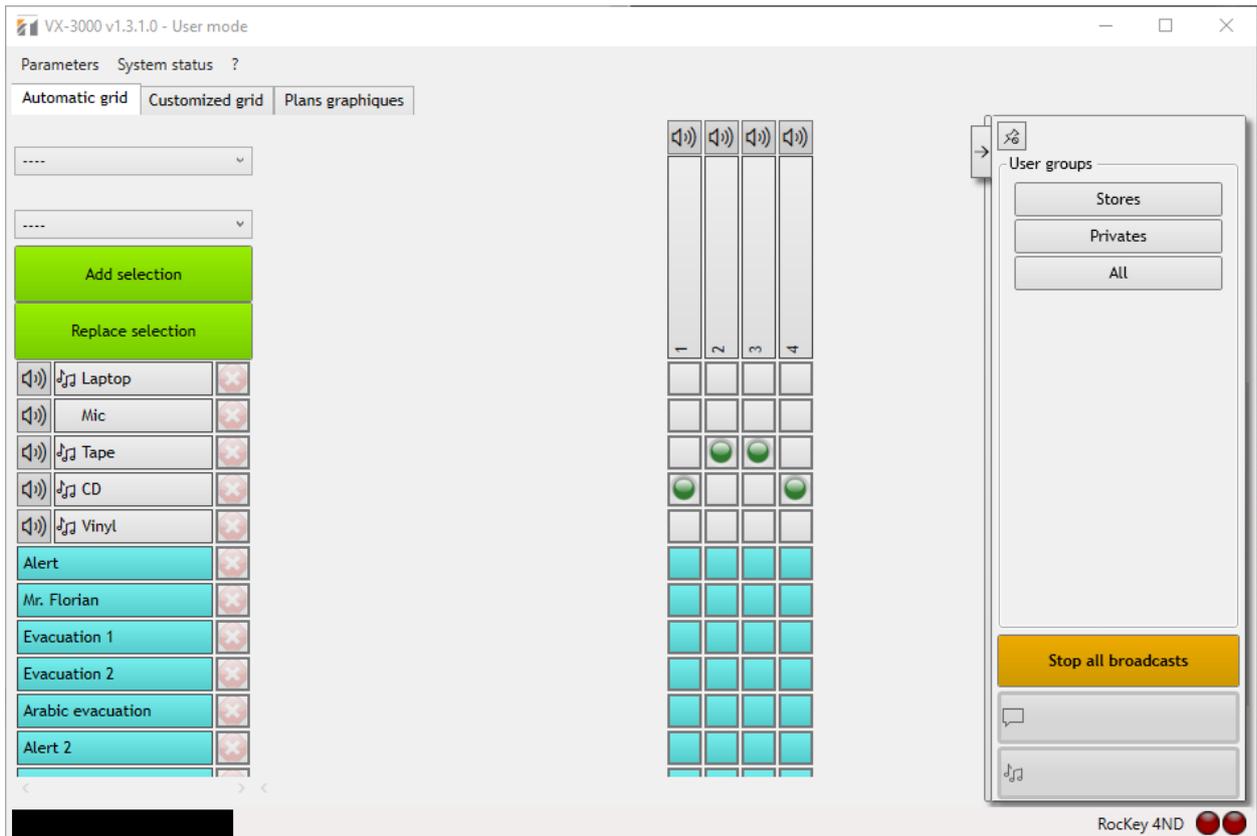


# VX3000 AUDIO MANAGEMENT SOFTWARE

Version 1.3.1.0



VX-3000 Setting Software version: 5.0

# Content

1. OUTLINE.....	3
2. NOTES ON PERFORMING SETTINGS AND OPERATION .....	3
2.1. SYSTEM REQUIREMENTS .....	3
2.2. DISPLAYS .....	3
2.3. WINDOWS SCREENS .....	3
3. SOFTWARE SETUP.....	4
3.1. AUDIO MANAGEMENT SOFTWARE INSTALLATION.....	4
3.2. AUDIO MANAGEMENT SOFTWARE DE-INSTALLATION .....	5
3.3. FIRST STEPS .....	5
4. CONFIGURATION AND SETTING .....	6
4.1. FILE .....	6
4.2. PARAMETERS .....	7
4.2.1. <i>Enter administrator mode</i> .....	7
4.2.2. <i>VX Modules Setting</i> .....	8
4.2.3. <i>Inputs volume settings</i> .....	11
4.2.4. <i>Outputs volume settings</i> .....	11
4.2.5. <i>Maps editor</i> .....	12
4.2.6. <i>Web users</i> .....	12
4.2.7. <i>Preferences</i> .....	13
4.3. AUDIO FILES SETTING .....	14
4.3.1. <i>Text to speech messages</i> .....	14
4.3.2. <i>Messages groups</i> .....	15
4.3.3. <i>Scheduled messages groups</i> .....	15
4.3.4. <i>Music playlists</i> .....	16
4.3.5. <i>Scheduled playlists</i> .....	16
4.4. SYSTEM STATUS .....	17
5. OPERATING.....	18
5.1. GRID VIEW .....	18
5.2. MAP VIEW (PLANS GRAPHIQUES) .....	20
5.2.1. <i>Setup pseudo-mics keys</i> .....	21
6. USER MODE GRID VIEW .....	22
7. USER MODE MAP VIEW .....	23

## 1. OUTLINE

This Audio Management Software is designed to be installed on a PC and to be used exclusively for status indication and controlling audio broadcasts of an installed VX-3000 system. It shall not be used for fire emergency when the EN 54-16 shall be met.

At some places, the settings of the VX-3000 system have to be adjusted with the VX-3000 Setting Software. The Audio Management Software cannot replace the VX-3000 Setting Software!

The software shall be configured by an educated person so that the end-user can use it conveniently. Two different displays for operating the VX-3000 are available:

- a grid view (“automatic grid” and “customised grid”): grid operation, convenient for persons with technical skills. Can be configured quickly
- a map view (“Plans graphiques”): intuitive operation on a map, convenient for people with low technical skills. The configuration is more complex than the grid view

Audio broadcasts can be routed from sources to areas as far as the system is set. The settings allow to limit the broadcast routing as required in the system.

A timer/scheduler function allows automatic broadcasts at pre-set times, as one-shot, repetitive or embedded in a week (weekday-wise). The PC can be used as audio source for music and messages that can be scheduled by the previously mentioned function.

The maximum number of simultaneous operating Audio Management Softwares is limited to four.

## 2. NOTES ON PERFORMING SETTINGS AND OPERATION

### 2.1. System Requirements

- OS: Windows 7 (32 bit/64 bit), Windows 8.1 (32 bit/64 bit), Windows 10 (32 bit/64 bit)
- Required component: Microsoft .NET Framework 4.7.2 (when the OS is Windows 7 or Windows 8.1), provided with the software
- CPU: 1 GHz or faster
- Memory: 1 GB or more

#### Note

Microsoft and Windows are the registered trademarks of Microsoft Corporation in the United States and other countries.

### 2.2. Displays

The VX-3000 Audio Management 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.

### 2.3. Windows Screens

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

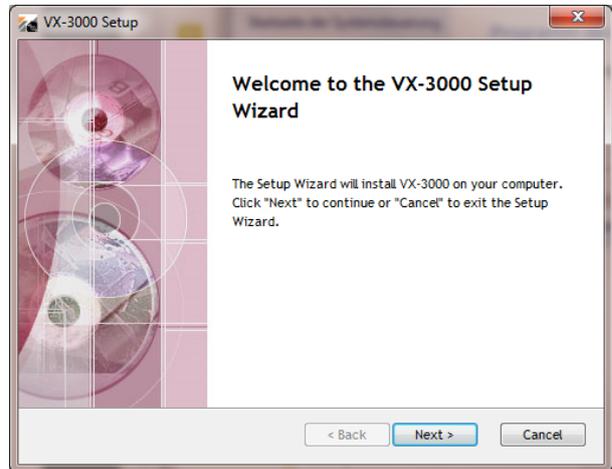
### 3. SOFTWARE SETUP

#### 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. Audio Management Software Installation

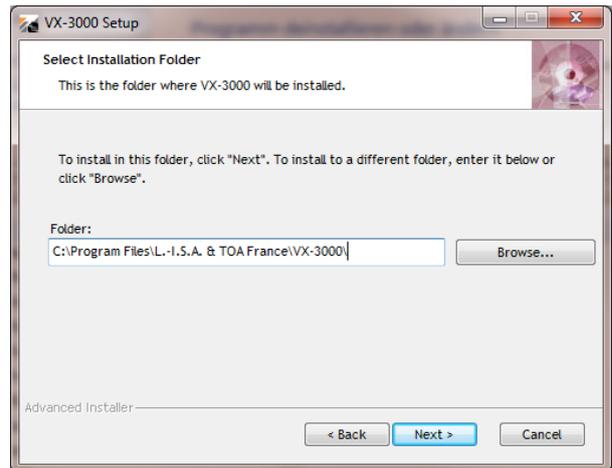
**Step 1:** Click on  [setup.exe] in the operating software folder included on the supplied USB flash. The installation wizard screen is displayed.



**Step 2:** Click the [Next] button

The installation folder selection screen appears.

Change the folder if wanted by clicking onto the [Browse...] button or use the default folder indicated.

