

SETTING SOFTWARE INSTRUCTIONS

# **INTEGRATED VOICE EVACUATION SYSTEM**

# VM-3000 Series

VOICE ALARM SYSTEM AMPLIFIER 240W VM-3240VA VM EXTENSION AMPLIFIER 240W VM-3240E REMOTE MICROPHONE RM-200M

# for Mass Notification Installations

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.

**TOA** Corporation

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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.

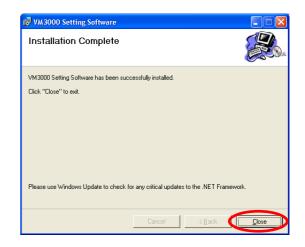
😽 VM3000 Setting Software	
Select Installation Folder	
The installer will install VM3000 Setting Software to the following folder. To install in this folder, click "Next". To install to a different folder, enter it below	v or click "Browse".
Eolder: C-VProgram Files\TOA Corporation\VM3000\VM3000 Setting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

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 succe	ssfully removed.		
Click "Close" to exit.			
(	Cancel	< <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 Framework.				
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.

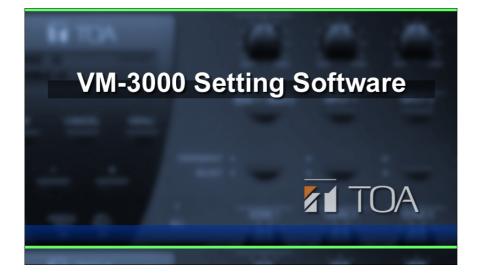
Start menu

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

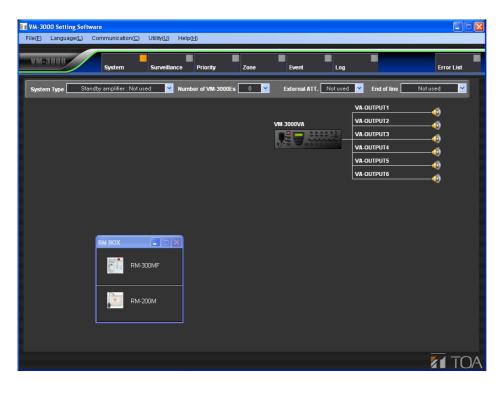


Shortcut icon on the desktop

Activating the software displays the following splash screen.



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



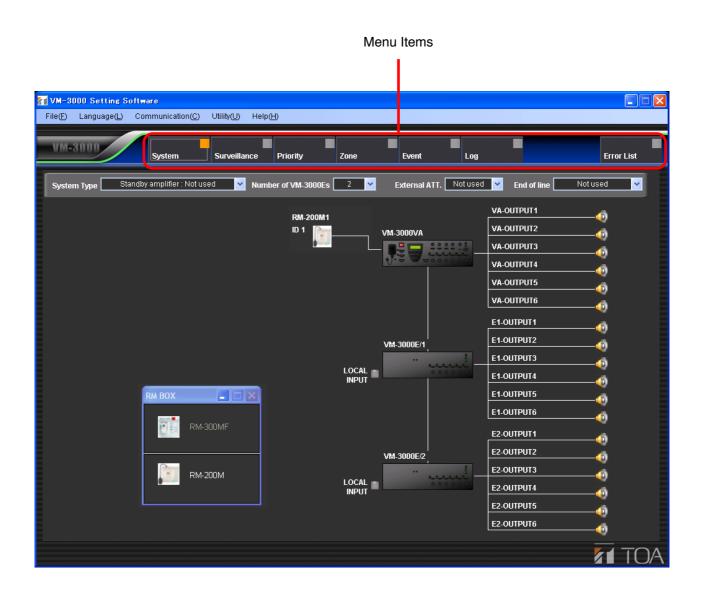
### **5. SETTING ITEMS**

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)	Sets a system configuration. Use this item as set by default "Standby amplifier: Not used."
		Number of VM-3000Es	(p. 16)	Sets the number of extension amplifiers.
		- RM-200M	(p. 17)	Sets the connection format for the RM-200M general use remote microphones.
		 - VM-3000VA	(p. 18)	Sets the names of the audio inputs, audio outputs, control inputs, and control outputs for the VM-3240VA.
		VM-3000E	(p. 25)	Sets the names of the audio outputs, control inputs, and control outputs for the VM-3240E.
		Local Input	(p. 31)	Sets the local input.
Surveillance	(p. 32)	 Time/Interval Setting	(p. 33)	Sets the time and interval for specific surveillance items.
		- Surveillance Group Setting	gs(p. 34)	Allocates surveillance items into up to 64 groups.
Priority	(p. 37)	General Setting	(p. 38)	Sets sound source priorities for general broadcasting.
		Emergency Setting	(p. 40)	Displays the priority setting status of emergency broadcasting sound sources.
Zone	(p. 42)	 - Zone Setting	(p. 42)	Sets broadcast zones.
Event	(p. 43)	 General Setting	(p. 44)	
Event	(p. 43)	General Setting	(p. 44) (p. 44)	Sets general broadcast control input functions for the VM-3240VA.
Event	(p. 43)			
Event	(p. 43)		(p. 44)	VM-3240VA. Sets general broadcast control input functions for the
Event	(p. 43)	VM-3000VA VM-3000E	(p. 44) (p. 44)	VM-3240VA. Sets general broadcast control input functions for the
Event	(p. 43)	VM-3000VA VM-3000E Emergency Setting	(p. 44) (p. 44) (p. 47)	VM-3240VA. Sets general broadcast control input functions for the VM-3240E. Sets the front panel-mounted emergency broadcast key's functions, and emergency control input functions
Event	(p. 43)	VM-3000VA     VM-3000E     Emergency Setting     VM-3000VA	(p. 44) (p. 44) (p. 47) (p. 47)	VM-3240VA. Sets general broadcast control input functions for the VM-3240E. Sets the front panel-mounted emergency broadcast key's functions, and emergency control input functions for the VM-3240VA. Sets the emergency control input functions for the VM-
Event	(p. 43)	VM-3000VA     VM-3000E     Emergency Setting     VM-3000VA     VM-3000VA     VM-3000E	(p. 44) (p. 44) (p. 47) (p. 47) (p. 47)	VM-3240VA. Sets general broadcast control input functions for the VM-3240E. Sets the front panel-mounted emergency broadcast key's functions, and emergency control input functions for the VM-3240VA. Sets the emergency control input functions for the VM-
Event	(p. 43)	VM-3000VA           VM-3000E           Emergency Setting           VM-3000VA           VM-3000VA           VM-3000VA           VM-3000VA           RM Key Setting	(p. 44) (p. 44) (p. 47) (p. 47) (p. 47) (p. 47)	<ul> <li>VM-3240VA.</li> <li>Sets general broadcast control input functions for the VM-3240E.</li> <li>Sets the front panel-mounted emergency broadcast key's functions, and emergency control input functions for the VM-3240VA.</li> <li>Sets the emergency control input functions for the VM-3240E.</li> </ul>

#### Important

Setting items other than the above are not certified to UL2572 and CAN/ULC-S576 for Mass Notification System.

## 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 55.

File (E)	
File (F)	Creates a new data file to be used by the VM 2000 setting software
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 microphone (RM-200M).
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.
Utility (U)	
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.

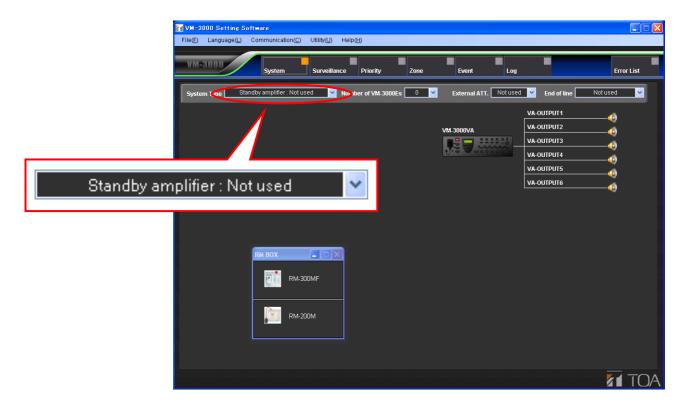
M-3000 Setting Software	
File(E) Language(L) Communication(C) Utility(U) Help(H)	
System Surveillance Priority Zone Event	Log Error List
System Type Standby amplifier : Not used 💙 Number of VM-3000Es 0 💙 External ATT. [	Notused 💌 End of line 🛛 Notused 💌
Image: Constraint of the second of the s	VA-OUTPUT1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

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" and "BGM/PAGING System" is not certified to UL2572 and CAN/ULC-S576 for Mass Notification system.

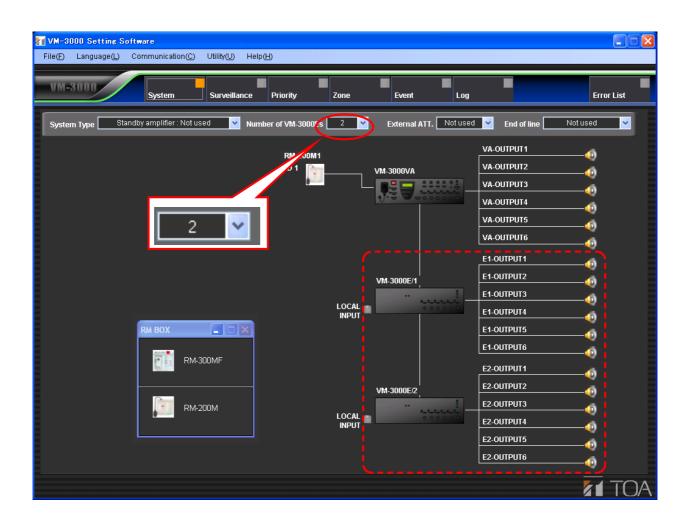


#### 6.2. Setting the Number of VM-3000Es

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.

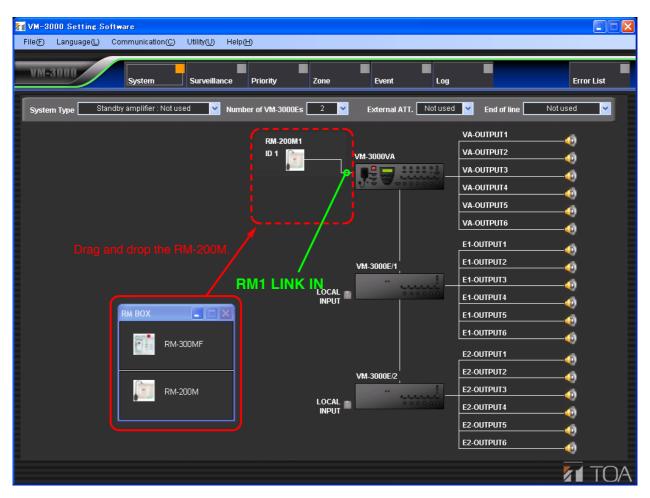


### 6.3. Settings for RM-200M Remote Microphone

Set the RM-200M Remote Microphone to use.

Select the RM-200M from the "RM BOX" window on the system setting screen, then drag and drop it around the VM-3000VA icon.

Note: Do not select the RM-300MF because it is not certified to UL2572 and CAN/ULC-S576 for Mass Notification System.



