select [File	e → Save	As] from	the menu	bar of the	Setting	Software scr	een.
--------	----------------	----------	----------	----------	------------	---------	--------------	------

M-3000 Setting S	oftware				
File(F) Language(L)	Communication(C) Utility(U) H	elp(H)			
New(N) Ctrl+N Open(O) Ctrl+O Save(S) Ctrl+S Save As(A) Save As(A)	System Surveillance	Priority Zone	Event Log		Error List
Date Output/P)	by amplifier : Not used 🛛 🗸 🛛	umber of VM-3000Es 2	External ATT, Not used	End of line Not	used 🗸
Exit(X)	RM-200M2	RM-300MF1		VA-OUTPUT1	
	ID 2 📄	ID 1 📑	VM-3000VA	VA-OUTPUT2	
	·····			VA-OUTPUT3	
	RM-200M3	RM-200M1	1.5 A	VA-OUTPUT4	2
	LID 3				-9
				E1-OUTPUT1	-40
			VM-3000E/1	E1-OUTPUT2	
			" marel	E1-OUTPUT3	6
		LOCAL	000000	E1-OUTPUT4	- A A A A A A A A A A A A A A A A A A A
	RM BOX			E1-OUTPUT5	Ä
				E1-OUTPUT6	
	RM-300MF				
					-40
			VM-3000E/2	E2-OUTPUT2	
	RM-200M		· accent	E2-OUTPUT3	-40
		INPUT	0.000.000	E2-OUTPUT4	
				E2-OUTPUT5	
				E2-OUTPUT6	

A dialog for designating the destination for the set file will be displayed.

Please select the preserved file.							
Savejn:	🚞 data		~	G 🦻	• 🖽 🍤		
My Recent Documents	VM3000.vmd						
Desktop							
My Documents							
My Computer	File <u>n</u> ame:	VM3000.vmd			~	<u>S</u> ave	
My Network	Save as type:	VM-3000 Setting Data File (*	.vmd)		*	Cancel	

Step 2. Assign a filename. (Default name: VM3000.vmd)

Note

When changing the filename, be sure to include the correct filename extension (vmd). (Example: Set file.vmd)

Step 3. Click the "Save" button.

The following screen is displayed after save completion.



Step 4. Press the "OK" button.

The display returns to the currently displayed screen.

13.4. Printing Set Data

Print the set data.

Step 1. Select [File \rightarrow Data Output \rightarrow Print Setting Data] from the menu bar of the Setting Software screen.



The print preview for the set data will be displayed.



The print preview of the system configuration shown at left is printed, followed by a list showing the set content (its previewed screen is omitted).
Step 2. Click the printer icon.

The print setting screen will be displayed.



Step 3. Perform printing setting, then print the set data.

The display returns to the currently displayed screen after print completion.

13.5. Exporting Printed Data in CSV Format

It is possible to output set data as a CSV format file for use in spreadsheet programs such as Microsoft Excel.

Step 1. Select [File \rightarrow Data Output \rightarrow CSV Output] from the menu bar of the Setting Software screen.



A dialog for designating the destination for the set file is displayed.

Please select th	ne preserved fil	e.						[?×
Savejn:	🚞 data		*	G	ø	Þ	•		
My Recent Documents									
Desktop									
My Documents									
My Computer									
	File <u>n</u> ame:	VM3000.csv				*		<u>S</u> a	ve
My Network	Save as type:	VM-3000 Setting Data CSV Fil	le (*.cs	:v)		~		Car	icel

Step 2. Assign a filename. (Default name: VM3000.csv)

Note

When changing the filename, be sure to include the correct filename extension (csv). (Example: Set file.csv)

Step 3. Click the "Save" button.

The following screen is displayed after save completion.



Step 4. Press the "OK" button.

The display returns to the currently displayed screen.

13.6. Printing Remote Microphone Labels

Remote microphone labels can be designed and printed.

Print the label for the name assigned to the remote microphone key currently being set using the setting software.