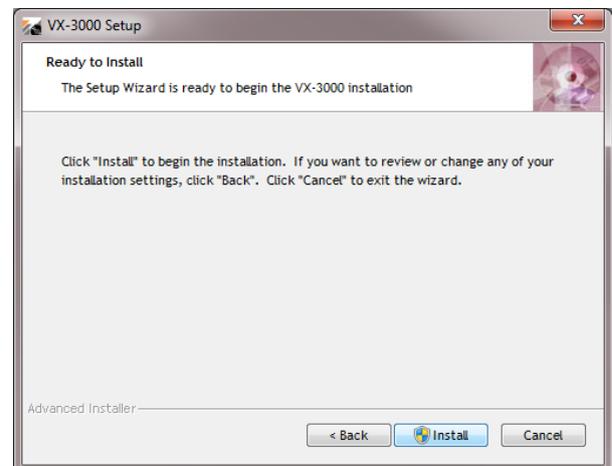


**Step 3:** Click the [Next] button

The “Ready to Install” windows pops up.

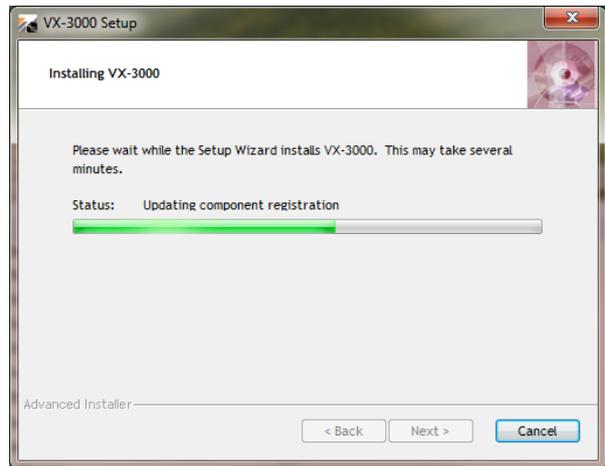
**Step 4:** Click the [Install] button.

If you are not administrator, then a window pops up in which the administrator can enter his username and password.

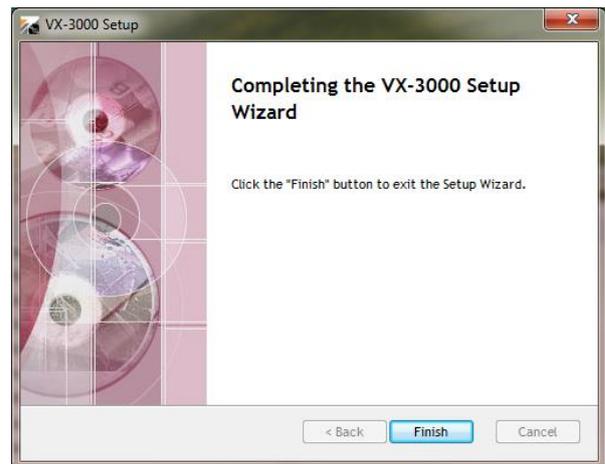


## VX-3000 Audio Management Software

The software is being installed



**Step 5:** When the screen shown right appears, then click [Finish] to finalise the installation.



### 3.2. Audio Management Software De-Installation

You can de-install the software by using the standard Windows functions of installing and de-installing programs (software).

To do so, select settings of Windows and navigate until software de-installation. It will display all installed software. Scroll until you find the line:



Put the cursor onto the line and click with the right mouse button, then a pop-up appears showing “de-install”. Click onto this pop-up button to de-install the software. Follow the instruction inside the de-installation window until the de-installation is complete.

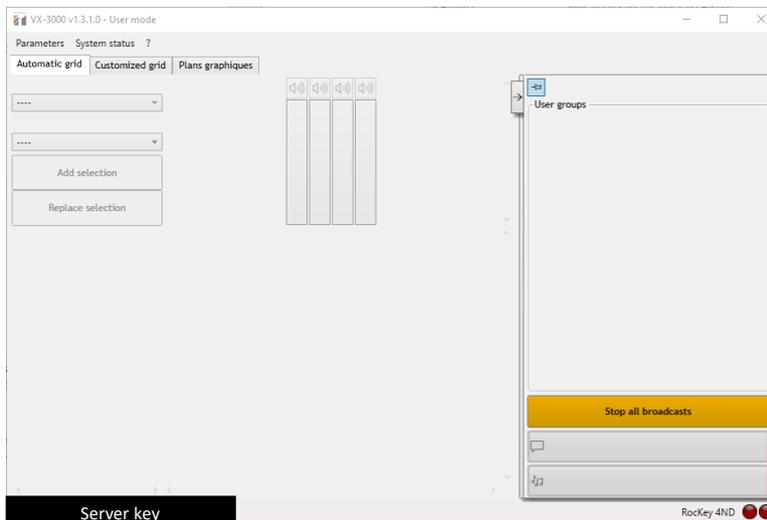
### 3.3. First Steps

Make sure that the VX-3000 system is running properly and that the LAN-connection is correctly installed. The system-key dongle shall be recognized by the computer before you start the software. The IP-address needs to be set to 192.168.14.X, where X shall be an unused address. The IP-address can be changed in the adapter settings. Right click on the network that connects the computer and the VX-3000 system and choose properties. Select Internet Protocol Version 4 (TCP/IPv4) and click on properties. Enter the IP address and Subnet mask (255.255.255.0) and confirm the setting. Start the software.

## 4. CONFIGURATION AND SETTING

The Audio Management Software will take over the language selection from Windows. Currently available are English, French, Italian and German. The basic setting is English.

Every setting and configuration can only be done in the administrator mode. Since the software always starts in the user mode by default, you have to enter the administrator mode first. Go to [Parameters] and choose [Enter administrator mode]. A password is not required for the first setup and remains optional during operation.



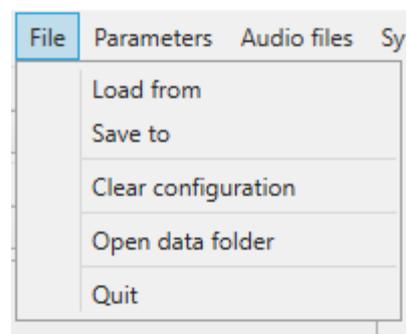
The Audio Management Software is to be configured by the installer before it can be used by the end-user. The software has an administrator mode for configuring the settings and the user interface and a user mode for operating the system. The user mode can be utilised either with a grid (“automatic or customized grid”) or a customised building map (“plans graphique”, in the following “map view”) which is more convenient for external or beginner users.

The manual can be used as a step-by-step instruction for a first setup.

### 4.1. File

The menu [File] contains fundamental functions of a software.

- Load from: Open a configuration from the computer or USB flash drive.
- Save to: Store the current configuration on the computer or USB flash drive.
- Clear configuration: Delete the whole configuration. This function needs to be confirmed.
- Open data folder: Opens a window of the folder where the necessary files are stored e.g. the maps, the music or the message files.
- Quit: Closes the application. This function needs to be confirmed.

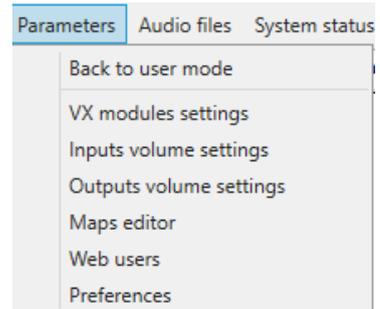
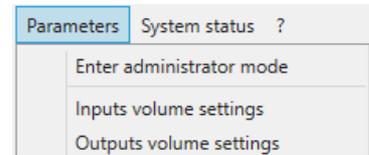


The software starts in the last used configuration, even without saving the configuration. It is still highly recommended to save the settings.

## 4.2. Parameters

The menu “Parameters” contains all settings for the system configuration which is the base for most other settings. It contains the following settings:

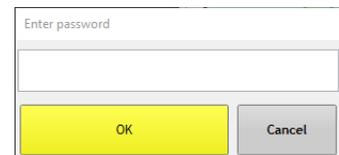
- Enter administrator mode: Switch to the administrator mode. The software starts in the user mode by default. The administrator mode can be secured with a password.
- VX modules setting: The most essential and basic settings are configured here.
- Input volume setting: Basic setting of the volume of chosen audio sources. The Audio Management Software adopts the input settings stored on the VX-3000 system.
- Output volume setting: Basic setting of the volume of chosen amplifier outputs of the VX-3000.
- Maps editor: Configuration of the map view.
- Web users: Enable the access to the software for users through the network.
- Preferences: Selection of the screen type, scaling the screen and elements, selection of the computer’s sources



