



MUSICALL

Music & Message

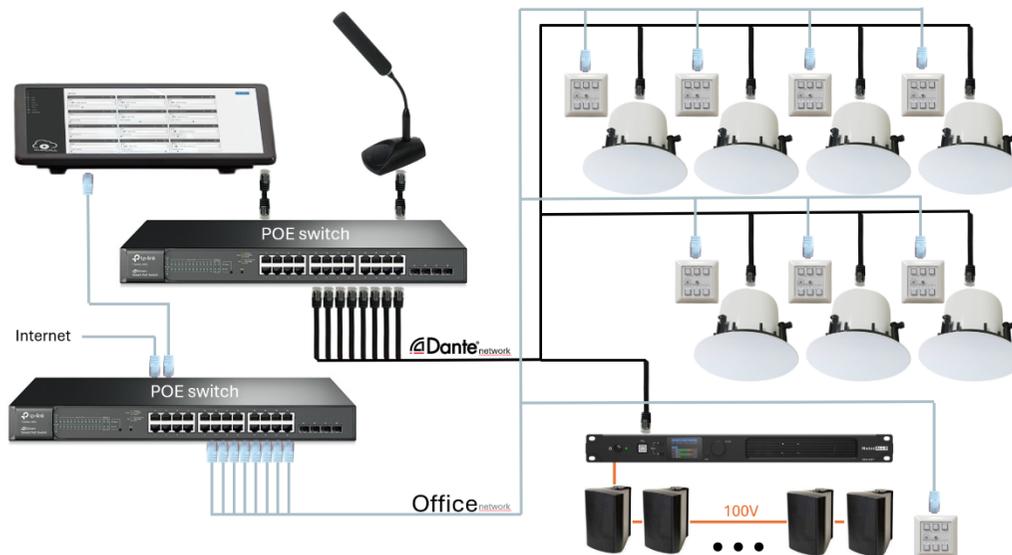
QUICK START
INSTALL GUIDE
EDITION 2

Step 1 DANTE PREPARATION

Connecting all devices to a network

- ➔ **When installing the zone controllers, note their location on the packaging. Or make a list of locations and mac addresses. The controllers can be identified by their mac address in the software. When the locations of the controllers (mac addresses) are known, a lot of time can be saved this way.**

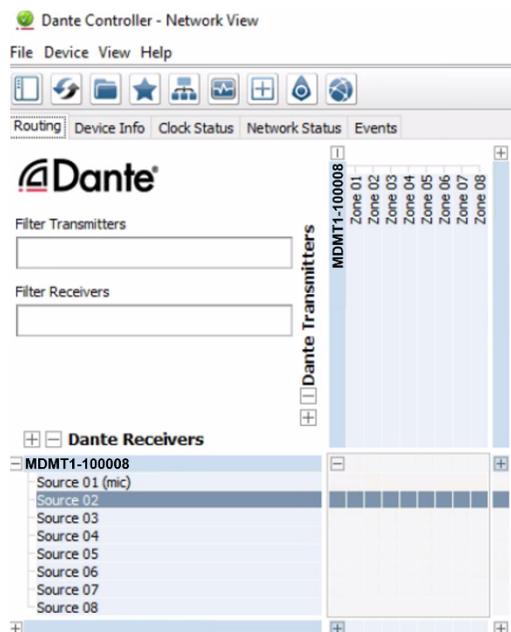
Connect the MusiCall main unit to a network with internet access. We recommend to use both the network connections, one connected to the internet for receiving internetradio, online support, updates the communication with the optional zone controllers. Use the second network connection for Dante audio distribution only (in its own network). For example:



Start up the system and enter the 'Settings' account for configuration. Password for this account is at the label on the server. Please set a unique password after logging in.

- ➔ **All passwords and access codes are printed on the server. For maximum security please set a unique password after logging in.**

Start Dante Controller under Start->Audinate->Controller.