Step 1. Select "File \rightarrow Data Output \rightarrow RM Label" from the menu bar of the Setting Software screen.



The print preview for the printed labels of all connected remote microphones is displayed.

😸 Print p	eview								Print prev	view						
🖨 🔎 • 🛛		Close				Pag	ge 1 😂	a .	₽ - 🗖	•	Isse ⊆lose				<u>P</u> age	
ſ	VM-3000VA RM-300MF/1	VM-3000VA RM-300MF/1 RM-320F/1	VM-3000VA RM-300MF/1 RM-320F/1	VM-3000VA RM-300MF/1 RM-320F/2	VM-3000VA RM-300MF/1 RM-320F/2					VM-3000VA RM-200M/1	VM-3000VA RM-200M/1	VM-3000VA RM-200M/1 RM-210/1	VM-3000/A RM-200M/1 RM-2102	VM-3000VA RM-200M/1 RM-210.0		
	RM-300ME/U			RM-320F/2	FM-320F/2					TRM-200M/1	[]]R.M-2000//[]]	100-210/1	K@-2102	HM-2103		
	POWER	VA300MF/1320/ 11	VA300MF/1320/ 111	VA300MF/1320/ 21	VA300M F/1320/ 211					POWER	VA200M/1 R1	VA200M/1210/1	VA200M/1210/2	VA200M/1210/3		
	COM FAULT	VA300MF/1320/ 12	VA300MF/1320/ 112	VA300M F/1320/ 22	VA300M F/1320/ 212					COM FAULT	VA200M/1 R2	VA200M/1210/1	VA200M/1210/2	VA200M/1210/3		
	CPUOFF	VA300MF/1320/ 13	VA300MF/1320/ 113	VA300MF/1320/ 23	VA300MF/1320/ 213						VA200M/1 R3	VA200M/1210/1	VA200M/1210/2	VA200M/1210/3		
		VA300MF/1320/	VA300MF/1320/	VA300MF/1320/	VA300M F/1320/						VA2008/1 R4	VA200M/1210/1	VA200M/1210/2	VA200M/1210/3		
	VA300MIF/12	VA300MF/1320/	VA300MF/1320/	VA300M F/1320/	VA300M F/1320/						VA2008/1 R5	VA200M/1210/1	VA200M/1210/2	VA200M/1210/3		
	VA300M F/1 3	VA300MF/1320/	VA300MF/1320/	VA300M F/1320/	VA300M F/1320/						VA2008/1 86	5 VA200M/1210/1	5 VA200M/1210/2	5 VA200M/1210/3		
		10 VA300MF/1320/	VA300MF/1320/	20 VA300M F/1320/	216 VA300M F/1320/						VACTOR/1 R7	6 VA200M/1210/1	6 VA200M/1210/2	6 VA200M/1210/3		
	VA300M F/1 4	17 VA300MF/1320/	117 VA300M F/1320/	27 VA300M F/1320/	217 VA300M F/1320/							7 VA200M/1210/1	7 VA200M/1210/2	7 VA200M/1210/3		
	TALK	18 VA300M F/1320/	118 VA300MF/1320/	28 VA300M F/1320/	218 VA300M F/1320/						VA200M/1 R8	8 W#200M/0210/0	8 VA200M (1210/2	8		
	li	19 VA300ME/1320/	119 VA300ME/1320/	29 VA300ME/0320/	219 VA300ME(1320/						VA200M/1 R9	9	9	9		
		110	120	210	220						VA200M/1 R 10	10	10	10		

Step 2. Click the printer icon. The print setting screen will be displayed.

🔡 Print p	oreview		
₽ •	••••	IIII <u>⊂</u> lose	
$\overline{}$			
	VM-3000VA RM-300MF/1	VM-3000VA RM-300MF/1 RM-320F/1	VM-3000VA RM-300MF/1 RM-320F/1
	POWER	R M-320F7(VA300M F/1320/ 11	RM-320F/(VA300MF/1320/ 111

Step 3. Perform print settings and print out the page.