### 4.2.1. Enter administrator mode

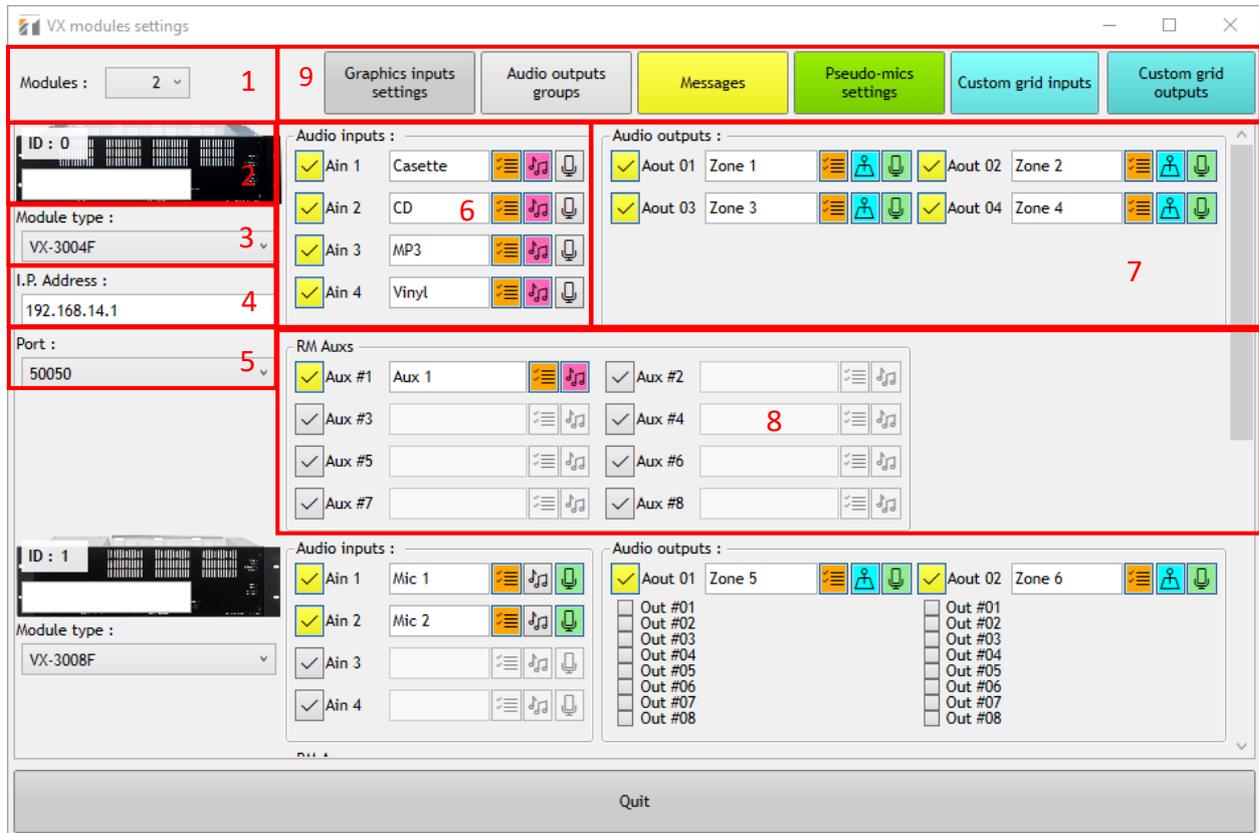
As mentioned before, the Audio Management Software starts in user mode by default. The user mode serves only for the operation of the VX-3000 system and does not allow any change in the settings. If the administrator mode is secured with a password (see chapter 4.2.7), a password screen will appear.

Enter the password and confirm with [OK].



### 4.2.2. VX Modules Setting

The VX-3000 system configuration is to be entered in this menu. Here you decide which inputs and outputs you want to control by this software. It is not required to insert system components that you do not want to control. It is important to enter the IP address of the master frame (first frame with ID:0) that shall be controlled.



- 1 Select the number of VX-3000 frames of the system. The screen will change by indicating each frame's entry masks.
- 2 You can enter a name for each frame (optional).
- 3 Select the VX-3000 frame model.
- 4 Enter the IP address of the master (first) frame with ID: 0. The first frame needs to be addressed.
- 5 This field already contains the default port for remote control start. If that was changed on the VX-3000 system, then enter the new port number that is indicated in the VX-3000 setting software in the menu [Network settings -> TCP Port] at "Remote control Start Port". The port is used for communication between VX-3000 and more than one controller. Switch between the ports in the Audio Management Software to improve the communication between computer and VX-3000, when using the Audio Management Software as well as the VX-3000 Setting Software.
- 6 Audio input setting: Click the checkbox () when the audio input shall be controlled by this software. It is confirmed when the background is yellow (). In the blank field you can enter a name for the audio input.

 : The channel shall be operable in the grid view and the map view. For the map view, additional configurations in the "Graphics inputs settings" are necessary.

 : The channel is a background music source and you want to control its output volume different from general broadcasts. The output volume allows different volume settings for background music and general audio sources.

## VX-3000 Audio Management Software

 : The channel shall be used as a “pseudo mic” (see chapter 4.2.2.4)

The priority of the source can be set in the VX-3000 setting software [VX-3000 Setting Software -> Priority settings -> Audio In] or to change the type [VX-3000 Setting Software -> Unit configuration settings -> Settings for Audio Input (click on the input of a unit)].

- 7 Audio output setting: Click onto the checkbox () when the audio output shall be controlled by this software (). In the blank field you can enter a name for the audio input. Select any of the three symbols if

 : The corresponding audio output shall be operable in the grid view. It still will be shown if this function is not activated.

 : The corresponding audio output shall be displayed on the map.

 : Can be addressed as a target in the “pseudo-mics keys” setup (see chapter 5.2.1)

- 8 Settings for audio inputs (AUX) at remote microphones: Click onto the checkbox (left) when the audio input shall be controlled by this software. It is confirmed when the background is yellow. In the next field you can enter a name for the audio input. Select any of the two symbols if

 : The channel appears in the grid view

 : Declare the channel as background music

- 9 These are submenus with their own chapters.

Confirm with [Quit].

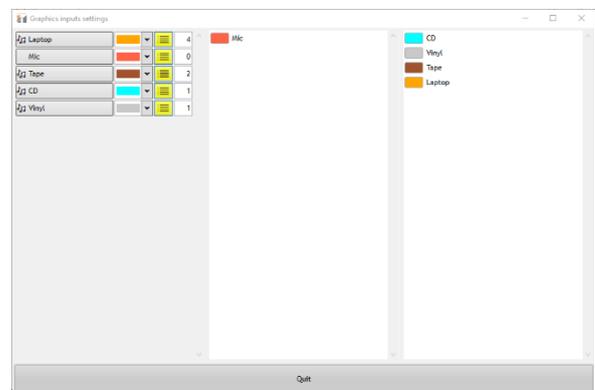
### 4.2.2.1. Graphics inputs settings

 Activate the Inputs for the Map view.

 Choose a colour for the input to create a better overview in the Map view.

Rearrange the inputs by changing the number. The inputs are sorted automatically between paging (left) and background music (right) sources.

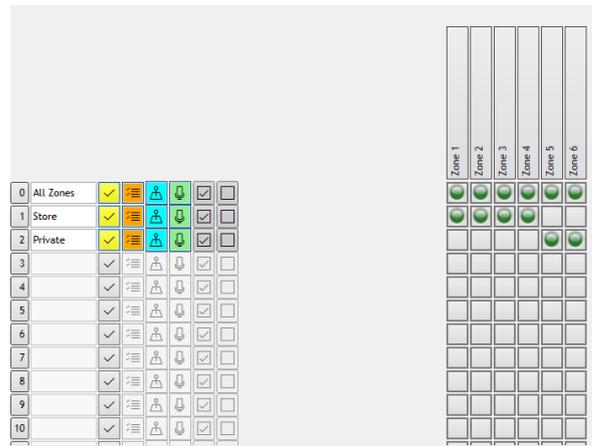
Confirm with [Quit].



### 4.2.2.2. Audio outputs groups

Several zones can be gathered in groups. These are useful in the customised grid and in the map view. There are up to 47 groups available.

- Activate the group.
-  The group shall appear in the grid view.
-  The group shall be displayed on the map (see chapters 4.2.4. und 5.2.).
-  Activate the paging for pseudo-mics setup (see chapter 5.2.1.).
- Check all audio outputs.
- Uncheck all audio outputs.

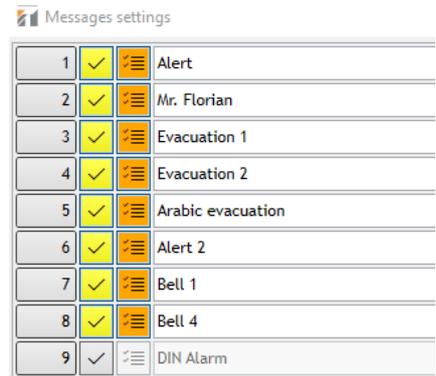


Confirm with [Quit].

### 4.2.2.3. Messages

The messages refer to the EV message No. of the VX-3000 Setting Software [VX 3000 Setting Software -> Internal EV settings -> EV message setting]. The Audio Management Software can activate the messages, but the messages must be created in the VX-3000 Setting Software.

- Activate the message.
-  The message shall be operable in the grid view and the map view. The message still will be shown greyed out in the grid view.

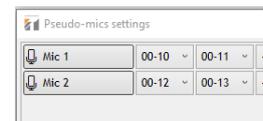


Activated messages behave due to their priority setting [VX 3000 Setting Software -> Priority Settings -> Internal EV].

Confirm with [Quit].

### 4.2.2.4. Pseudo-mics settings

This feature enables the activation of a paging microphone using the control input. The basic idea is to control the paging of a microphone to several zones with the Audio Management Software.



Select the control inputs which are linked with the paging microphone. Note that the control inputs must be set in the VX-3000 setting software [Event settings -> Control input -> Function] and that a function is chosen that does not have a "Related control output", e.g. "External failure input".

The number of created control inputs will correlate to the number of usable outputs. It is possible to select one control input multiple times. This is needed to page to multiple zones with one paging microphone.