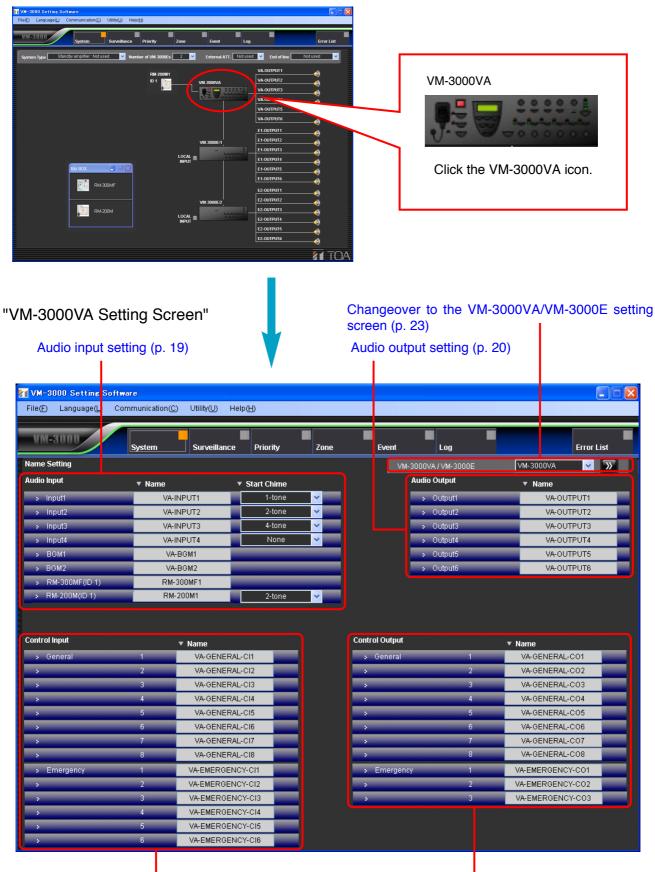
Clicking the set remote microphone icon transfers the display to the RM Key Setting screen (page 49) in Event Settings, allowing the functions of the remote microphone keys to be set.

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

#### 6.4. 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. 21)

Control output setting (p. 22)

#### 6.4.1. Audio input settings

Set the audio inputs for the VM-3000VA.

<b>VM-3000 Setting Sof</b> File(F) Language(L) (	tware Communication(C	) Utility( <u>U)</u> H	lelp(H)					
VM-3000	System	Surveillance	e Priority	Zone	Event	Log	Error Lis	st
Name Setting	(1)		(2)		VM-3000	VA/VM-3000E	VM-3000VA 😽	<b>»</b>
Audio Input	▼ Name		<ul> <li>Start Chime</li> </ul>		Audi	o Output	▼ Name	
> Input1	VA-	INPUT1	1-tone	<b>~</b>		Output1	VA-OUTPUT1	
> Input2	VA-	INPUT2	2-tone	× 📃	,	Output2	VA-OUTPUT2	
> Input3	VA-	INPUT3	4-tone	✓	,	Output3	VA-OUTPUT3	
> Input4	VA-	INPUT4	None	<b>~</b>	,	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/	AL-CI2		>	2	VA-GENERAL-CO2	
>	3	VA-GENER/	AL-CI3		>	3	VA-GENERAL-CO3	
>	4	VA-GENER/	AL-CI4		>	4	VA-GENERAL-CO4	
>	5	VA-GENER/	AL-CI5		,	5	VA-GENERAL-CO5	
>	6	VA-GENER/	AL-CI6			6	VA-GENERAL-CO6	
>	7	VA-GENER/	AL-CI7		>	7	VA-GENERAL-CO7	
>	8	VA-GENER/	AL-CI8		>	8	VA-GENERAL-CO8	
> Emergency	1	VA-EMERGEN	ICY-CI1		> Emergency	1	VA-EMERGENCY-CO1	
>	2	VA-EMERGEN	ICY-CI2		•	2	VA-EMERGENCY-CO2	
•	3	VA-EMERGEN	NCY-CI3			3	VA-EMERGENCY-CO3	
	4	VA-EMERGEN	ICY-CI4					
·	4							
> >	5	VA-EMERGEN						

#### (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).

Note: RM-300MF can not be used.

#### (2) Start Chime

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

Available Settings None (default), 1-tone, 2-tone, 4-tone, Gong

#### 6.4.2. Audio output settings

Set the audio outputs for the VM-3000VA.

<b>VM-3000 Setting Soft</b> File(E) Language(L) C	tware Communication( <u>C</u>	) Utility(U)	Help( <u>H</u> )				
VM-3000	System	Surveillan	ce Priority	Zone	Event	Log	Error List
Name Setting					VM-3000V	A/VM-3000E	VM-3000VA 🗸 🚿
Audio Input	🔻 Name		▼ Start Chime		Audio	Output	(1) <b>v</b> Name
> Input1	VA-	INPUT1	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	<b>~</b>			
Control Input		▼ Name			Control Output		▼ Name
> General	1	VA-GENE	RAL-CI1		> General	1	VA-GENERAL-CO1
>	2	VA-GENE	RAL-CI2		>	2	VA-GENERAL-CO2
>	3	VA-GENE	RAL-CI3			3	VA-GENERAL-CO3
>	4	VA-GENE	RAL-CI4			4	VA-GENERAL-CO4
>	5	VA-GENE	RAL-CI5		>	5	VA-GENERAL-CO5
>	6	VA-GENE	RAL-CI6		>	6	VA-GENERAL-CO6
>	7	VA-GENE	RAL-CI7		>	7	VA-GENERAL-CO7
>	8	VA-GENE	RAL-CI8		>	8	VA-GENERAL-CO8
> Emergency	1	VA-EMERG	ENCY-CI1		> Emergency	1	VA-EMERGENCY-CO1
>	2	VA-EMERG	ENCY-CI2		>	2	VA-EMERGENCY-CO2
>	3	VA-EMERG	ENCY-CI3			3	VA-EMERGENCY-CO3
		VA EMERO	ENCY ON				
*	4	VA-EMERG	ENCI-CI4	_			
, ,	4 5	VA-EMERG VA-EMERG					

#### (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).
--------------------	---

#### 6.4.3. Control input settings

Set the control inputs for the VM-3000VA.

VM-3000 Setting Sof	tware Communication((	<u>)</u> Utility( <u>U)</u> He	da di D					
File(r) Language(L) (	Communication	2) Oliniy( <u>O</u> ) He	elp(H)					
VM-3000	System	Surveillance	Priority	Zone	Event	Log	Error List	
Name Setting					VM-3000V/	A/VM-3000E	VM-3000VA 🔽 🕥	3
Audio Input	🔻 Name		<ul> <li>Start Chime</li> </ul>		Audio	Output	▼ Name	
> Input1	VA	INPUT1	1-tone	~	2	Output1	VA-OUTPUT1	
> Input2	VA	INPUT2	2-tone	¥	,	Output2	VA-OUTPUT2	
> Input3	VA	INPUT3	4-tone	~		Output3	VA-OUTPUT3	
> Input4	VA	INPUT4	None	<b>~</b>		Output4	VA-OUTPUT4	
> BGM1	V	-BGM1			2	Output5	VA-OUTPUT5	
> BGM2	V	+BGM2			*	Output6	VA-OUTPUT6	
RM-300MF(ID 1)	RM	-300MF1						
> RM-200M(ID 1)	RN	1-200M1	2-tone	¥				
Control Input		🔻 Name			Control Output		▼ Name	
> General	1	VA-GENERA	L-CI1		> General	1	VA-GENERAL-CO1	
>	2	VA-GENERA	L-CI2		>	2	VA-GENERAL-CO2	
·	3	VA-GENERA	L-CI3		3	3	VA-GENERAL-CO3	
·	4	VA-GENERA	L-CI4			4	VA-GENERAL-CO4	
>	5	VA-GENERA	L-CI5			5	VA-GENERAL-CO5	
>	6	VA-GENERA	L-CI6		3	6	VA-GENERAL-CO6	
>	7	VA-GENERA	-017		>	7	VA-GENERAL-CO7	
			-017					and the second second
,	8	VA-GENERA			>	8	VA-GENERAL-CO8	
	8	VA-GENERA VA-EMERGEN	L-CI8		> > Emergency	8	VA-GENERAL-CO8 VA-EMERGENCY-CO1	
•	8 1 2		L-CI8 CY-CI1	_				
> > Emergency	1	VA-EMERGEN	L-CI8 CY-CI1 CY-CI2		<ul> <li>Emergency</li> </ul>	1	VA-EMERGENCY-CO1	
> > Emergency >	1 2	VA-EMERGEN VA-EMERGEN	CI8 CY-CI1 CY-CI2 CY-CI3	_	<ul> <li>Emergency</li> </ul>	1 2	VA-EMERGENCY-C01 VA-EMERGENCY-C02	
> > Emergency >	1 2 3	VA-EMERGEN VA-EMERGEN VA-EMERGEN	L-CI8 CY-CI1 CY-CI2 CY-CI3 CY-CI4	_	<ul> <li>Emergency</li> </ul>	1 2	VA-EMERGENCY-C01 VA-EMERGENCY-C02	

### (1) Name

Sets the names for general 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).

#### 6.4.4. Control output settings

Set the control outputs for the VM-3000VA.

VM-3000 Setting Sof								
File(F) Language(L)	Communication( <u>C</u>	) Utility( <u>U</u> ) Help	)(H)					
VM-3000	System	Surveillance	Priority	Zone	Event	Log	Err	or List
Name Setting					VM-	3000VA/VM-3000E	VM-3000VA	<ul> <li>&gt;&gt;</li> </ul>
Audio Input	🔻 Name	•	Start Chime			Audio Output	<ul> <li>Name</li> </ul>	
> Input1	VA-I	NPUT1	1-tone	~		> Output1	VA-OUTPUT	1
> Input2	VA-I	NPUT2	2-tone	~		> Output2	VA-OUTPUT	2
> Input3	VA-I	NPUT3	4-tone	~		> Output3	VA-OUTPUT	3
> Input4	VA-I	NPUT4	None	~		> Output4	VA-OUTPUT	4
> BGM1	VA-	BGM1				> Output5	VA-OUTPUT	5
> BGM2	VA-	BGM2				> Output6	VA-OUTPUT	6
> RM-300MF(ID 1)	RM-:	300MF1						
> RM-200M(ID 1)	RM-	200M1	2-tone	<b>~</b>				
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		2	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-	C18			8	VA-GENERAL-CO8	
<ul> <li>Emergency</li> </ul>	1	VA-EMERGENCY	7-011		> Emergenc		VA-EMERGENCY-CO	1
>	2	VA-EMERGENCY	7-Cl2			2	VA-EMERGENCY-CO	2
>	3	VA-EMERGENC)	Y-CI3		>	3	VA-EMERGENCY-CO	3
>	4	VA-EMERGENC)	Y-CI4					
3	5	VA-EMERGENC)	Y-CI5					

#### Note

Only " Emergency " control outputs may be used. (Never use " General " control outputs.)

#### (1) Name

Sets the names for emergency control outputs.