Here you can connect the Dante devices to the inputs and outputs of the MusiCall server. Make sure the green indicator shows up when connecting Dante devices. A common warning is a sample mismatch, set the device you are connecting to 24 bit / 48kHz to resolve this issue. See Audinate.com for more info. Default configuration is setup in mono. For stereo zones and or sources use 2 channels per zone and source.

Step 2 LOCAL AUDIO FILES

If you want to use audio files in MusiCall like announcement chimes, music tracks, commercials, then copy the files into a folder where you can find them back easily. The files should be standard Windows types like .mp3 .wav etc.

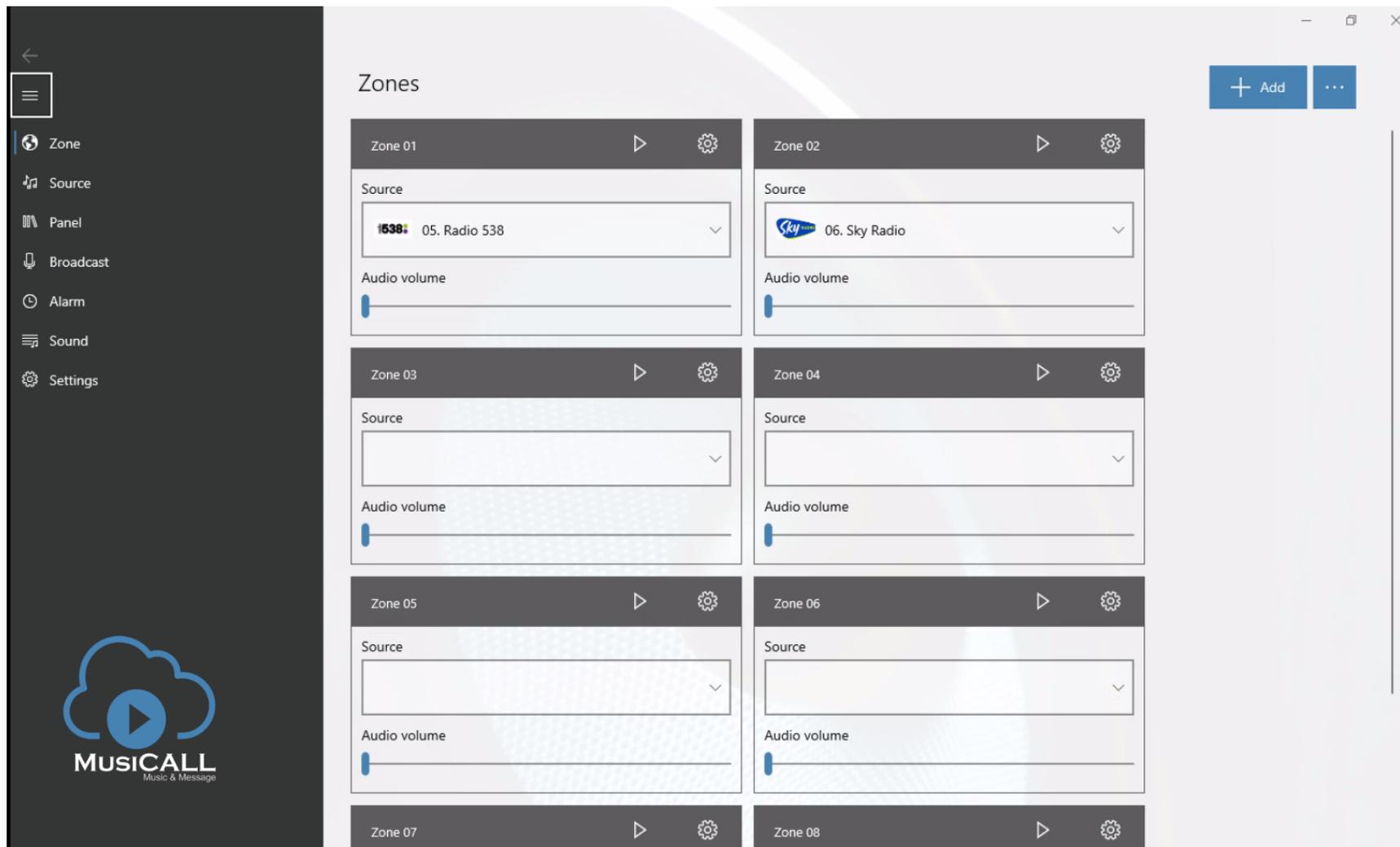
Playlists should have a folder of their own in the C:\Users\Public\Public Music folder. Add a folder with songs, the folders name becomes the name of the playlist. In playlists the songs are played in shuffle mode when selected. Otherwise it will be played in the way Windows would. See page 8 how to add playlists to the system.