Control input

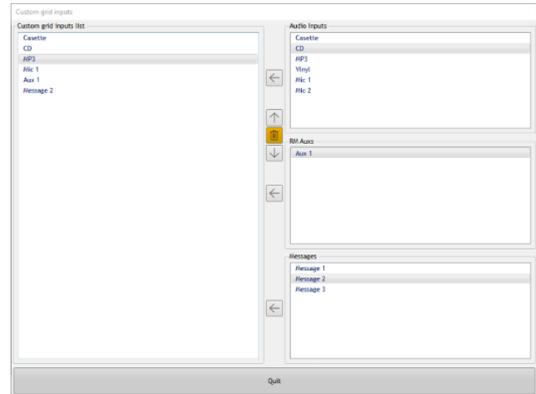
Name	Function	Polarity	Related control output	Contents1
1	CIN 0-1	Not used		
2	CIN 0-2	Not used		
3	CIN 0-3	Not used		
4	CIN 0-4	Not used		
5	CIN 0-5	Not used		
6	CIN 0-6	Not used		
7	CIN 0-7	Not used		
8	CIN 0-8	Not used		
9	CIN 0-9	External failure input		Failure when turning it on
10	CIN 0-10	External failure input		Failure when turning it on
11	CIN 0-11	External failure input		Failure when turning it on
12	CIN 0-12	External failure input		Failure when turning it on
13	CIN 0-13	Not used		
14	CIN 0-14	Not used		
15	CIN 0-15	Not used		
16	CIN 0-16	Not used		
17	EMG CINO-17	Not used		
18	EMG CINO-18	Not used		

Confirm with [Quit].

#### 4.2.2.5. Custom grid inputs and outputs

Create an individual list from the sources for the customised grid. Select a source and add it to the list by clicking . Rearrange an entry with the up and down arrows or by deleting entries with .

Confirm with [Quit].



When you have finished the changes in the VX modules settings, save the settings by clicking [Quit].

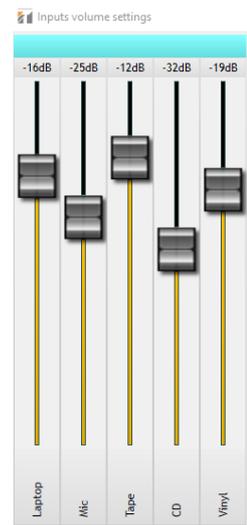
#### 4.2.3. Inputs volume settings

This is an overview of the input volumes. Adjust the faders by dragging them into position. The operation must be enabled in VX modules setting .

Each volume can be individually adjusted in the grid view .

The adjustments from the Audio Management Software are only temporarily saved on the VX-3000 System. The System will load the basic settings after a restart.

Confirm with [Quit].



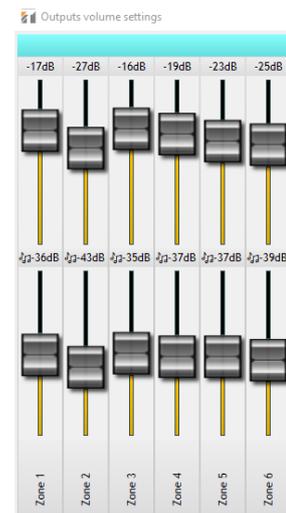
#### 4.2.4. Outputs volume settings

This is an overview of the output volumes. The upper fader adjusts the volume of paging sources  and the lower fader the as background music declared sources . The value corresponds to the difference between paging volume and background music volume.

Each volume can be individually adjusted in the grid and map view .

The adjustments from the Audio Management Software are only temporarily saved on the VX-3000 System. The System will load the basic settings after a restart.

Confirm with [Quit].

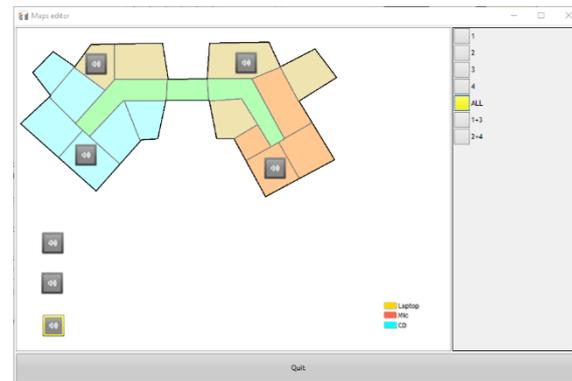


#### 4.2.5. Maps editor

Before using the Maps editor, paste a map in the maps folder [File > Open data folder > Maps]. The map must be PNG format, in a maximum size of 1280px x 960px and the name must be between “Map001.png” and “Map255.png”.

Currently only the first map “Map001.png” can be used. (V1.3.1.0)

All activated outputs (  ) and audio outputs groups are shown, can be selected and dragged to its rightful position. Please note that all output symbols are created on the same spot, so they are lying on each other at the beginning. By clicking on a zone or group in the overview on the right, its symbol gets highlighted in the map.



The graphics inputs settings are displayed in a legend. Its position can be customised.

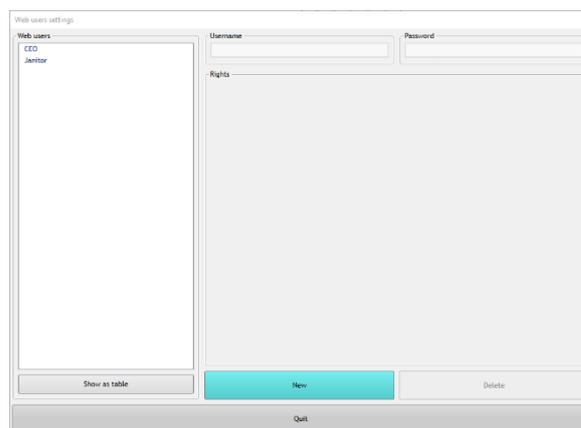
Confirm with [Quit].

#### 4.2.6. Web users

An external access to the System status can be set (see chapter 4.4). Therefore, a new user must be created. Enter the new username and password.

Confirm with [Quit] or with creating a new user [New].

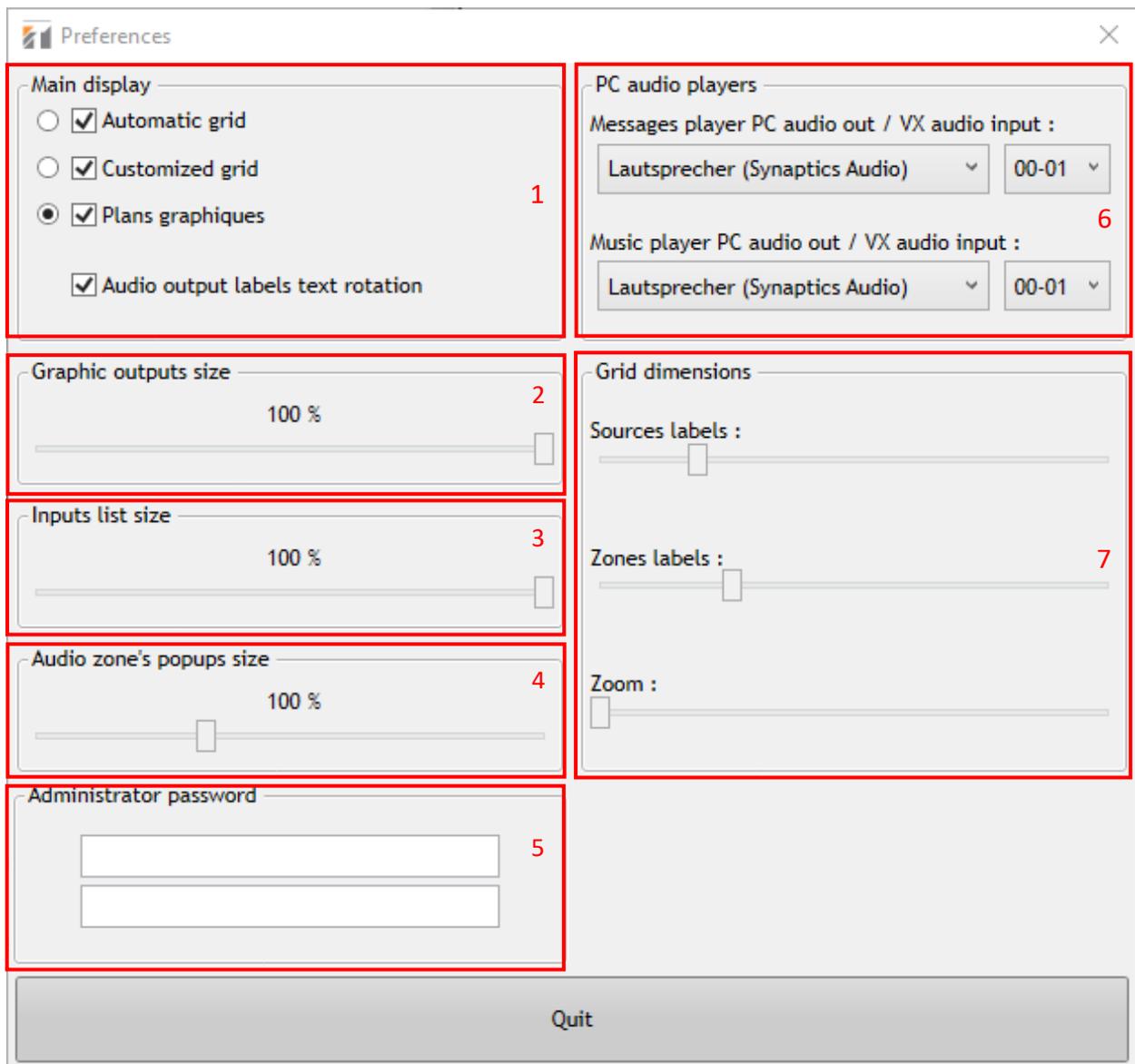
Alternatively, existing users can be updated or deleted by clicking on their name in the Web users list. After selecting the user change the name or the password in the corresponding blanks or delete the user by clicking [Delete].