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

#### 6.4.5. 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 25 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-OUTPUT4 VA-INPUT4 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-CI5 VA-GENERAL-CO5 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

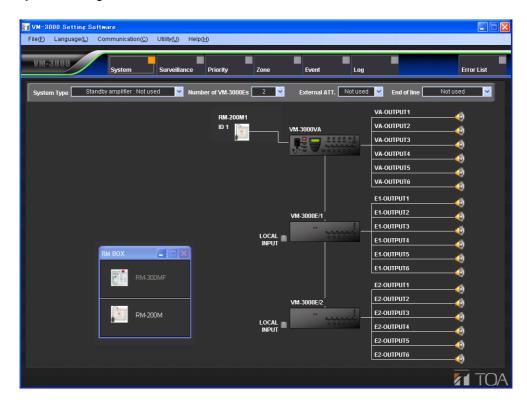
#### 6.4.6. Returning to the system setting screen from the VM-3000VA setting screen

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"

File(E) Language(L) C	Communication(C	) Utility(U) H	elp(H)				
VM-3000	System	Lurveillance	Priority	Zone	Event	Log	Error List
Name Setting					VM-3000 <sup>4</sup>	/A/VM-3000E	VM-3000VA 😽 🍞
Audio Input	▼ Name		▼ Start Chime		Audi	o Output	▼ Name
> Input1	VA-I	INPUT1	1-tone	<b>v</b>		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	<b>~</b>			
Control Input		▼ Name			Control Output		▼ Name
Control Input > General	1	▼ Name VA-GENERA	L-CI1		Control Output	1	▼ Name VA-GENERAL-CO1
						1 2	
	1	VA-GENERA	L-CI2		> General	and the second	VA-GENERAL-CO1
	1 2	VA-GENERA VA-GENERA	IL-CI2		> General	2	VA-GENERAL-CO1 VA-GENERAL-CO2
> General >	1 2 3	VA-GENERA VA-GENERA VA-GENERA	IL-CI2 IL-CI3 IL-CI4		> General > >	2	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3
> General > >	1 2 3 4	VA-GENERA VA-GENERA VA-GENERA VA-GENERA	NL-C12 NL-C13 NL-C14 NL-C15		General     S	2 3 4	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4
General     S     S     S	1 2 3 4 5	VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA	L-Cl2 L-Cl3 L-Cl4 L-Cl5 L-Cl5		> General > > >	2 3 4 5	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4 VA-GENERAL-CO5
General     S     S     S	1 2 3 4 5 6	VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA	L-C12 L-C13 L-C14 L-C15 L-C16 L-C16		General     General     S     S     S	2 3 4 5 6	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4 VA-GENERAL-CO5 VA-GENERAL-CO6
> General > > > > > > >	1 2 3 4 5 6 7	VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA	L-Cl2		General     S     S     S     S     S     S     S	2 3 4 5 6 7	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4 VA-GENERAL-CO5 VA-GENERAL-CO5 VA-GENERAL-CO7
> General > > > > > > > >	1 2 3 4 5 6 7 8	VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA	LL-C12		General     S      S	2 3 4 5 6 7 8	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4 VA-GENERAL-CO5 VA-GENERAL-CO6 VA-GENERAL-CO7 VA-GENERAL-CO8
Senaral     Senaral     S      S      S      S      S      S      Emergency	1 2 3 4 5 6 7 8 8	VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA	LL-C12 LL-C13 LL-C14 LL-C15 LL-C16 LL-C17 LL-C18 CY-C11 CY-C12		> Ceneral > > > > > > > > > > > > > > > > > > >	2 3 4 5 6 7 8 1	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4 VA-GENERAL-CO5 VA-GENERAL-CO6 VA-GENERAL-CO7 VA-GENERAL-CO8 VA-EMERGENCY-CO1
Seneral     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 1 2	VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA	LL-C12 LL-C13 LL-C14 LL-C15 LL-C16 LL-C17 LL-C18 ICY-C11 ICY-C12 ICY-C13 ICY-C13 ICY-C13		> Ceneral > > > > > > > > > > > > > > > > > > >	2 3 4 5 6 7 8 1 2	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4 VA-GENERAL-CO5 VA-GENERAL-CO5 VA-GENERAL-CO7 VA-GENERAL-CO7 VA-GENERAL-CO3 VA-EMERGENCY-CO1 VA-EMERGENCY-CO2
> > > > > > > > > > > > > > > >	1 2 3 4 5 6 7 8 1 2 3	VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-GENERA VA-EMERGEN VA-EMERGEN	LL-C12 LL-C13 LL-C14 LL-C15 LL-C16 LL-C17 LL-C18 LL-C18 ICY-C11 ICY-C12 ICY-C13 ICY-C13 ICY-C14 ICY-C14		> Ceneral > > > > > > > > > > > > > > > > > > >	2 3 4 5 6 7 8 1 2	VA-GENERAL-CO1 VA-GENERAL-CO2 VA-GENERAL-CO3 VA-GENERAL-CO4 VA-GENERAL-CO5 VA-GENERAL-CO5 VA-GENERAL-CO7 VA-GENERAL-CO7 VA-GENERAL-CO3 VA-EMERGENCY-CO1 VA-EMERGENCY-CO2

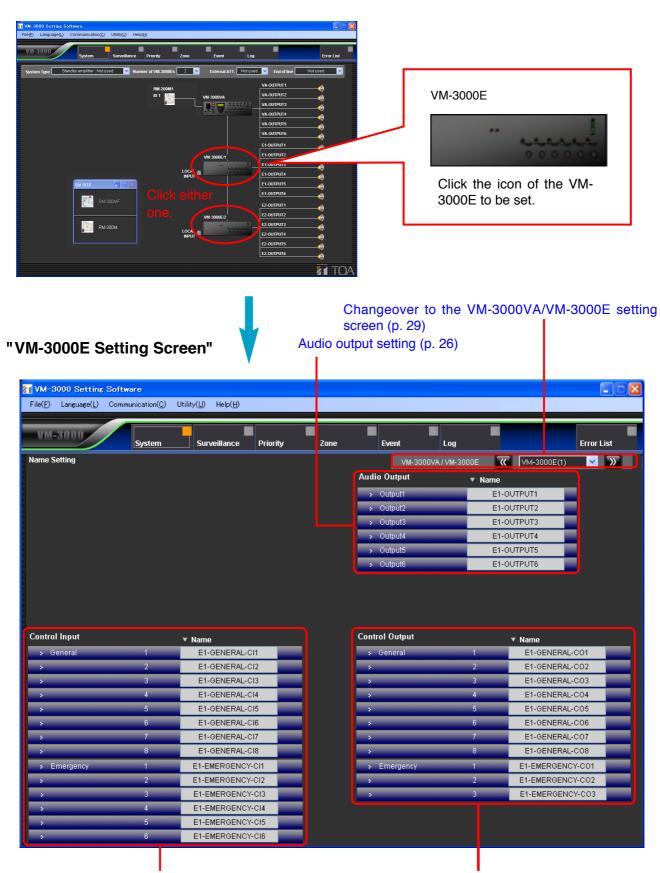
#### "System setting screen"



#### 6.5. 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. 27)

Control output setting (p. 28)

#### 6.5.1. Audio output setting

Set the audio outputs for the VM-3000E.

	oftware						
File( <u>F)</u> Language( <u>L</u> ) C	ommunication( <u>C</u> )	Utility(U) Help( <u>H</u> )					
VM-3000							
MM-8000	System	Surveillance Priority	Zone	Event	Log		Error List
Name Setting				VM-3000\	/A/VM-3000E	WM-3000E(1)	✓ >>>
				Audio Output	▼ Na	me	
				> Output1	_	E1-OUTPUT1	
				> Output2		E1-OUTPUT2	
				> Output3		E1-OUTPUT3	
				> Output4		E1-OUTPUT4	
				> Output5		E1-OUTPUT5	
				> Output6		E1-OUTPUT6	
Control Input		▼ Name		Control Output		▼ Name	
Control Input	1	▼ Name E1-GENERAL-CI1		Control Output	1	▼ Name E1-GENERAL-C	01
	1 2				1 2		
> General		E1-GENERAL-CI1		> General		E1-GENERAL-C	02
> General	2	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4		> General	2 3 4	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04
> General	2 3 4 5	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5		General     General     S     S     S	2 3 4 5	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04 05
> General > > > > >	2 3 4 5 6	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6		> General > > > > >	2 3 4 5 6	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04 05 06
<ul> <li>General</li> <li></li> <li></li></ul>	2 3 4 5 6 7	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7		Seneral     S     S     S     S     S     S     S	2 3 4 5 6 7	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04 05 06 07
<ul> <li>General</li> <li></li> <li></li></ul>	2 3 4 5 6	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8		General     General     S     S     S     S     S     S     S     S	2 3 4 5 6 7 8	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04 05 06 07 08
<ul> <li>General</li> <li></li> <li></li></ul>	2 3 4 5 6 7 8 1	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1		General     General     General     S     S     S     S     S     S     S     Emergency	2 3 4 5 6 7 8 1	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY	02 03 04 05 06 07 08 08
<ul> <li>General</li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li>Emergency</li> <li></li> </ul>	2 3 4 5 6 7 8 1 2	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2		General     General     General     S     General     S     General     S     General     Emergency     S	2 3 4 5 6 7 8 1 2	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY E1-EMERGENCY	02 03 04 05 06 07 08 08 001 020
<ul> <li>General</li> <li></li> <li></li></ul>	2 3 4 5 6 7 8 1 2 3	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		General     General     General     S     S     S     S     S     S     S     Emergency	2 3 4 5 6 7 8 1	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY	02 03 04 05 06 07 08 08 001 020
<ul> <li>General</li> &lt;</ul>	2 3 4 5 6 7 8 1 2	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2		General     General     General     S     General     S     General     S     General     Emergency     S	2 3 4 5 6 7 8 1 2	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY E1-EMERGENCY	02 03 04 05 06 07 08 08 001 020

#### (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).

#### 6.5.2. Control input settings

Set the control inputs for the VM-3000E.

	oftware						
File( <u>F)</u> Language( <u>L</u> ) Co	ommunication( <u>C</u> )	Utility(U) Help(H)					
VM-3000							
	System	Surveillance Prior	ity Zon	e Event	Log		Error List
Name Setting				VM-3000VA	V/VM-3000E	<b>WM-3000E(1)</b>	✓ >>>
				Audio Output	▼ Nan	10	
				> Output1		E1-OUTPUT1	
				> Output2		E1-OUTPUT2	
				> Output3		E1-OUTPUT3	
				> Output4		E1-OUTPUT4	
				> Output5		E1-OUTPUT5	
				> Output6		E1-OUTPUT6	
Control Input		▼ Name		Control Output		▼ Name	
Control Input	(1)	▼ Name E1-GENERAL-CI1		Control Output	1	▼ Name E1-GENERAL-C	01
-	(1) 1 2			-	1		
> General	( <b>1</b> ) 1 2 3	E1-GENERAL-CI1		> General		E1-GENERAL-C	02
> General		E1-GENERAL-CI1 E1-GENERAL-CI2		> General	2	E1-GENERAL-C E1-GENERAL-C	02
> General	3	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3		> General > >	2 3	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04
> General > >	3 4 5 6	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6		> General > > >	2 3 4 5 6	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04 05 06
> General > > > > > > >	3 4 5 6 7	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7		> General > > > > > > >	2 3 4 5 6 7	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04 05 06 07
<ul> <li>General</li> <li></li> <li></li></ul>	3 4 5 6 7 8	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8		> General > > > > > > > > >	2 3 4 5 6 7 8	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C	02 03 04 05 06 07 08
General     General     General     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S	3 4 5 7 7 8 1	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1		General     General     S     S     S     S     S     S     Emergency	2 3 4 5 7 8 8 1	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY-	02 03 04 05 06 07 08 08 02
<ul> <li>General</li> &lt;</ul>	3 4 5 7 8 1 2	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2		General     General     S     S     S     S     S     Emergency     S	2 3 4 5 6 7 8 1 2	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY- E1-EMERGENCY-	02 03 04 05 06 07 08 08 001 02
<ul> <li>General</li> &lt;</ul>	3 4 5 7 8 1 2 3	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI3 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3		General     General     S     S     S     S     S     S     Emergency	2 3 4 5 7 8 8 1	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY-	02 03 04 05 06 07 08 08 001 02
<ul> <li>General</li> &lt;</ul>	3 4 5 7 8 1 2	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2		General     General     S     S     S     S     S     Emergency     S	2 3 4 5 6 7 8 1 2	E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-GENERAL-C E1-EMERGENCY- E1-EMERGENCY-	02 03 04 05 06 07 08 08 001 02

#### (1) Name

Sets the names for general 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).