Notes

- Depending upon the type of printer used, the printed results of the output area or label width may differ.
- Use paper less than 0.2 mm thick.

The display returns to the currently displayed screen after print completion.

13.7. Exiting Setting Software

Exit the setting software after completing all settings and required file output production.

Select "File \rightarrow Exit" from the menu bar of the Setting Software screen.



If the set data has not been saved, the following dialog is displayed.



Pressing the "Yes" button displays a dialog for saving the set data. Assign a filename and save the data. (Refer to "Saving Set Files" on page 69.)

If the "No" button is pressed, the setting software is terminated without saving the set data.

Pressing the "Cancel" button returns the display to the currently displayed screen.

13.8. Selecting the Setting Software Display Language

It is possible to select the language to be used for displaying the setting software.

Step 1. Select "Language \rightarrow Select" from the menu bar of the Setting Software screen.



The language selection screen is displayed.



Step 2. Select the desired language.

The display switches to the selected language.

Step 3. Click the "Close" button.

13.9. Network Settings between Setting Software and VM-3000VA

Perform network settings (IP address settings) necessary for communication between the setting software and the VM-3000VA.

Note

Be sure to perform this setting in advance when transferring data between the VM-3000VA and a PC.

Step 1. Select "Communication \rightarrow Network Setting" from the menu bar of the Setting Software screen.

VM-3000 Setting Software						
File(E) Language(L) Communication(C) Utility(U)	Help(<u>H</u>)					
Setting Data : VA->PC(D)				-		_
Notwork Setting (II)	Priority	Zone Event	Log		Error List	
Network Setting(N			,			-
System Type Standby amplifier : Not used 💙	Number of VM-3000Es	2 💙 External	ATT. Not used	End of line	Not used 🗸 🗸	
				VA-OUTPUT1		
RM-200M2	RM-300MF1			VA-OUTPUT2		
		VM-3000VA	00000	VA-OUTPUT3		
RM-200M3	RM-200M1	.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
ID 3 🕞	ID 1					
				VA-OUTPUT6		
				E1-OUTPUT1		
		VM-3000E/1	 	E1-OUTPUT2		
			waren 1	E1-OUTPUT3		
			00000	E1-OUTPUT4		
RM BOX 📃 🗆 🛛				E1-OUTPUT5		
]			E1-OUTPUT6		
RM-300MF				E2-OUTPUT1		
]	VM-3000E/2				
RM-200M			200000			
		INPUT				
				E2-OUTPUT6		
						J/A

The network setting screen is displayed.

Network Setting	
IP Address	192.168141
ок	Cancel

Step 2. Set the VM-3000VA's IP address. (Default IP address: 192.168.14.1) For details, please contact a network administrator.

Step 2. Click the "OK" button.

The display reverts to the original screen.

To cancel the setting, click the "Cancel" button.

Note

The following dialog is displayed if connections between the VM-3000VA and the PC are not correctly made or if the network setting is not correctly performed. In such cases, click the "OK" button and correctly reconnect the VM-3000VA to the PC or remedy the incorrect network setting.



13.10. Transferring Data Edited by PC between the VM-3000VA and a PC

Data edited with a PC can be written into the VM-3000VA or the same data written into the VM-3000VA can be loaded into the PC.

Notes

- Data edited using the VM-3000VA's LCD screen cannot be transferred. Only the data that has been set using the PC setting software can be transferred.
- To use this function, be sure to perform network settings in advance (page 80).
- To transfer set data, the setting software must be operated. Also, operations for transferring the set data are required on the VM-3000VA side with a PC connected to the VM-3000VA. (For details, please read the separately issued instruction manual.)

The following are operations based on the setting software.

13.10.1. Loading set VM-3000VA data into a PC

Select "Communication \rightarrow Setting Data: VA->PC" from the menu bar of the Setting Software screen.