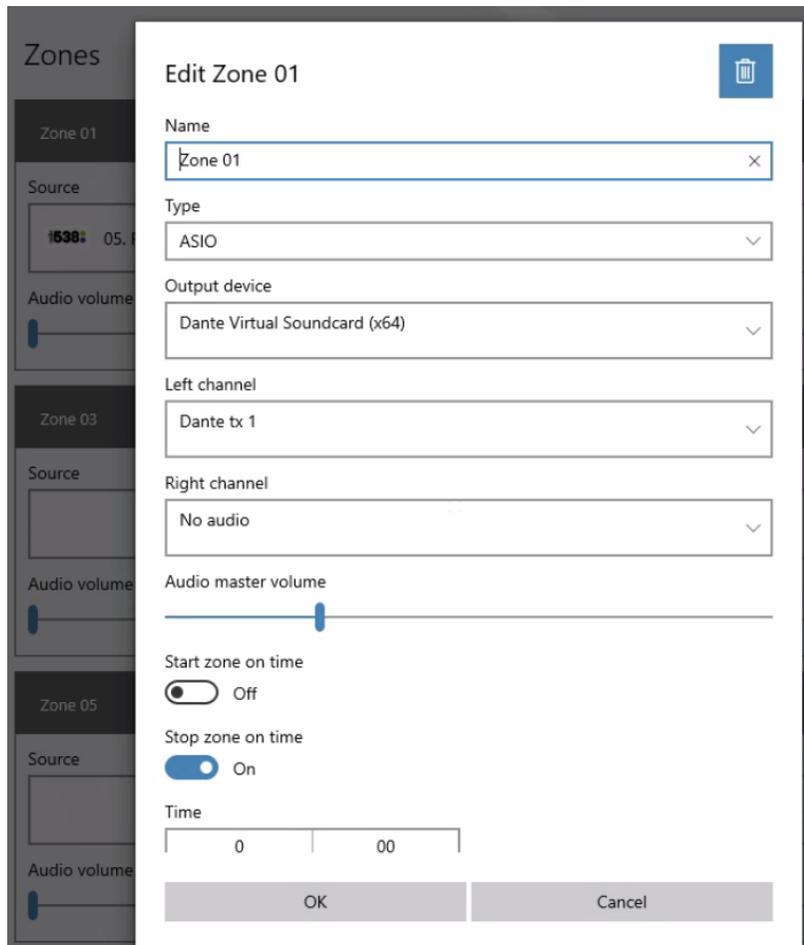
! After completing the preparation restart the system and enter the MusiCall account

Step 3 MusiCall SOFTWARE SETUP

Zone tab

To edit a zone press  and enter the access code that is on the label at the server. To add a zone press + Add button at the top right.





Name

Enter a name for the zone

Audio master volume

When there are Dante devices with different gain levels you can reduce the output volume here, which results in a less sensitive volume control in the zone.