#### 6.5.3. Control output settings

Set the control outputs for the VM-3000E.

VM-3000 Setting So	oftware						
File( <u>F</u> ) Language( <u>L</u> ) C	ommunication( <u>C</u> )	Utility(U) Help( <u>H</u> )					
VM-3000	System	Surveillance Priority	Zone	Event	Log		Error List
Name Setting				VM-3000V	/A/VM-3000E	K VM-3000E(1)	✓ >>>
				Audio Output	▼ Nan	ne	
				> Output1		E1-OUTPUT1	
				> Output2		E1-OUTPUT2	
				> Output3		E1-OUTPUT3	
				> Output4		E1-OUTPUT4	
				> Output5		E1-OUTPUT5	
				> Output6		E1-OUTPUT6	
Control Input		▼ Name		Control Output		(1) ▼ Name	
Control Input		▼ Name E1-GENERAL-CI1	_	Control Output	1	(1) Name E1-GENERAL-	C01
-	1		-	-	1 2		
> General	1 2 3	E1-GENERAL-CI1		> General	1 2 3	E1-GENERAL-	CO2
> General		E1-GENERAL-CI1 E1-GENERAL-CI2		> General		E1-GENERAL-	CO2 CO3
> General > >	3	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3		> General > >	3	E1-GENERAL- E1-GENERAL- E1-GENERAL-	CO2 CO3 CO4
> General > >	3 4	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4		> General > >	3 4	E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	CO2 CO3 CO4 CO5
<ul> <li>General</li> <li></li> <li></li> <li></li> <li>&gt;</li> <li>&gt;</li> </ul>	3 4 5	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5		> General > > > >	3 4 5	E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	C02 C03 C04 C05 C06
<ul> <li>General</li> <li></li> <li></li> <li></li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> </ul>	3 4 5	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6		> General > > > > >	3 4 5 6	E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	C02 C03 C04 C05 C06 C07
<ul> <li>General</li> <li>S</li> <li>S</li></ul>	3 4 5 6 7	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7		> General > > > > > > >	3 4 5 6 7	E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	CO2            CO3            CO4            CO5            CO6            CO7            CO8
General     General     S     S     S     S     S     S     S	3 4 5 6 7	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8		> General > > > > > > > > >	3 4 5 6 7	E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL- E1-GENERAL-	CO2 CO3 CO4 CO5 CO5 CO5 CO5 CO7 CO8 CO8 CO5 CO8 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5
<ul> <li>General</li> <li>General</li></ul>	3 4 5 7 8 1	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1		General     General     S     S     S     Emergency	3 4 5 6 7 8 1	E1-0ENERAL- E1-0ENERAL- E1-0ENERAL- E1-0ENERAL- E1-0ENERAL- E1-0ENERAL- E1-0ENERAL- E1-0ENERAL- E1-0ENERAL- E1-0ENERAL-	CO2 CO3 CO4 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5
<ul> <li>General</li> &lt;</ul>	3 4 5 6 7 8 1 2	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		General     General     S     S     S     Emergency     S	3 4 5 7 8 1 2	E1-0ENERAL-           E1-0ENEROENC'           E1-EMEROENC'	CO2 CO3 CO4 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5
<ul> <li>General</li> &lt;</ul>	3 4 6 7 8 1 2 3	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		General     General     S     S     S     Emergency     S	3 4 5 7 8 1 2	E1-0ENERAL-           E1-0ENEROENC'           E1-EMEROENC'	CO2 CO3 CO4 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5

#### Note

Only "Emergency" control outputs may be used. (Never use " General " control outputs.)

#### (1) Name

Sets the names for 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).

#### 6.5.4. 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 18 for VM-3000VA settings.

VM-3000 Setting So	oftware						
File( <u>F</u> ) Language( <u>L</u> ) C	ommunication( <u>C</u> )	Utility( <u>U)</u> Help( <u>H</u> )					
					_		
VM-3000	System	Surveillance Prior	itv Zone	Event	Log	Erro	r List
Name Setting	Jystem						
Name Setting					A/VM-3000E	VM-3000E(1)	<b>&gt;</b>
				Audio Output	🔻 Name		
				> Output1	E1-0		
				> Output2	E1-0		
				> Output3	E1-0	DUTPUT3	
				> Output4	E1-0	DUTPUT4	
				> Output5		DUTPUT5	
				> Output6	E1-0		
Control Input		▼ Name		Control Output		▼ Name	
Control Input		▼ Name E1-GENERAL-CI1	_	Control Output	1	▼ Name E1-GENERAL-CO1	
-	1			-	1		
> General	1 2 3	E1-GENERAL-CI1		> General	1 2 3	E1-GENERAL-CO1	
> General		E1-GENERAL-CI1 E1-GENERAL-CI2		> General		E1-GENERAL-CO1 E1-GENERAL-CO2	
> General	3	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3		> General > >	3	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3	
> General	3 4	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4		> General > >	3 4	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4	
> General > > >	3 4 5	E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI		<ul> <li>General</li> <li></li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> </ul>	3 4 5	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4 E1-GENERAL-CO5	
> General > > > > >	3 4 5 6	E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI E1-GENERAL-CI		<ul> <li>General</li> <li>S</li> <li>S</li> <li>S</li> <li>S</li> <li>S</li> </ul>	3 4 5 6	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4 E1-GENERAL-CO5 E1-GENERAL-CO6	
> General > > > > > > > >	3 4 5 6 7	E1-OENERAL-CI1 E1-OENERAL-CI2 E1-OENERAL-CI3 E1-OENERAL-CI4 E1-OENERAL-CI5 E1-OENERAL-CI6 E1-OENERAL-CI7		<ul> <li>General</li> <li>S</li> <li>S</li></ul>	3 4 5 6 7	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4 E1-GENERAL-CO5 E1-GENERAL-CO6 E1-GENERAL-CO7	
> General > > > > > > > > >	3 4 5 6 7	E1-OENERAL-CI E1-OENERAL-CI E1-OENERAL-CI E1-OENERAL-CI E1-OENERAL-CI E1-OENERAL-CI E1-OENERAL-CI E1-OENERAL-CI E1-OENERAL-CI		<ul> <li>General</li> <li>S</li> <li>S</li></ul>	3 4 5 8 7 8	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4 E1-GENERAL-CO5 E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8	
General     General     General     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S	3 4 5 7 8 1	E1-OENERAL-CI1 E1-OENERAL-CI2 E1-OENERAL-CI3 E1-OENERAL-CI4 E1-OENERAL-CI6 E1-OENERAL-CI6 E1-OENERAL-CI7 E1-OENERAL-CI8 E1-EMERGENCY-CI1		General     General     S      S      S      S      Emergency	3 4 5 7 8 8 1	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4 E1-GENERAL-CO5 E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1	
<ul> <li>General</li> &lt;</ul>	3 4 5 7 8 1 2	E1-OENERAL-CI1 E1-OENERAL-CI2 E1-OENERAL-CI3 E1-OENERAL-CI4 E1-OENERAL-CI6 E1-OENERAL-CI6 E1-OENERAL-CI7 E1-OENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2		General     General     S      S      S      S      Emergency      S	3 4 5 6 7 8 1 2	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4 E1-GENERAL-CO5 E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1 E1-EMERGENCY-CO2	
<ul> <li>General</li> <li>General</li> <li>General</li> <li>General</li> <li>Emergency</li> <li>Emergency</li> <li>Set the set of th</li></ul>	3 4 5 7 8 1 2 3	E1-OENERAL-CI1 E1-OENERAL-CI2 E1-OENERAL-CI3 E1-OENERAL-CI4 E1-OENERAL-CI5 E1-OENERAL-CI6 E1-OENERAL-CI7 E1-OENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3		General     General     S      S      S      S      Emergency      S	3 4 5 6 7 8 1 2	E1-GENERAL-CO1 E1-GENERAL-CO2 E1-GENERAL-CO3 E1-GENERAL-CO4 E1-GENERAL-CO5 E1-GENERAL-CO6 E1-GENERAL-CO7 E1-GENERAL-CO8 E1-EMERGENCY-CO1 E1-EMERGENCY-CO2	

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

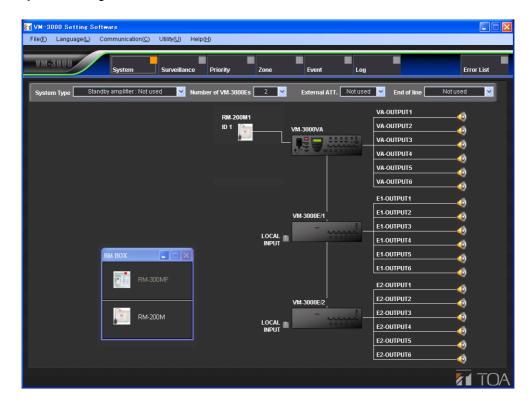
To return to the original system setting screen from the VM-3000E setting screen, click the "System" button in the menu bar.