To display the system status, type in the IP address of the PC, which has Audio Management Software installed, in the address bar of any web browser (e.g. Chrome, Firefox or Internet Explorer) from any computer on the same network and fill in the username and the password. Make sure that the PC and the Audio Management Software are running.

#### 4.2.7. Preferences

Basic settings for the layout of the Audio Management Software.



- 1 Switch between the automatic grid, customised grid and map view. The checkboxes activate or deactivate the available display for the user mode. The last checkbox changes the alignment of the audio output labels in the grid view.
- 2 Customise the size of the output graphics () in the map view.
- 3 Customise the size of the input legend in the map view.
- 4 Customise the size of the source popup menu in the map view after clicking on an output graphic.
- 5 Create a password to enter the administration mode. Enter the password in both fields. The fields will turn orange if the passwords do not match.

The password window will appear when entering the administration mode.

To reset the password, delete the passwords, so only the blanks are left.

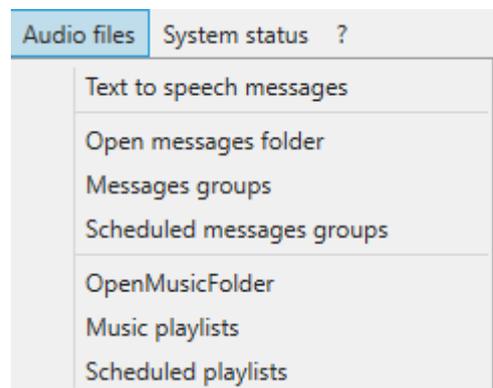
- 6 General setting to use the computer as a source for messages and music. Provide the Audio Management Software with the information about the physical connection between PC and VX-3000.
  - a. The left drop-down list selects the computers audio card, which is connected to the VX-3000.
  - b. The right drop-down menu shows the audio input on the VX-3000.
- 7 Customise the grid view.
  - a. Sources Labels changes the width of the source description.
  - b. Zones Labels changes the height of the output description.
  - c. Zoom changes the size of the grid.

Save the preferences with [Quit].

### 4.3. Audio files setting

The menu “Audio files” offers operations with audio files and sources

- Text to speech messages: Tool to transform a text to a voice file.
- Open message folder: Opens the folder path of the message folder for the VX-3000. Audio files in this folder can be used by the Audio Management Software.
- Messages groups: Create a playlist with files from the Messages folder and from the transformed texts.
- Schedule the Messages groups
- Open Music folder: Opens the folder path of the music folder. Audio files in this folder can be used by the Audio Management Software.
- Music playlist: Create a playlist with files from the music folder and from the transformed texts.
- Schedule the music playlists.



#### 4.3.1. Text to speech messages

Create a new Message with [New].

Insert a name in the first blank.

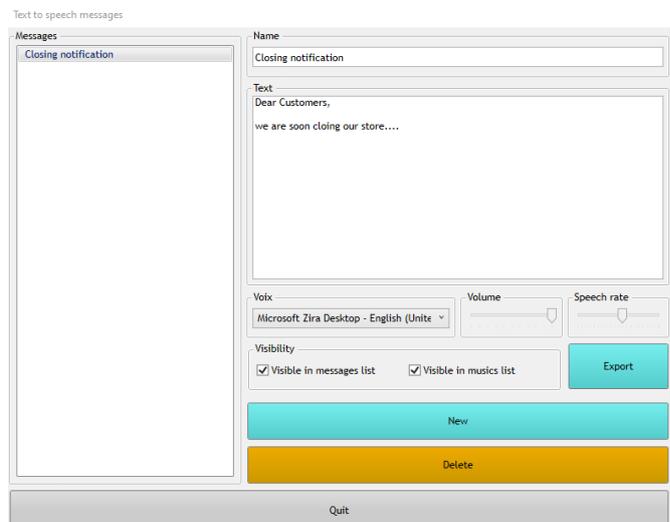
Transform a text to a spoken message by writing in the “Text” area. Adjust the language (Voix), the volume and the pace of the speech underneath the “Text” area.

Enable your message for playlists and scheduling by marking the options in “Visibility”.

The message can be saved as a .wav file by using [Export].

All steps and texts can be modified afterwards. The speeches can also be deleted with [Delete].

Confirm with [Quit].



### 4.3.2. Messages groups

Create a new Group with [New].

Insert a name in the first blank.

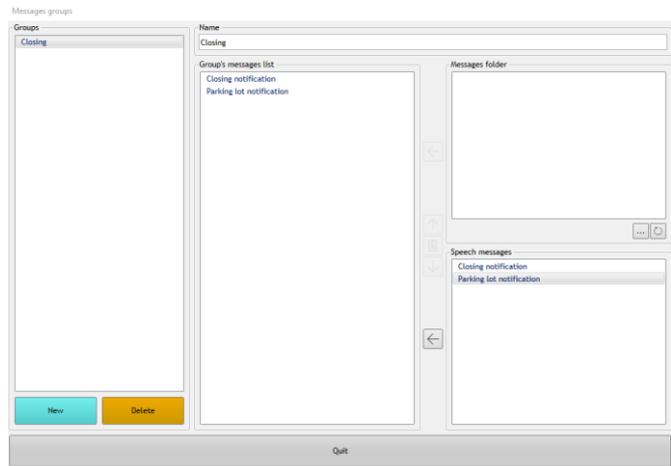
On the right are the sources displayed. Above are the files stored in the messenger folder and below are the transformed texts (see chapter 4.3.1).

Select the desired messages and put them to the group by using the arrow (←). You can rearrange the list by selecting a file and pushing it up or down with the arrows.

Delete selected messages or speech messages with the trash bin icon.

To delete a whole group, select it and click [Delete].

Confirm with [Quit].



### 4.3.3. Scheduled messages groups

Create a new schedule with [New].

Insert a name in the first blank field and choose the desired outputs on the right side.

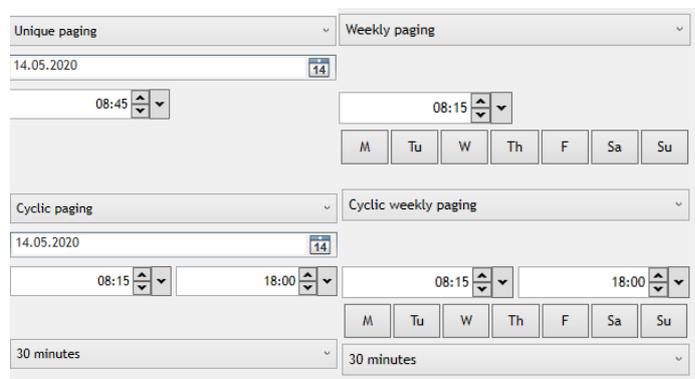
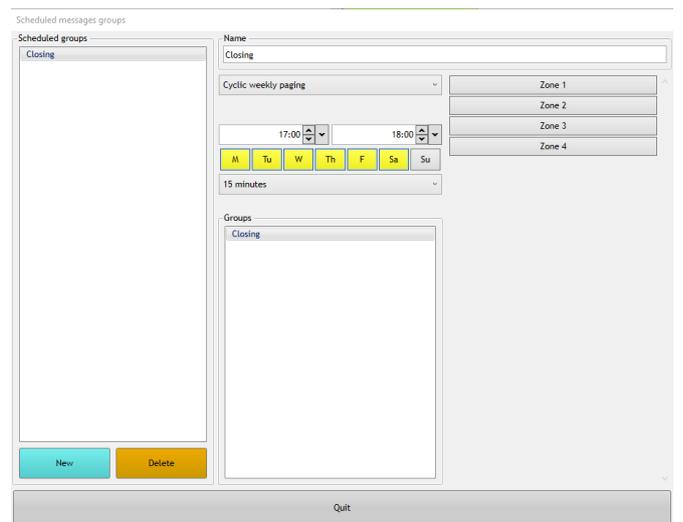
There are different options in the drop-down menu:

- Unique paging: The group will be played once at a fixed date and time.
- Weekly paging: The group will be played once a day at a fixed time and on selected days.
- Cyclic paging: The group will be repeated on a selected date within the chosen start and end time.
- Cyclic weekly paging: The group will be repeated on selected days within the chosen time.

The time and date can be changed either with manually entering numbers or by using the arrows and drop-down menu. The period of the repetitions can be changed in the drop-down menu.

The highlighted groups will be played. Multiple selection is possible by clicking on the groups while holding ctrl.

Confirm with [Quit].



### 4.3.4. Music playlists

Create a new playlist with [New] and Insert a name in the blank field.

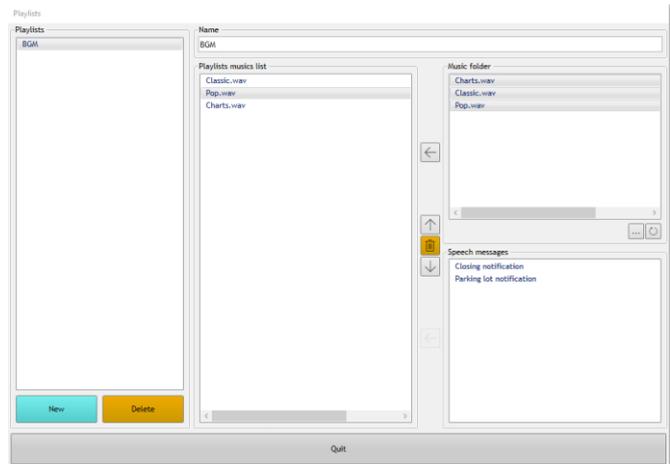
On the right are the sources displayed. Above are the files stored in the music folder and below are the transformed texts (see chapter 4.3.1).