The transferred setting content is displayed on the current setting screen when the data has been transferred. In this event, the VM-3000VA's LCD screen displays as follows:



13.10.2. Writing PC-edited data into the VM-3000VA

Select "Communication \rightarrow Setting Data: PC->VA" from the menu bar of the Setting Software screen.



Currently displayed set data is written into the VM-3000VA.

The VM-3000VA's LCD screen displays as follows when the data has been transferred.



13.11. Transferring EV Message Files between the VM-3000VA and a PC

EV message files to be used by the VM-3000VA can be written into the VM-3000VA from a PC or loaded into the PC from the VM-3000VA.

Notes

- This function is independent from the set data transfer function (page 82).
- To use this function, be sure to perform network settings in advance (page 80).
- To transfer set data, the setting software must be operated. Also, operations for transferring the set data are required on the VM-3000VA side with a PC connected to the VM-3000VA. (For details, please read "Configuration Settings" in the separately issued instruction manual.)

13.11.1. EV file registration screen transfer operation

Select "Utility \rightarrow EV" from the menu bar of the Setting Software screen.



The EV message file registration screen is displayed. All fields on the EV screen are empty.

LV	(3)	(4)		(5)	Close (6) (7)
	▼ EV	File Select		💌 Play / Stop	🗴 PC -> VM-3000VA 🛛 Size
> General	EV-1		Reference		Delete
>	EV-2		Reference		Delete
>	EV-3		Reference		Delete
>	EV-4		Reference		Delete
>	EV-5		Reference		Delete
*	EV-6		Reference		Delete
(2)					
> Emergency	Evacuate EV		Reference		Delete
>	Alert EV		Reference		Delete
VM-30d	10VA -> PC		Save	(8) ▼ Total Size 0 KB	

Shown below are explanations of each indication on the screen (buttons are excluded from this explanation):

- (1) General: General broadcast message
- (2) Emergency: Emergency broadcast message
- (3) EV: The EV message number or its name
- (4) File Select: If the message is registered in the PC, the message filename is displayed.
- (5) Play/Stop: If the message is registered, both the "Play" and "Stop" buttons are displayed.
- (6) PC>VM-3000VA: Registering the message displays the transfer button. (The delete button is displayed when the message is not registered.)
- (7) Size: Displays the size of each message file.
- (8) Total Size: Shows the sum of all registered message files.
 Note
 The maximum total size of EV message files that can be used with the VM-3000VA is 60 MB.

The function of each button is explained as follows on the assumption that EV messages have been registered in a PC.

🚮 EV					
					(10)
					Close
			(2)	(2) - (4) (5)	
	V EV	File Select	(4)		V PC -> VM-3000VA V Size
> General	EV-1	VMEVMSG1.WAV	Reference	Reset	PC -> VM-3000VA (6)516 KB
>	EV-2	VMEVMSG2.WAV	Reference	Reset	PC -> VM-3000VA 492 KB
>	EV-3	VMEVMSG3.WAV	Reference	Reset	PC -> VM-3000VA 486 KB
>	EV-4		Reference		Delete (7)
>	EV-5		Reference		Delete
>	EV-6		Reference		Delete
> Emergency	Evacuate EV	VMEVEMG1.WAV	Reference	Reset	PC -> VM-3000VA 399 KB
>	Alert EV	VMEVEMG2.WAV	Reference	Reset	PC -> VM-3000VA 389 KB
		(8)	(9)	🔻 Total Size	
And		AL 3000VA	Savo	2 285 KB	
010	-3000VA-2 PC-2	M-3000VA	3446	2,200 10	

(1) "VM-3000VA->PC" button

Reads the VM-3000VA's registered EV message files into the PC's message file registration screen.

After reading is complete, the indication as shown above is displayed. In this event, the indication shown at right is displayed on the VM-3000VA's LCD screen.

TRANSMITTING COMPLETE

(2) "Reference" button

Registers the EV message files in the PC's message file registration screen. Pressing this button displays a message file selection dialog.