VM-3000 Setting Sc File( <u>F</u> ) Language( <u>L</u> ) Co		Utility(U) Help(H)					
VM-3000	System	Jurveillance Prior	ity Zone	Event	Log		Error List
Name Setting				VM-3000VA /	VM-3000E	VM-3000E(1)	) 🔽 🚿
				Audio Output	▼ Na	me	
				> Output1		E1-OUTPUT1	-
				> Output2		E1-OUTPUT2	
				> Output3		E1-OUTPUT3	
				> Output4		E1-OUTPUT4	
				> Output5		E1-OUTPUT5	
				> Output6		E1-OUTPUT6	
Control Input		▼ Name		Control Output		▼ Name	
Control Input > General		▼ Name E1-GENERAL-CI1	_	Control Output	1	▼ Name E1-GENERA	AL-CO1
-	1 2	E1-GENERAL-CI1 E1-GENERAL-CI2		> General	1 2	E1-GENERA E1-GENERA	AL-CO2
> General	3	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3		> General > >	3	E1-GENERA E1-GENERA E1-GENERA	AL-CO2
> General	3 4	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4		> General > >	3 4	E1-GENERA E1-GENERA E1-GENERA E1-GENERA	AL-CO2 AL-CO3 AL-CO4
> General	3 4 5	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5		General     S     S     S	3 4 5	E1-GENERA E1-GENERA E1-GENERA E1-GENERA E1-GENERA E1-GENERA	AL-CO2 AL-CO3 AL-CO4 AL-CO5
> General	3 4 5 6	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6		> General > > > >	3 4 5 6	E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/	AL-CO2 AL-CO3 AL-CO4 AL-CO5 AL-CO6
> General > > > > >	3 4 5 6 7	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI7		> General > > > > > > > >	3 4 5 6 7	E1-GENERA E1-GENERA E1-GENERA E1-GENERA E1-GENERA E1-GENERA E1-GENERA	AL-CO2 AL-CO3 AL-CO4 AL-CO5 AL-CO6 AL-CO6 AL-CO7
> General > > > > > > > > >	3 4 5 6 7 8	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI3 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8		<ul> <li>General</li> <li></li> <li></li></ul>	3 4 5 6	E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/	AL-CO2 AL-CO3 AL-CO4 AL-CO5 AL-CO6 AL-CO7 AL-CO7 AL-CO8
Seneral     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S	3 4 5 7 8 1	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI3 E1-GENERAL-CI5 E1-GENERAL-CI5 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI1		<ul> <li>→ General</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>Emergency</li> </ul>	3 4 5 6 7 8 1	E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/	L-C02           L-C03           L-C04           L-C05           L-C06           L-C06           L-C07           L-C07           L-C08           L-C08           L-C08
> General > > > > > > > > >	3 4 5 7 8 1 2	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI3 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI8 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2		<ul> <li>General</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>Emergency</li> <li>&gt;</li> </ul>	3 4 5 6 7 8 1 2	E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/	L-C02           L-C03           L-C04           L-C05           L-C06           L-C06           L-C07           L-C08           L-C08           L-C08           LCY-C01           LCY-C02
Seneral     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S	3 4 5 7 8 1 2 3	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI3 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3		<ul> <li>→ General</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>→</li> <li>Emergency</li> </ul>	3 4 5 6 7 8 1	E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/	L-C02           L-C03           L-C04           L-C05           L-C06           L-C06           L-C07           L-C08           L-C08           L-C08           LCY-C01           LCY-C02
Seneral     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S	3 4 5 7 8 1 2 3 4	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI4 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI7 E1-GENERAL-CI8 E1-EMERGENCY-CI3 E1-EMERGENCY-CI3 E1-EMERGENCY-CI3		<ul> <li>General</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>Emergency</li> <li>&gt;</li> </ul>	3 4 5 6 7 8 1 2	E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/	L-C02           L-C03           L-C04           L-C05           L-C06           L-C06           L-C07           L-C08           L-C08           L-C08           LCY-C01           LCY-C02
Seneral     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S	3 4 5 7 8 1 2 3	E1-GENERAL-CI1 E1-GENERAL-CI2 E1-GENERAL-CI3 E1-GENERAL-CI3 E1-GENERAL-CI5 E1-GENERAL-CI6 E1-GENERAL-CI6 E1-GENERAL-CI8 E1-EMERGENCY-CI1 E1-EMERGENCY-CI2 E1-EMERGENCY-CI3		<ul> <li>General</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>&gt;</li> <li>Emergency</li> <li>&gt;</li> </ul>	3 4 5 6 7 8 1 2	E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/ E1-GENER/	L-C02           L-C03           L-C04           L-C05           L-C06           L-C06           L-C07           L-C08           L-C08           L-C08           L-C08           LCY-C01           LCY-C02

"VM-3000E setting screen"

# ł

"System setting screen"



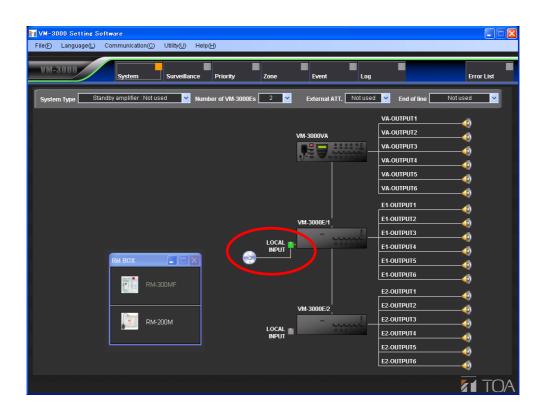
### 6.6. Local Input Setting

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. 37.)

The broadcast output channel through the local input is automatically assigned to each corresponding general control input of VM-3000E. (Refer to p. 46.)



### 7. SURVEILLANCE SETTINGS

Set individual failure detection items.

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

<b>VM-3000 Setting Software</b> File(E) Language(L) Communication	(C) Utility(U) Help(H)			
VM-3000 System	Surveillance	ity Zone Event	Log Error Lis	st
Surveillance Setting Time / Interval setting Time / Interval Item Battery	▼ Interval ▼ Time Disable ▼	Group name	01] Surveillance1	
		▼ Surveillance Item	Vone Von / Off	
External ATT/AC -mains failure status	▼ Time Disable	VM-3000VA Emergency EV		
		Emergency RM	MF1	
		Battery	VA E1 E2	
		Speaker(Open/Short) Al	1     2     3     4     5     6       VA     0     0     0     0     0     0       E1     0     0     0     0     0     0       E2     0     0     0     0     0     0	
		Speaker(Earth Fault)		
		Charging Equipment		
		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	
		General RM	M1	>
			T IN	ΟÂ

### 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		VM-3000			
		System	Surveillance Pri	ority Zone Event	Log Error List
Time / Interval Item	▼ Interval	Surveillance Setting			
		Time / Interval setting Time / Interval Item	▼ Interval	Surveillance group setting	
(1) Battery	💌 Time			Surveillance group	[01] Surveillance1 🔽 📡
	Disable 🗸	Battery	▼ Time Disable V	Group name	Surveillance1
			Chousie	Status output	None
				<ul> <li>Surveillance Item</li> </ul>	▼ On/Off
				VM-3000VA	
		External ATT/AC -mains failure status	▼ Time		
		-mains failure status	Disable 💙	Emergency EV	
(2) External ATT/AC	▼ Time			VM-3000E	All
-mains failure status	Disable 🗸				
				Emergency RM	MF1
				Battery	VA
					All E1 E1
				Speaker(Open/Short)	1 2 3 4 5 6
				-	
				Speaker(Earth Fault)	
				_	All E1 E1
				Charging Equipment	VA 🗖
					All E1
				Emergency Control Input	1 2 3 4 5 6
				General RM	M1

(1) Battery (Must be set to disable according to UL2572 and CAN/ULC-S576.)

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. 34).

• Time

Available Settings	Disable (default), 00:00 to 23:00 (in 1-hour steps)
Available Settings	$\square$ Disable (default), 00.00 to 20.00 (in 1-1001 steps)

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

Available Settings | 4h (default), 24h

(2) External ATT/AC-main failure status (Must be set to "Time: 00:00, Interval: 100 sec" according to UL2572 and CAN/ULC-S576.)

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. 34).

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(H)		(1) Surveillance group	[01] Surveillance1 😽 📡
VM-3000 System Surveillance F	Priority Zone Event Log Error I	(2) Group name	Surveillance1
Surveillance Setting Time / Interval setting * Time / Interval Nem * Interval	Surveillance group setting Surveillance group [01] Surveillance1 💙 🕥	(3) Status output	None
Battery <b>v Time</b>	Group name Surveillance1		
Disable 🗸	Status output None 🖌	▼ Surveillance Item	▼ On / Off
		( <b>4</b> ) vm-3000vA	
External ATTIAC <b>v Time</b> -mains failure status Disable v	Emergency EV		
L	VM-3000E AI EI E2	Emergency EV	
	Ernergency RM MF1	(6) VM-3000E	All
	Battery VA E1 E2		E2
	Speaker(OpenShint) Clow 1 2 3 4 5 4 Clow 2 0 0 0 0 0 0	Contraction Contra	MF1
	Speaker(Earth Fault) All E2 E	(8) Battery	All E2
	Charging Equipment		
	Enregency Control Input.	(3) Speaker(Open/Short)	1         2         3         4         5         6           VA         II         III         III         III         III         III         III         III         III         IIII         IIII         IIIII         IIIIIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
	General RM All M1 M2		
	External Amplifier	(10) Speaker(Earth Fault)	All E1 E2
	Standby Amplifier		
	81	OA (11) Charging Equipment	All E1 E2
		(12)Emergency Control Input	All 1 2 3 4 5 6 VA 1 2 3 4 5 6 E1 0 0 0 0 0 0 0 0 0 0 E2 0 0 0 0 0 0 0 0 0 0
		(13) General RM	All M1 All
		(14) External Amplifier	All E1 E2

Standby Amplifier

#### (1) Surveillance group

Select the surveillance group to be set.

|--|

#### (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 (Must be set to on according to UL2572 and CAN/ULC-S576.) Checks the VM-3000VA's power amplifier, emergency microphone, TALK key, and power supply voltage.
- (5) Emergency EV (Must be set to on according to UL2572 and CAN/ULC-S576.) Checks Alert and Evacuation message files.
- (6) VM-3000E (Must be set to on according to UL2572 and CAN/ULC-S576.)

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

Not used.

(8) Battery (Must be set to disable according to UL2572 and CAN/ULC-S576.)

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. 33).

#### (9) Speaker (Open/Short) (Must be set to on according to UL2572 and CAN/ULC-S576.)

Checks for open or shorted conditions in the speaker lines. Surveillance is continuously performed.

#### 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) (Must be set to on according to UL2572 and CAN/ULC-S576.) Checks the earth fault of the speaker lines for the relevant unit.
- (11) Charging Equipment (Must be set to on according to UL2572 and CAN/ULC-S576.) Checks the condition of the recharging circuit of the VX-2000DS connected to the relevant unit.
- (12) Emergency Control Input (Must be set to on according to UL2572 and CAN/ULC-S576.) 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

Not used.

#### (15) Standby Amplifier

Not used.

#### NOTICE TO USERS, INSTALLERS, AUTHORITIES HAVING JURISDICTION, AND OTHER INVOLVED PARTIES

This product incorporates field-programmable software. In order for the product to comply with the requirements in the Standard for Control and Communication Units for Mass Notification Systems, UL2572 and CAN/ULC-S576.), certain programming features or options must be limited to specific values or not used at all as indicated below.

Program feature or option	Permitted in UL2572 and CAN/ULC-S576 (Y/N)	Possible settings	Settings permitted in UL2572 and CAN/ULC-S576
Time / Interval setting			
Battery Time	Ν	Disable / 00:00 - 23:00	Disabled
External ATT/AC Time-mains failure status	Υ	Disable / 00:00 - 23:00	Time 00:00 Interval 100 sec
Surveillance group setting		·	
VM-300VA	Y	On / Off	On
Emergency EV	Y	On / Off	On
VM-3000E	Y	On / Off	On
Battery	Y	On / Off	On
Speaker (Open/Short)	Y	On / Off	On*1
Speaker (Earth Fault)	Y	On / Off	On
Charging Equipment	Y	On / Off	On*2
Emergency Control Input	Y	On / Off	On
General RM	Y	On / Off	On

\*1 The speaker which is not connected to the VM-3000VA or VM-3000E is Off.

\*2 VM-3000VA or VM-3000E which is not connected to the VX-2000DS in DS LINK is Off.

## **8. PRIORITY SETTINGS**

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

E) Language(L) Co	mmunication(C) Utility(U)	Help( <u>H</u> )				
M-3000	System Surveillar	ice Priority	one Event	Log		Error List
Priority Setting					Priority Control	
General Setting	Emergency Sett	ing			<ul><li>FIFO</li><li>LIFO</li></ul>	
🔻 Input	▼ Name	▼ Priority	🔻 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	

- Pressing the "General Setting" button calls up the screen used to set sound source priorities for general broadcasting. (Refer to page 38.)
- Pressing the "Emergency Setting" button calls up the screen displaying sound source priorities for emergency broadcasting. (Refer to page 40.)