Select the desired music files and put them to the group by using the arrow (←). You can rearrange the list by selecting a file and pushing it up or down with the arrows.

Delete selected music files or speech messages with the trash bin icon.

To delete a whole group, select it and click [Delete].

Confirm with [Quit].



### 4.3.5. Scheduled playlists

Create a new schedule with [New].

Insert a name in the first blank field and choose the desired outputs on the right side.

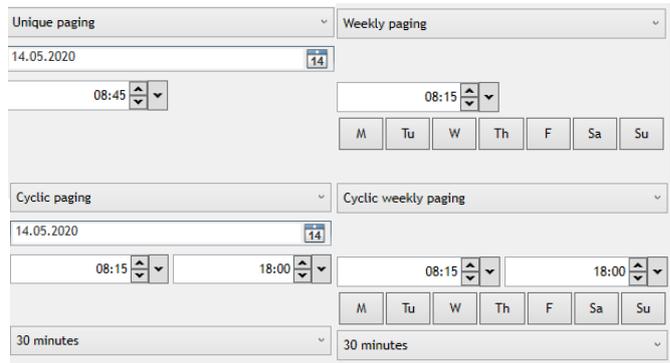
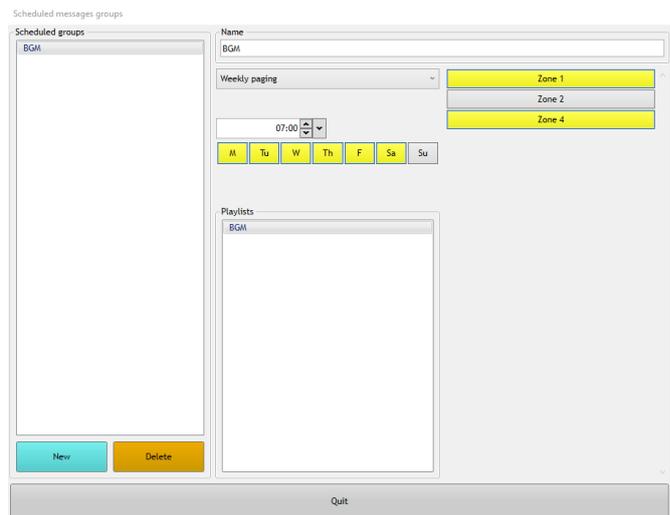
There are different options in the drop-down menu:

- Unique paging: The group will be played once at a fixed date and time.
- Weekly paging: The group will be played once a day at a fixed time and on selected days.
- Cyclic paging: The group will be repeated on a selected date within the chosen start and end time.
- Cyclic weekly paging: The group will be repeated on selected days within the chosen time.

The time and date can be changed either with manually entering numbers or by using the arrows and drop-down menu. The period of the repetitions can be changed in the drop-down menu.

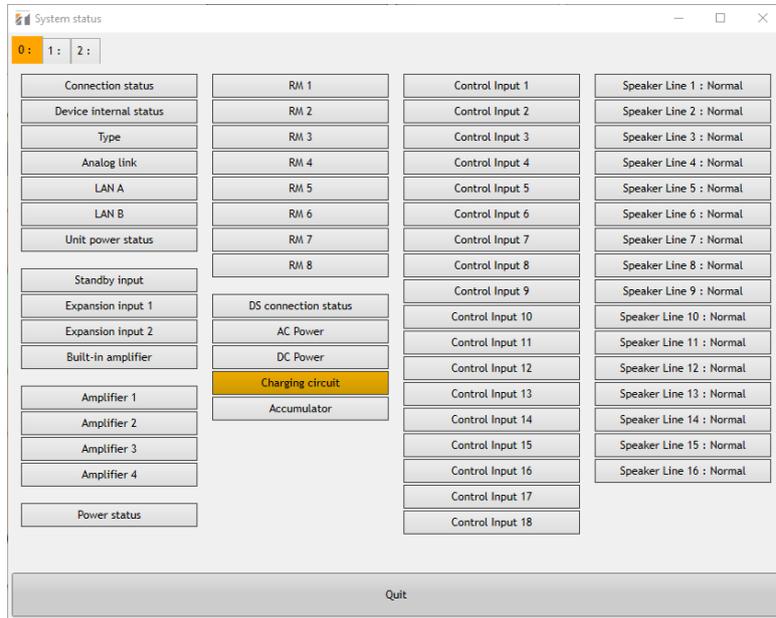
The highlighted playlists will be played. Multiple selection is possible by clicking on the groups while holding ctrl.

Confirm with [Quit].



### 4.4. System status

The system status displays the source of an occurring error Log of the VX-3000. The tab flashes orange if an error occurred.



## 5. Operating

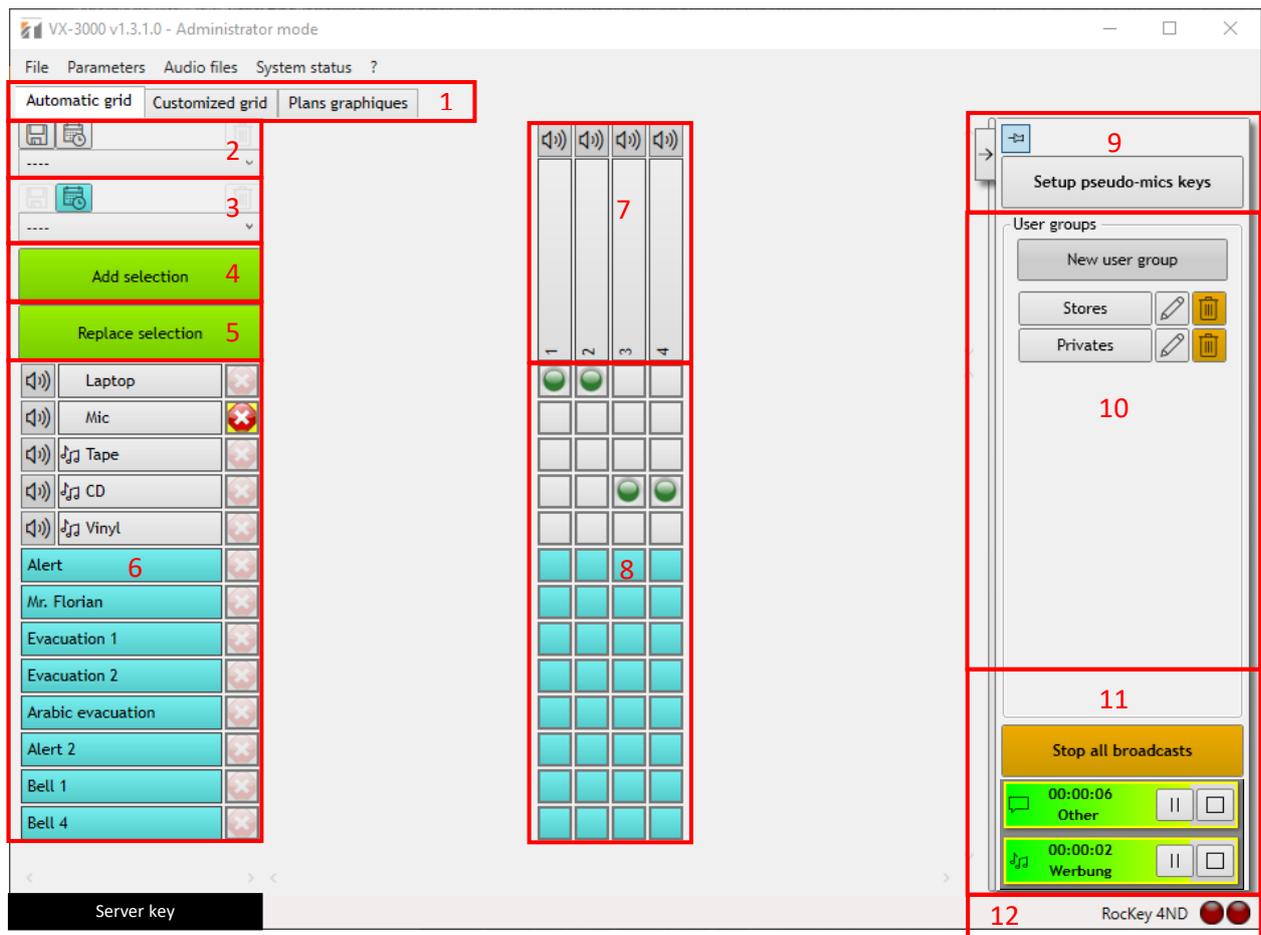
As mentioned before, two interfaces are available. In the grid view are quick and rough settings possible, but it needs a more specific introduction and lacks the “pseudo mic key” settings. The “plans graphiques” are preferably used by foreign users, due to the clarity and comprehensibility of the interface.

In the next chapters are simplified instructions for the user mode.

This software is not able to switch the VX-3000 system to the emergency mode or to operate the system during the emergency mode.