Designate the folder in which the message files are stored and select the message file(s) to be used.

Notes

- Only WAV-format PCM 48kHz monaural files can be used for EV messages.
- Any filename can be assigned to an EV message. However, if any message file is transferred to the VM-3000VA and then read into a PC, its filename is automatically changed to the default name as follows:

General EV message 1:	VMEVMSG1.WAV
General EV message 2:	VMEVMSG2.WAV
General EV message 3:	VMEVMSG3.WAV
General EV message 4:	VMEVMSG4.WAV
General EV message 5:	VMEVMSG5.WAV
General EV message 6:	VMEVMSG6.WAV
Evacuation message:	VMEVEMG1.WAV
Alert message:	VMEVEMG2.WAV

(3) "Reset" button

Deletes the EV message file registered in the PC.

(4) "Play" button

Play backs the EV message(s) registered in the PC. The message(s) can be heard by means of the PC speaker or headphones connected to the PC.

(5) "Stop" button

Stops the EV message played back using the "Play" button (4).

(6) "PC->VM-3000VA" button

Transfers individual EV message files to the VM-3000VA.

Note

If an EV message file with the same message number already exists in the VM-3000VA, it will be overwritten.

(7) "Delete" button

This button is displayed when there is no message file on the message file registration screen (i.e. when the [File Select] box is blank).

Pressing this button causes this EV message number file to be deleted from the VM-3000VA. **Note**

To delete message files read into the screen, first press the "Reset" button to delete the message from the registration screen, then press the "Delete" button.

(8) "PC->VM-3000VA" button

Simultaneously transfers all EV message files registered on this screen to the VM-3000VA.

Attention!

Transferring no audio file registered on the screen will erase all existing audio files in the VM-3000VA. The following indication is displayed on the VM-3000VA's LCD screen after transfer completion.

(9) "Save" button

Saves all EV message files registered on this screen to the folder designated by the PC. Pressing this button displays the folder selection dialog.



Select the folder the files are to be saved to, then click the "OK" button.

(10) "Close" button

Closes the message file registration screen.

13.11.2. Simultaneous EV message registration

[When no EV message files are registered in the VM-3000VA (default setting)]

- Step 1. Press the "Reference" button. Select the EV message file from those stored in the PC, then its filename is displayed in the "File Select" field on the setting screen.
- Step 2. Display all message files to be registered on the PC setting screen.
- Step 3. Press the "PC->VM-3000VA" button located in the lower part of the screen. This allows all EV message files displayed on the screen to be read into the VM-3000VA at once.

[When the EV message file has already been registered in the VM-3000VA (registration by overwriting)]

- Step 1. Press the "VM-3000VA->PC" button located in the lower part of the screen. The EV message files registered in the VM-3000VA are loaded into the PC's setting screen.
- Step 2. Edit and update the message file(s) to be changed.
- Step 3. Press the "PC->VM-3000VA" button located in the lower part of the screen. All EV message files displayed on the screen are simultaneously read into the VM-3000VA.

13.11.3. Individual EV message file registration

- Step 1. Press the "VM-3000VA->PC" button located in the lower part of the screen. The EV message files registered in the VM-3000VA are loaded into the PC's setting screen.
- Step 2. Edit and update the message file to be changed.
- **Step 3.** Press the individual "PC->VM-3000VA" button for the updated EV message file. The message file is individually written into the VM-3000VA.

13.11.4. Individual EV message file erasure

- Step 1. Press the "VM-3000VA->PC" button. The EV message files registered in the VM-3000VA are loaded into the PC's setting screen.
- Step 2. Press the "Reset" button for the EV message file. The EV message file is deleted from the PC's setting screen.
- Step 3. Press the "Delete" button. The EV message file is deleted from the VM-3000VA.

13.12. Setting Software Version Display

The version of the setting software can be displayed.

Step 1. Select "Help \rightarrow Version" from the menu bar of the Setting Software screen.



The setting software's version is displayed.



Step 2. Click the "Close" button.