## 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.

) Language( <u>L)</u> Co	mmunication(C) Utility(U)	Help( <u>H</u> )					
1-3000	System Surveillan	ice Priority	Zone	Event	Log		Error Li
Priority Setting					(5)	Priority Control	
General Setting	Emergency Setti	ing				<ul><li>FIFO</li><li>LIFO</li></ul>	
▼ Input <mark>(1</mark> )	🔹 Name <mark>(2)</mark>	🔹 Priority (3)		🔻 Internal ATT.	▼ External ATT.	▼ Master Volume	
> Input1	VA-INPUT1	1	~	Bypass	Bypass	Bypass	<u> </u>
> 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	<b>_</b>

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 19). 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., Master Volume

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

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

Note: External ATT. can not be used.

#### (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.

A-3000						
1-0000	System Surveillance	e Priority Zor	ne Event	Log		Error Lis
Priority Setting				(5)	Priority Control	
General Setting	g Emergency Setting				9 FIFO	
					C LIFO	
▼ Input <mark>(1)</mark>	▼ Name (2)	▼ Priority (3)	💌 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 19; "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
Not used	1
Fireman's Microphone	2
Not used	3
EV 1 (Built-in Evacuation message)	4
EV 2 (Built-in Alert message)	5

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

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

Sound Source	Internal ATT.	Master Volume		
Fireman's Microphone	Bypass			
EV 1 (Built-in Evacuation message)				
EV 2 (Built-in Alert message)				

Note: External ATT. can not be used.

#### (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.

1-3000	System		Surv	eillanc	e	Priori	ty		Zone			vent		• L	og				Er	rror List
Zone Se	etting	•	Outp	ut No.	(2)				(	<mark>})</mark> *	electio	on		<b>(</b> 4	,) c	lear			Default	
Zone	<b>(1)</b> 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	Zone1																			
02	Zone2																			
03	Zone3																			
04	Zone4																			
05	Zone5																			
06	Zone6																			
07	Zone7																			
08	Zone8																			
09	Zone9																			
10	Zone10																			
11	Zone11																			
12	Zone12																			
13	Zone13																			
14	Zone14																			
15	Zone15																			
16	Zone16																			
17	Zone17																			
18	Zone18																			

#### (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.

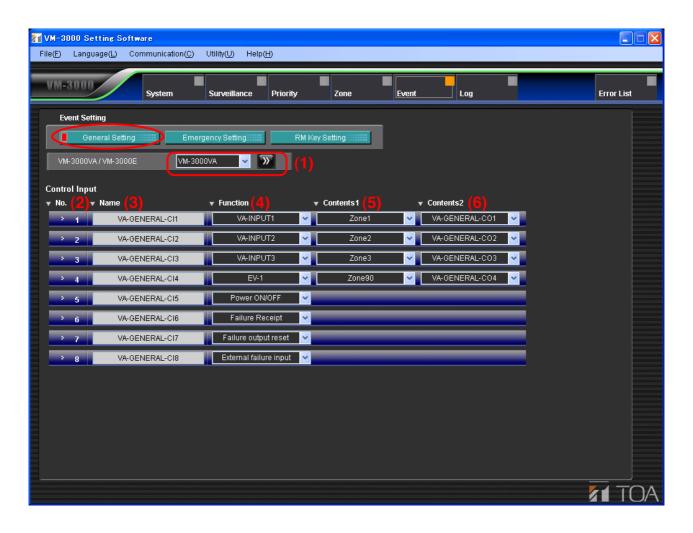
VM-3000 Set ile(E) Langua	ting Software gge(Communication(C) System	Utility(U) Help(H) Surveillance Priority	Zone	Event .og	Error List
Event Settin Gene VM-3000VA Control Input	eral Setting Emerg		I Key Setting		
	Name	▼ Function	▼ Contents1	▼ Contents2	
* 1	VA-GENERAL-CI1	VA-INPUT1	Zone1	VA-GENERAL-CO1 V	
° 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	<b>*</b>		
° 6	VA-GENERAL-CI6	Failure Receipt	·		
> 7	VA-GENERAL-CI7	Failure output reset	<u> </u>		
× 8	VA-GENERAL-CI8	External failure input	·		

- Pressing the "General Setting" button calls up the screen used to set general control inputs. (Refer to page 44.) 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 47.) 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 49.) Assign a function to each key of the RM-200M.

## **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 and broadcast zone.



#### (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 38) 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 Sett	tings	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 42) 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 22; "Control output settings") or the VM-3000E (refer to page 28; "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)

<b>VM-3000</b> Sett	ting Software					
	ge(L) Communication(C	) Utility(U) Help(H)				
WW 0000					-	
VM-3000	System	Surveillance Priority	Zone	Event L	og	Error List
Event Settin	ng			_		
E Gene	eral Setting Er	mergency Setting RM	I Key Setting			
VM-3000VA/	(VM-3000E 🔣 VM-	-3000E(1) 🖌 🏹				
Control Input						
	Name	Function	▼ Contents1	▼ Contents2		
* 1	E1-GENERAL-CI1	Local input -> Output1				
<u> </u>	E1-GENERAL-CI2	Local input -> Output2				
<del>`3</del>	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				
2 7	E1-GENERAL-CI7	Local input -> All				
* 8	E1-GENERAL-CI8	Reserved				

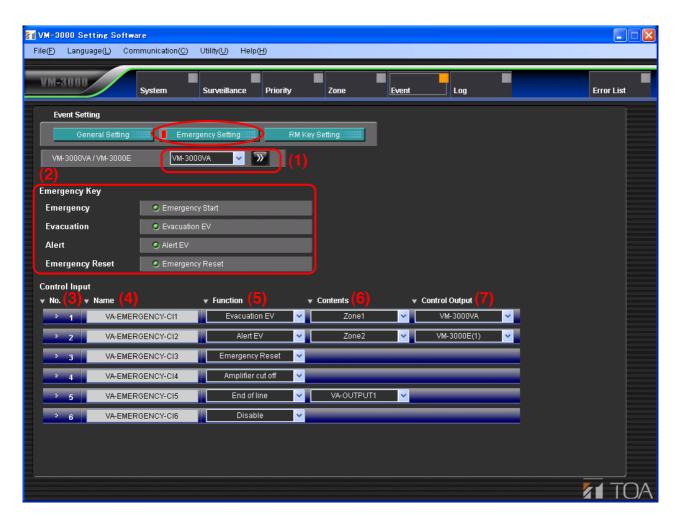
## **10.2. Emergency Control Input Settings**

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 and broadcast zones.



#### (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) (Must be set to on according to UL2572 and CAN/ULC-S576.)

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
--	--------------------	--

#### (6) Contents

- Cannot be used when "Disable", "Emergency Reset" or "Amplifier cut off" 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 42) 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.

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-200M to be set.

M-3000 Settine e(F) Language(L		unication( <u>C</u> )	Utility(U) Help(H)					
/M-3000	Syr	stem	Surveillance Prior	ity Zone	Event	Log		Error List
Event Setting								
General	Setting	Em	ergency Setting	RM Key Setting				
VM-3000V/	A R	:M-300MF / F	RM-200M 🔣 RM-200	DM1 🔽 💟 G	eneral	Number of i	RM-210s 2	
Course DM				- Franction	- 6		Next	
General RM  RM-200M	L	1	Name	▼ Function	V Cur	ntents1	▼ Contents2	
>		2			~	_		
>		3			~			
>		4			~			
>	R	1	RM200M/1 R1	Zone Selection	¥	Zone1	VA-GENERAL-CO	1 💌
>	_	2	RM200M/1 R2	Zone Selection	¥ .	Zone2	VA-GENERAL-CO	2 👻
>		3	RM200M/1 R3	Zone Selection	<b>×</b>	Zone3	VA-GENERAL-CO	
>		4	RM200M/1 R4	Zone Selection	× _	Zone4	VA-GENERAL-CO	
>		5	RM200M/1 R5	Zone Selection	× _	Zone5	VA-GENERAL-CO	
>		6	RM200M/1 R6	Zone Selection		Zone6	VA-GENERAL-CO	6 💙
		7	RM200M/1 R7	EV Start EV Start	 ▼	EV-1 EV-2	✓	
>		8	RM200M/1 R8	EV Start EV Start		EV-2 EV-3	×	
>		9	RM200M/1 R10	EV Start		EV-4	▼	
			1111200111110					

If the RM-200M is selected, the screen for setting its key functions will be displayed. (Refer to page 50.)

#### 10.3.1. 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.

(F) Language(L)	Com	munication(C	:) Utility(U) Help(H)				
M-3000	-	System	Surveillance Priorit	y Zone E	vent Log		Error List
Event Setting							
General Se	etting	Er	nergency Setting	RM Key Setting			
VM-3000VA		RM-300MF/	RM-200M	V1 👻 💓 Gene	ral Number of	RM-210s 2	
				(1)		Next (7)	
General RM (2) RM-200M	L	1	r Name (3)	▼ Function (4)	▼ Contents1 (៦)	▼ Contents2 ()	
	L	2					
,		3					
,		4					
,	R	1	RM200M/1 R1	Zone Selection	Zone1	VA-GENERAL-CO1	✓
,		2	RM200M/1 R2	Zone Selection	Zone2	VA-GENERAL-CO2	<b>~</b>
›		3	RM200M/1 R3	Zone Selection	Zone3	VA-GENERAL-CO3	<b>~</b>
>		4	RM200M/1 R4	Zone Selection	Zone4	VA-GENERAL-CO4	<b>~</b>
		5	RM 200M/1 R5	Zone Selection	Zone5	VA-GENERAL-CO5	<b>×</b>
		6	RM200M/1 R6	Zone Selection	Zone6	VA-GENERAL-CO6	<b>·</b>
		7	RM200M/1 R7	EV Start	EV-1	<b>*</b>	
		8	RM200M/1 R8	EV Start	EV-2	✓	
>		9	RM200M/1 R9	EV Start	EV-3	✓	
,		10	RM200M/1 R10	EV Start	EV-4	<b>~</b>	

#### (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)

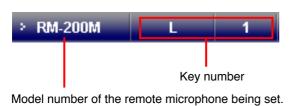
#### Note

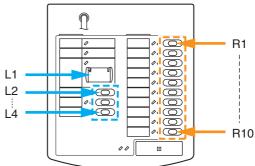
As the use of RM-210 is not certified to UL2572 and CAN/ULC-S576 for Mass Notification System, leave this value set to "0" (default).

#### (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.





#### (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.

|--|

#### (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 42) 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), leave this item unchanged as "Disable."

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

#### (7) Next button

Not used.

## 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.

M-31		System	Surveilla	nce Priority	Zone	Event	Log		Error List
og			(2)	(3)			(4)		
	VA->PC	Log F	ile Reading	Log File Sa	ve		Display	All Li	Dg
No.	YYYY/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	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	
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	i i
69	2008/08/01	11:00:03	Normal	Operation	E	1	Control input1	EV start	
70	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	
72	2008/08/01	11:00:06	Normal	Operation	E	1	Control input1	Evacuation EV start	L I
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			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	3	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			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			Control input8	Fault output	<b>~</b>
<									>

#### (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 70). 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

		System	Survei	llance Priority	Zone	Event	Log		Error Lis
g Vi	A->PC	Logi	File Reading	Log File S	ave		Display	All Log	
No.	YYYY/MM/DD	Time	Mode	Kind	Equipment	Address	Factor	Contents 1	4
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	
	2008/08/01	11:00:01		Operation			Control input1	Zone selection	
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		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	E	3	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	
	2008/08/01	11:00:14		Operation			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	

#### Failure Log screen

u		System	Surveil	lance Priorit	y Zone	Event	Log		Error Lis
	A->PC	Logi	File Reading	Log File S	Save		Display	Failure Log	
No.	YYYY/MM/DD	Time	Mode	Kind	Equipment	Address	Factor	Contents 1	2
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	Power abnormality	
	2008/08/01	09:21:12	Normal	Failure	RM		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		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		Failure	Standby amplif		Standby amplif	AudioLine abnormality	
93	2008/08/01	09:41:03	Normal	Failure	Standby amplif		Standby amplif	DC fuse abnormality	
94	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.