### 5.1. Grid view

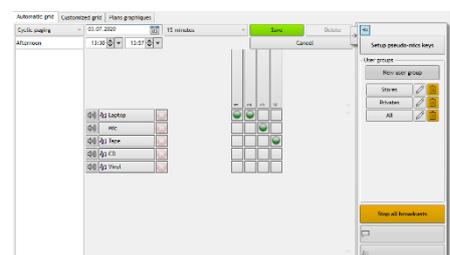
This summary applies to the Automatic grid as well as the customized grid.



- 1 Activated user interface tabs (see chapter 4.2.7 1).
- 2 Background music and paging preset. Individual zoning settings can be stored, recalled and scheduled here.

Select the zoning in the grey grid (see 8), save the selection with  and name the preset. In the drop-down menu are all saved presets. The selected preset will be added (“Add selection”) to or replace the current broadcast (“Replace selection”).

To schedule a preset, select the zoning in the grey grid and go to the schedule menu with . In the first drop-down menu can the mode be selected and underneath is a blank field for the name. Next to it are fields for setting date,



time and period or the day respectively, due to the selected schedule mode (for more detailed information see chapters 4.3.3 or 4.3.5).

Save the preset with [Save] or discard it with [Cancel].

To delete a selected scheduled preset click on .

- 3 Message pre-set. Individual zonings settings can be stored, recalled and scheduled here. The procedures are similar to the background music and paging preset.

Select the zoning in the blue grid (see 8), save the selection with  and name the preset. In the drop-down menu are all saved presets. The selected preset will be added (“Add selection”) to or replace the current broadcast (“Replace selection”).

- 4 Select [Add selection] to combine chosen selection with the active selection.
- 5 Select [Replace selection] to cancel the previous zoning selection and activate the chosen selection.
- 6 The configured ( see chapter 4.2.2) inputs including the [Messages] (see Chapter 4.2.2.3) from the VX-3000 Setting Software.

 Open the input volume fader settings.

 Mark: this source is declared as background music.

 Stop the broadcasting of this input. This setting has to be added to or replace the active broadcast.

- 7 The configured ( see chapter 4.2.2) outputs.

 Open the output volume fader setting. The fader at top controls paging sources, the fader below background music.

- 8 Selection grid. Note: only one input per output is selectable. The messages act due to their priority settings. Confirm the selection with “Add selection” or “Replace selection”
- 9 To configure the pseudo-mics keys, please check chapter 5.2.1. This option is not available in the user mode.

 Change the orientation point for the grid. Either it fixes to the border of the window or it fixes to the border of the collapsible menu.

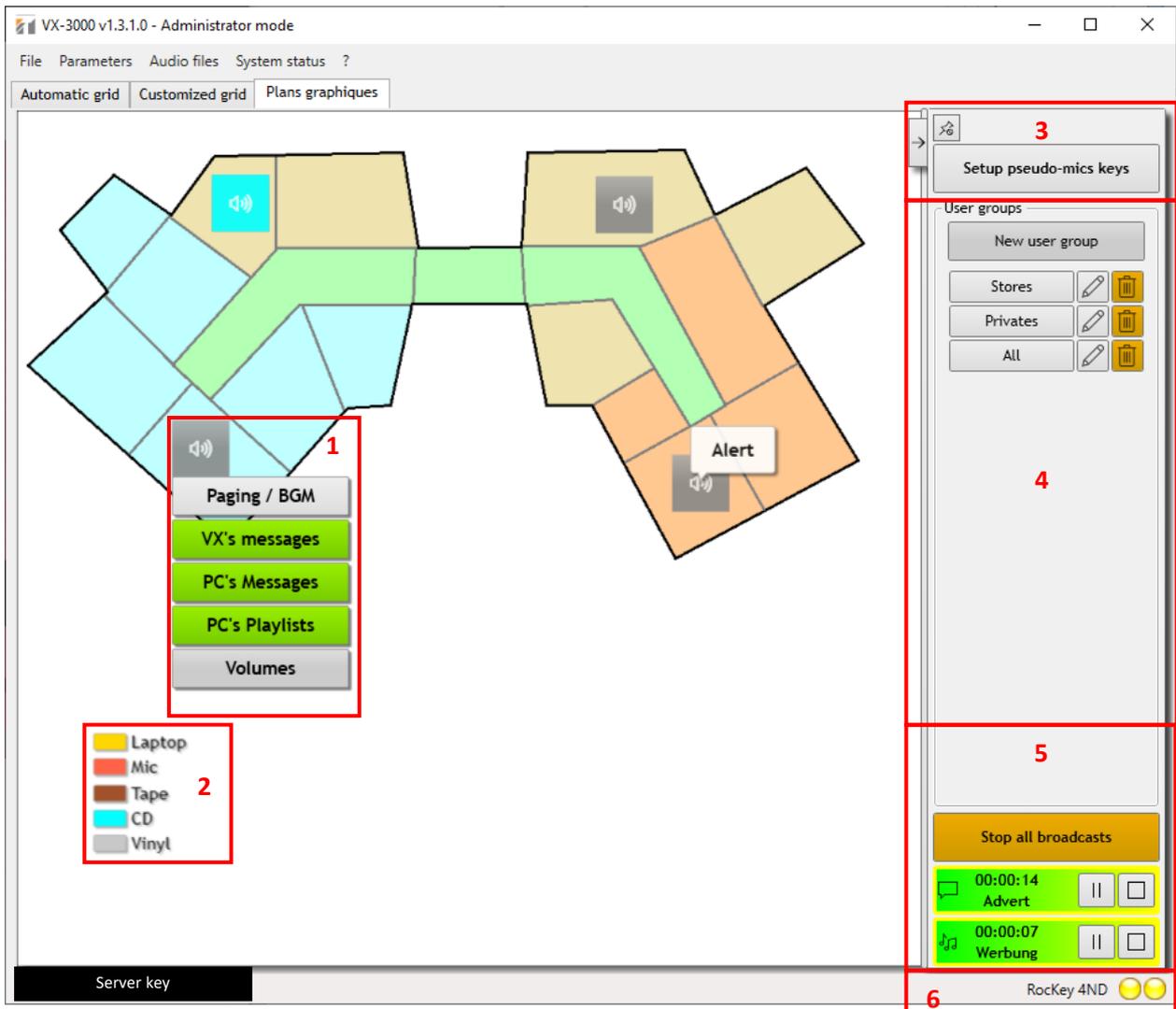
 Hide and show the User groups bar.

- 10 The user groups combine zones in a single button. The configuration is only in the map view possible (see chapter 5.2). After the configuration, the user groups behave like a map view symbol () and can be used in the grid view (see chapter 5.2-1).

- 11 Cancel all broadcast in each area by clicking [Stop all Broadcast]. Underneath the playback of PC’s Messages and PC’s Playlists are displayed. The broadcast can be paused or stopped.

- 12 Shows the status of the connection to the VX-System like a traffic light and the name of the dongle. Red means no connection, yellow means traffic and green means working connection.

## 5.2. Map view (plans graphiques)



- 1 Audio zones popup: by clicking on a  symbol its popup selection appears. Each point leads to a new menu.

Paging/BGM: Opens the activated inputs ( see chapter 4.2.2). They are divided by paging (left) and background music (right) sources. The broadcast starts after clicking on an input. To stop the broadcast, click again on [Paging/BGM] and click on [Stop].

VX's messages: Opens the messages of the VX-system (see Chapter 4.2.2.3). The message starts after clicking on a message. To stop the message, click again on [VX's messages] and click on [Stop].

PC's messages: Opens the messages stored on the computer (see chapter 4.3.2). The broadcast starts after clicking on a message. To stop the message, click again on [PC's messages] and click on [Stop].



PC's playlists: Opens the playlists stored on the computer (see chapter 4.3.4). The broadcast starts after clicking on a playlist. To stop the playlist, click again on [PC's playlists] and click on [Stop].

## VX-3000 Audio Management Software

Volumes: Opens fader window to adjust the paging and background music volume of the zone or the zone group.

- Legend of the inputs. The  symbols are highlighted in the colour of the currently broadcasting audio source.

- Select outputs for the pseudo microphone (see chapter 5.2.1.).

 Change the orientation point for the grid. Either it fixes to the border of the window or it fixes to the border of the collapsible menu.

 Hide and show the User groups bar.



- The user groups combine zones in a single button. Create a new user group with [New user group]. Give the group a name and select the zones in the map, which shall be combined. Click on [OK] to save the group. After the configuration, the user groups behave like a map view symbol ().

- Cancel all broadcast in each area by clicking [Stop all Broadcast].

Underneath the playback of PC's Messages and PC's Playlists are displayed. The broadcast can be paused or stopped.

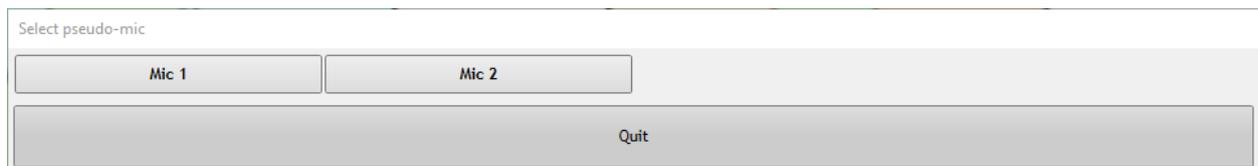
- Shows the status of the connection to the VX-System like a traffic light and the name of the dongle. Red means no connection, yellow means traffic and green means working connection.



A flashing frame around  indicates paging in this area. When the symbol is filled with colour, it indicates background music. A text bubble shows the VX message, when a VX message is played.