/M-	System	Surveilland	e Priority	Zone	Event	Log			Error List
Erro	r List						(2)	Auto Repair	
ło.	Message	Menu1	Menu2	Unit	RM	Extension RM	Position	Data	Jump 🚺
	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
4	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
10	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

#### (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**

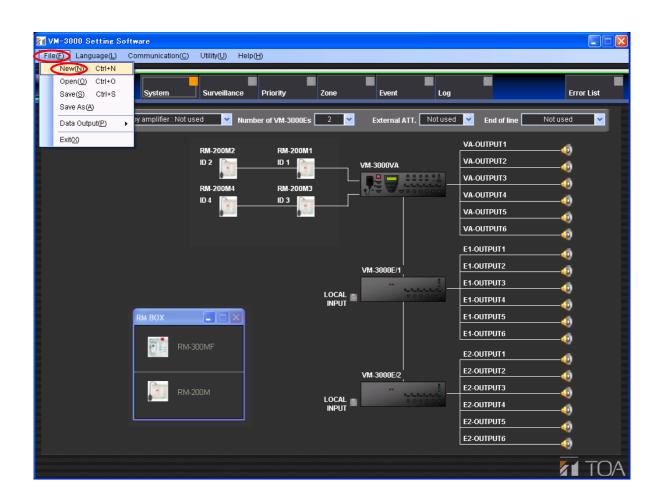
## 13.1. Creating a New Setting File

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 59.) 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.

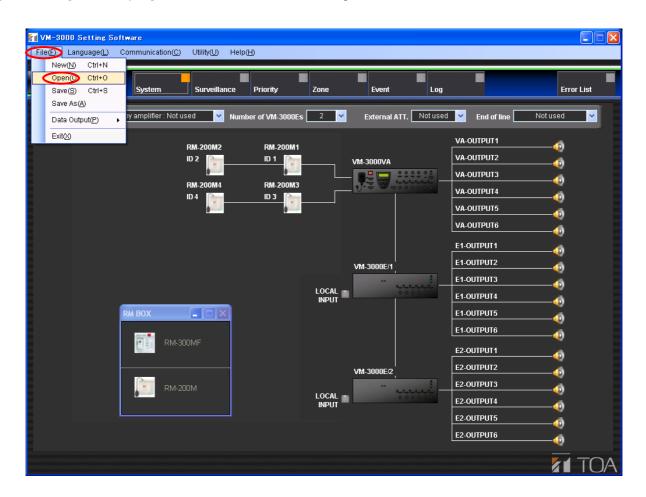
🚮 Informa	tion	
Q	The setting data was initialized.	
	ок	

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		*	0	ø	ø	<b></b> -	
My Recent Documents	WM3000.vmd							
Desktop My Documents								
My Computer								
	File <u>n</u> ame:	VM3000.vmd				~		<u>O</u> pen
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.

🚮 V	M-3000 Setting S	ioft	ware								
File	E Language(L)	С	ommunication(C)	Utility(U) He	lp(H)						
	New(N) Ctrl+N										
	Open( <u>O</u> ) Ctrl+O Save(S) Ctrl+S		System	Surveillance	Priority	Zone	Event	Log	-	Error List	
	Save As(A)		System		Phoney	Zone	LVCIR	LOG		Enteres	
	Data Output(P)	•	oy amplifier : Not u	used 🔽 Nu	mber of VM-3000Es [	2 🗸	External ATT.	Not used	🔽 End of line 🗌	Notused	
	Exit(X)										
		_		RM-200M2	RM-200M1				VA-OUTPUT1		
				ID 2 📷 🗕	ID 1 📄		VM-3000VA		VA-OUTPUT2		
				RM-200M4	RM-200M3				VA-OUTPUT3		
				ID 4	ID 3	_	0.0 000000	0.0.0	VA-OUTPUT4		
				, <u> </u>					VA-OUTPUT5		
									VA-OUTPUT6		
									E1-OUTPUT1		
							VM-3000E/1		E1-OUTPUT2		
							**	1	E1-OUTPUT3		
							0000		E1-OUTPUT4		
			RM BOX			INPUT			E1-OUTPUT5		
									E1-OUTPUT6		
			RM-	-300MF							
									E2-OUTPUT1		
							VM-3000E/2		E2-OUTPUT2		
			RM-	-200M			**	1	E2-OUTPUT3		
						local Input	000	0.0.0	E2-OUTPUT4		
									E2-OUTPUT5		
									E2-OUTPUT6		
											UA.

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) Help	Ш			
New(N) Ctrl+N Open(O) Ctrl+O Save(S) Ctrl+S Save As(A)	System Surveillance	Priority Zone	Event Log		Error List
	, by amplifier : Not used 🛛 🗸 Num	ber of VM-3000Es 2 🔽	External ATT. Not used	End of line	Vot used 🗸
Data Output(P)	Num				
Exit( <u>X</u> )	RM-200M2	RM-200M1		VA-OUTPUT1	6
	ID 2	ID 1	VM-3000VA	VA-OUTPUT2	
				VA-OUTPUT3	
	RM-200M4	RM-200M3	J	VA-OUTPUT4	
	ID 4 📴 —	ID 3		VA-OUTPUT5	
				VA-OUTPUT6	
				E1-OUTPUT1	
			 VM-3000E/1	E1-OUTPUT2	
				E1-OUTPUT3	
			00000	E1-OUTPUT4	
	RM BOX	INPOT		E1-OUTPUT5	
				E1-OUTPUT6	
	7 RM-300MF			E1-001P016	
				E2-OUTPUT1	
			 VM-3000E/2	E2-OUTPUT2	6
	🕅 RM-200М			E2-OUTPUT3	
	0		00000	E2-OUTPUT4	
				E2-OUTPUT5	
				E2-OUTPUT6	

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

Please select ti	he preserved file	е.				? 🛛
Savejn:	🚞 data		*	G 🦻	<del>ب</del>	
My Recent Documents	C VM3000.vmd					
My Documents						
My Computer						
	File <u>n</u> ame:	VM3000.vmd			*	<u>S</u> ave
My Network	Save as <u>t</u> ype:	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.



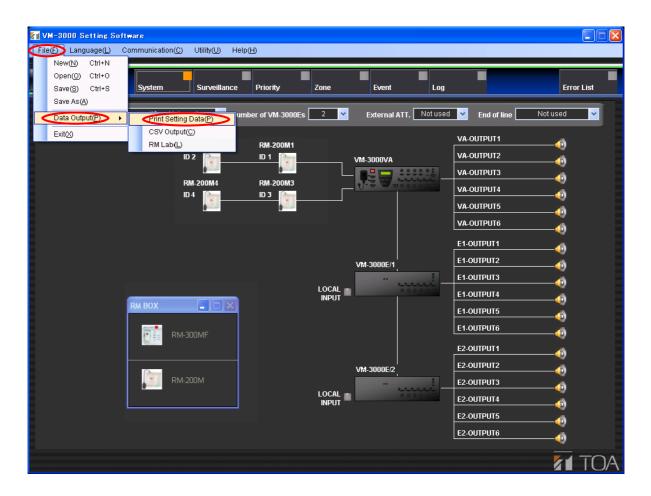
Step 4. Press the "OK" button.

The display returns to the currently displayed screen.

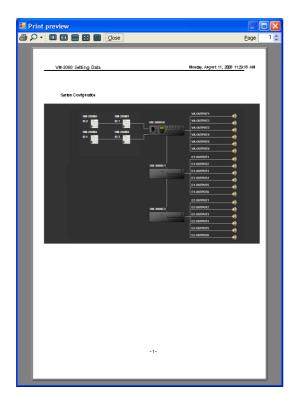
### 13.4. Printing Set Data

Print the set data.

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

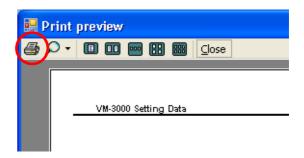


The print preview for the set data will be displayed.



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.



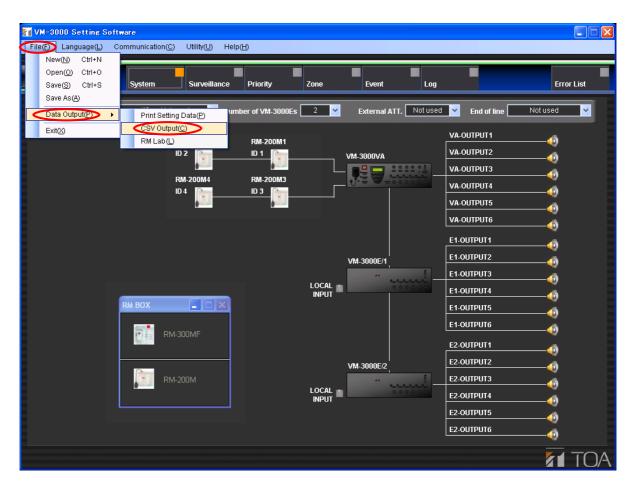
Step 3. Perform printing setting, then print the set data.

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.



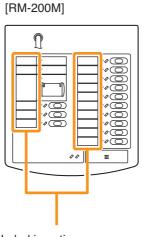
Step 4. Press the "OK" button.

The display returns to the currently displayed screen.

## **13.6. Printing Remote Microphone Labels**

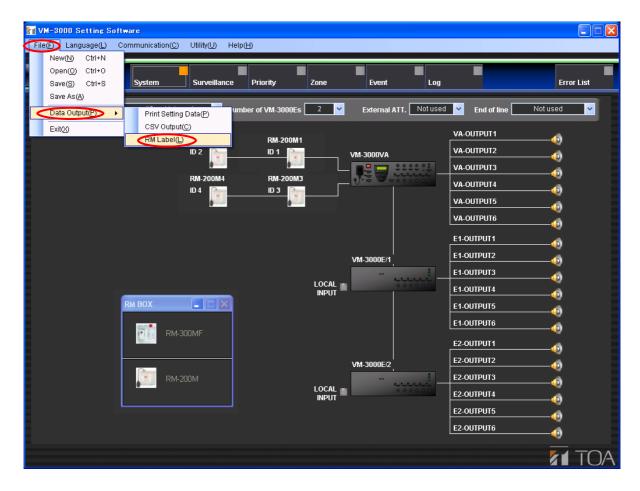
Remote microphone labels can be designed and printed.

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



Label insertion areas

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.