### 5.2.1. Setup pseudo-mics keys

Select the outputs for the pseudo microphones. The routing remains unchanged. The marked inputs () see chapter 4.2.2.4) are shown. Select a microphone and configure the output.



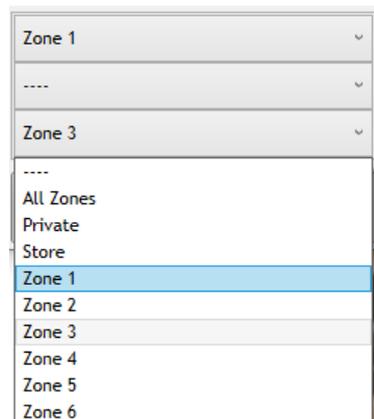
Select the desired outputs by using the drop-down menus. The number of outputs corresponds to the number of selected pseudo-mics settings (see chapter 4.2.2.4).

Confirm the routing with [Quit].

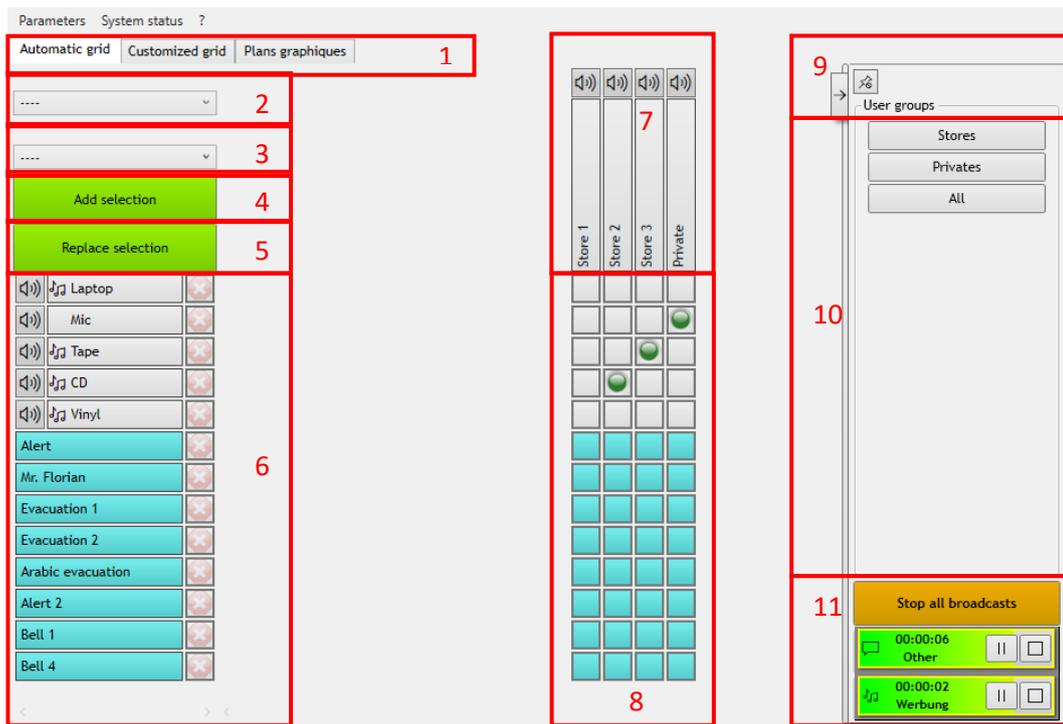
The broadcast will be activated with the paging microphone.

Proceed with other microphones or confirm with [Quit].

#### Keys setup

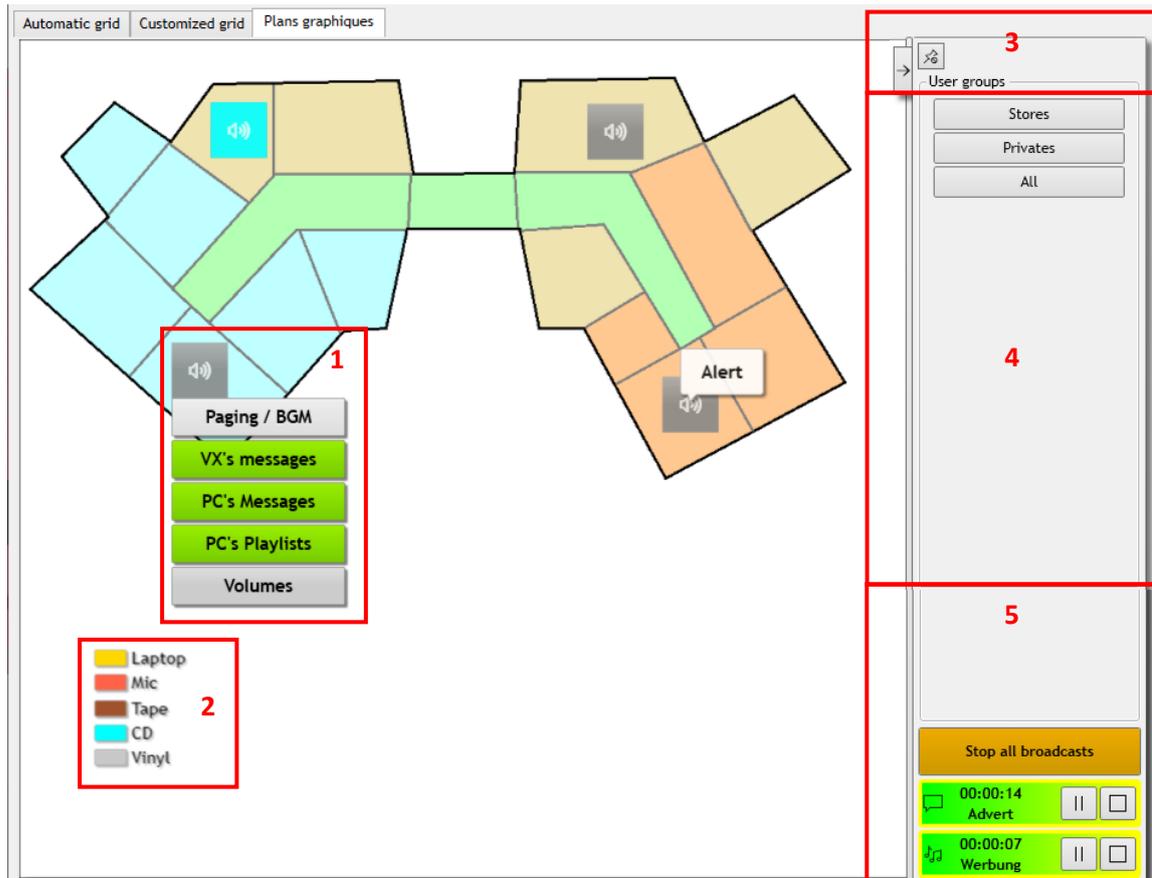


## 6. User Mode Grid view



- 1 Switch between the user interfaces
- 2 Background music and paging presets. Click “Add selection” or “Replace selection” to activate.
- 3 Messages presets. Click “Add selection” or “Replace selection” to activate.
- 4 Adds the selection to the current broadcast. Note that only one Input per Output is available
- 5 The current broadcast ends and will be replaced by the selection.
- 6 The available Inputs (Grey) and Messages (Blue)
  - Open the input volume fader settings.
  - Mark: this source is declared as background music.
  - Stop the broadcasting of this input. This setting has to be added to or replace the active broadcast.
- 7 The outputs.
  - Open the output volume fader setting. The fader at top controls paging sources, the fader below background music.
- 8 Choose the desired broadcast in the selection grid. Add or replace the selection.
- 9 Change the orientation point for the grid. Either it fixes to the border of the window or it fixes to the border of the collapsible menu.
  - Hide and show the User groups bar.
- 10 With the user groups a broadcast can be played into a combined zone. After selecting a group, a pop-up menu occurs with the menus “Paging / BGM” and “VX’s messages”, which contains the inputs. The broadcast starts after clicking on an input.
- 11 Cancel all broadcast in each area by clicking [Stop all Broadcast]. Underneath the playback of PC’s Messages and PC’s Playlists are displayed. The broadcast can be paused or stopped.

## 7. User Mode Map view



- 1 Audio zones popup: by clicking on a symbol its popup selection appears. Each point leads to a new menu.

Paging/BGM: The Inputs are divided by paging (left) and background music (right). The broadcast starts after clicking on an input. To stop the broadcast, click again on [Paging/BGM] and click on [Stop].

VX's messages: The messages of the VX-system. A message starts after clicking on it. To stop the message, click again on [VX's messages] and click on [Stop].

PC's messages: Opens the scheduled messages. The broadcast starts after clicking on a message. To stop the message, click again on [PC's messages] and click on [Stop].

PC's playlists: Opens the scheduled playlists. The broadcast starts after clicking on a playlist, click again on [PC's playlists] and click on [Stop].



- 2 Legend of the inputs. The symbols are highlighted in the colour of the currently broadcasting audio source
- 3 Change the orientation point for the grid. Either it fixes to the border of the window or it fixes to the border of the collapsible menu.
  - Hide and show the User groups bar.
- 4 The user groups are combined zones. The groups behave like the symbols.
- 5 Cancel all broadcast in each area by clicking [Stop all Broadcast]. Underneath the playback of PC's Messages and PC's Playlists are displayed. The broadcast can be paused or stopped.

TOA Electronics Europe GmbH  
Süderstraße 282 \* 20537 Hamburg \* Germany  
URL: [www.toa.eu](http://www.toa.eu)