VM-3000VA RM-300MF/1	VM-3000VA P.M-300MF/1 P.M-320F/1	VM-3000VA R.M-300MF/1 R.M-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-3000VA RM-200M/1 RM-210/2	VM-3000VA RM-200M/1 RM-210/3	
(TRA-SIDAE/C.)	[]]#M-380F7(]]]	::::::::::::::::::::::::::::::::::::::	RM-320F/2	R.M-320F./2							
POWER	VA300MF/1320/	VA300MF/1320/	VA300M F/1320/	<u> </u>		POWER	RM-200M/1	RM-210/1 VA200M/1210/1	VA200M/1210/2	740-2103 VA200M/1210/3	
COM FAULT	11 VA300MF/1320/	VA300M F/1320/	21 VA300M F/1320/	VA300M F/1320/		COM FAULT	VA200M/1 R2	1 VA200M/1210/1	1 VA200M/1210/2	1 VA200M/1210/3	
CPUOFF	12 VA300MF/1320/	112 VA300MF/1320/	22 VA300M F/1320/	212 VA300M F/1320/		COMPAGE	VA200M/1 R3	2 VA200M/1210/1	2 VA200M/1210/2	2 VA200M/1210/3	
	13 VA300MF/1320/	113 VA300MF/1320/	23 VA300M F/1320/	213 VA300M F/1320/				3 VA200M/1210/1	3 VA200M/1210/2	3 VA200M/1210/3	
VA300MF/12	14 VA300MF/1320/	114 VA300MF/1320/	24 VA300M F/1320/	214 VA300M F/1320/			VA20011/1 R4	4 VA200M/1210/1	•	4	
VA300M F/1 3	15 VA300MF/1320/	115 VA300MF/1320/	25 VA300M F/1320/	215			VA200M/1 R5	5 VA200M/1210/1	5	5	
UNADDMINITS	16 VA300MF/1320/	116 VA300MF/1320/	26 VA300M F/1320/	216			VA200M/1 R6	6 VA200M/1210/1	6 VA200M/1210/2	6	
VA300MF/14	17 VA300M F/1320/	117	27 VA300M F/1320/	217 VA300M F/1320/			VA200M/1 R7	7	1	7	
	18	118	28	218			VA20011/1 R8	VA200M/1210/1 8	8	8	
TALK	VA300MF/1320/ 19	119	VA300M F/1320/ 29	219			VA200M/1 R9	VA200M/1210/1 9	VA200M/1210/2 9	9	
	110 :	VA300MF/1320/ 120	210	220			VA200M/1 R 10	VA200M/1210/1 10	VA200M/1210/2 10	VA200M/1210/3 10	

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

🔡 Print p	review		
<b>⊜</b>	••••	IIII <u>⊂</u> lose	
	VM-3000VA RM-300MF/1	VM-3000VA RM-300MF/1 RM-320F/1	VM-3000VA RM-300MF/1 RM-320F/1
	RM-300MF/1	CRM-320F7( VA300MF7(320/ 11	RM-320F/1 VA300MF/1320/ 111

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

#### Notes

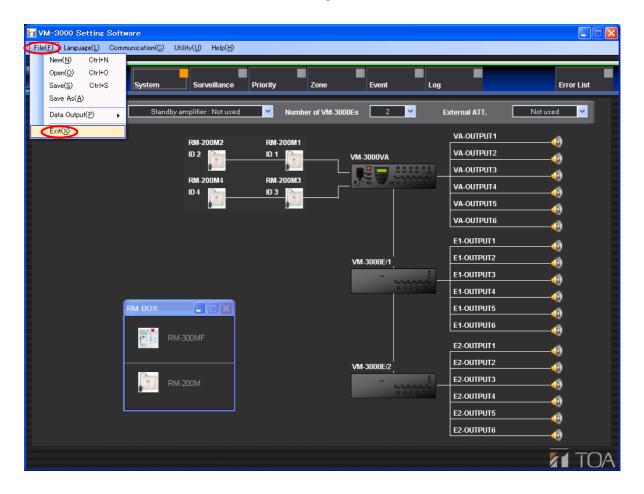
- Depending upon the type of printer used, the printed results of the output area or label width may differ.
- Use paper less than 0.2 mm thick.

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 59.)

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.

<mark>⋛∏</mark> VM-3000 Setting Software				
File(E) Language(I Communication) Utility(U)	Help(H)			
Setting Data : VA->PC(D) Setting Data : PC->VA(U)				
Setting Data : PC->VA(U)	Priority Zone	Event Log		Error List
System Type Standby amplifier : Not used 👻	Number of VM-3000Es 2	External ATT. Not used	End of line	Not used 👻
RM-200M2	RM-200M1		VA-OUTPUT1	
D2	ID 1 📷	VM-3000VA	VA-OUTPUT2	
	••••••••••••••••••••••••••••••••••••••		VA-OUTPUT3	
RM-200M4 ID 4	RM-200M3	1.0 0 000000	VA-OUTPUT4	
			VA-OUTPUT5	
			VA-OUTPUT6	
			E1-OUTPUT1	
		VM-3000E/1	E1-OUTPUT2	
			E1-OUTPUT3	
	LOCA INPL		E1-OUTPUT4	
RM BOX			E1-OUTPUT5	
	1		E1-OUTPUT6	
RM-300MF			E2-OUTPUT1	
			E2-OUTPUT2	
		VM-3000E/2	E2-OUTPUT2	
RM-200M	LOCA INPL	L		
	INPL	П	E2-OUTPUT4	
			E2-OUTPUT5	
			E2-OUTPUT6	

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.

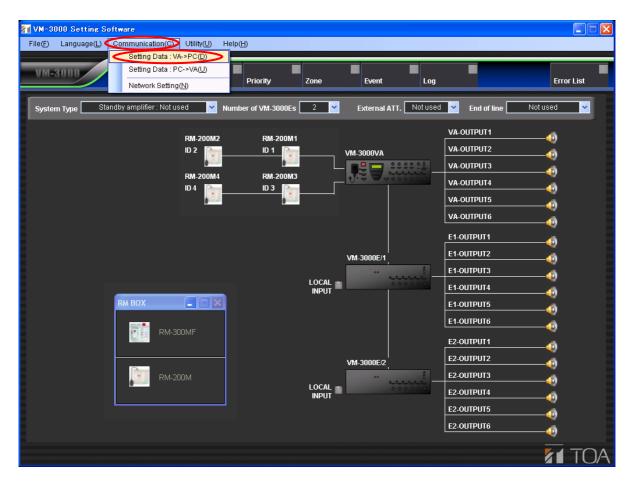
#### Notes

- 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 70).
- 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 → Setting Data: VA->PC" from the menu bar of the Setting Software screen.

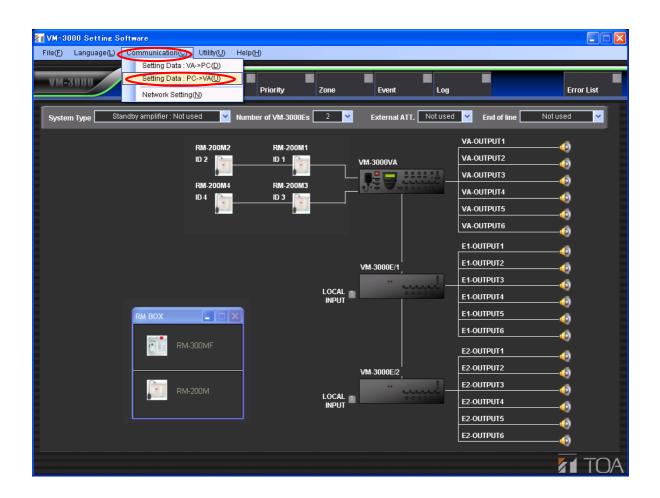


The transferred setting content is displayed on the current setting screen when the data has been transferred. In this event, the VM-3000VA's LCD screen displays as follows:



#### 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

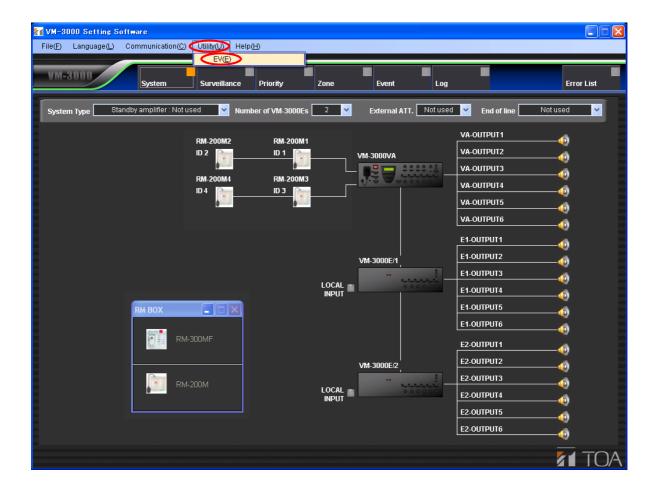
EV message files to be used by the VM-3000VA can be written into the VM-3000VA from a PC or loaded into the PC from the VM-3000VA.

#### Notes

- This function is independent from the set data transfer function (page 72).
- To use this function, be sure to perform network settings in advance (page 70).
- 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.

	(3) ▼ EV	(4) ▼ File Select		<mark>(5)</mark> ▼ Play / Stop	(6) ▼ PC -> VM-3000VA	<mark>(7)</mark> ▼ Size
> General	EV-1		Reference		Delete	
>	EV-2	_	Reference		Delete	
>	EV-3		Reference		Delete	
>	EV-4		Reference		Delete	
>	EV-5		Reference		Delete	
· (0)	EV-6		Reference		Delete	
(2)	Europeate EV		Beforess		Delete	
> Emergency	Evacuate EV		Reference		Delete	
>	Alert EV		Reference		Delete	

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.

					(10)
	💌 EV	🗴 File Select	(2)	(3) <b>→</b> P( <b>s</b> ,4)to(	5) 🗴 PC -> VM-3000VA 💌 Size
> General	EV-1	VMEVMSG1.WAV	Reference	Reset 🖸 🖸	PC -> VM-3000VA (6)516 K
>	EV-2	VMEVMSG2.WAV	Reference	Reset	PC -> VM-3000VA 492 K
	EV-3	VMEVMSG3.WAV	Reference	Reset	PC -> VM-3000VA 486 K
>	EV-4		Reference		Delete (7)
>	EV-5		Reference		Delete
>	EV-6		Reference		Delete
> Emergency	Evacuate EV	VMEVEMG1.WAV	Reference	Reset	PC -> VM-3000VA 399 K
>	Alert EV	VMEVEMG2.WAV	Reference	Reset 💽	PC -> VM-3000VA 389 K
		(8)	(9)	🔻 Total Size	

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

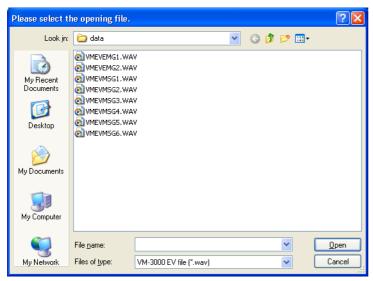
Reads the VM-3000VA's registered EV message files into the PC's message file registration screen.

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.

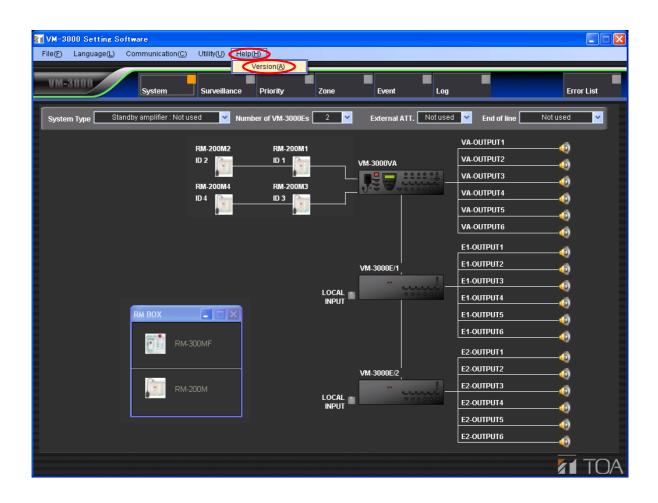
#### 13.11.4. Individual EV message file erasure

- 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.



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