Start zone on time

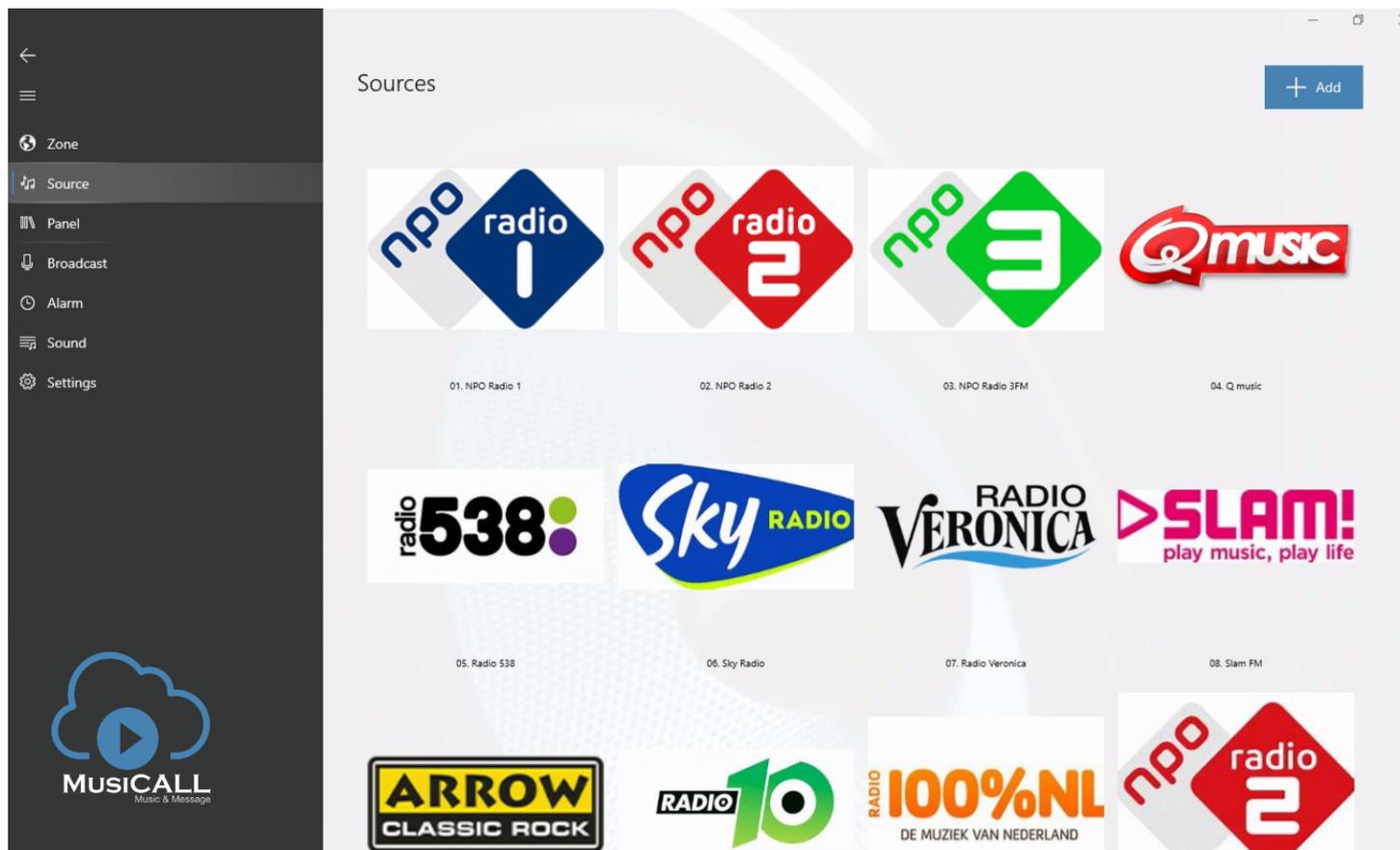
The system automatically starts the last played stream, playlist or source at the desired time.

Stop zone on time

The system automatically stops the stream or source at the desired time. Default setting is 0.00 o'clock.

Source tab

Press the source you want to edit. To add a source press + Add button at the top right.



Edit a source

Edit 01. NPO Radio 1

Standard options
User defined

Name
01. NPO Radio 1

Type
Stream

Stream
<https://icecast.omroep.nl/radio1-bb-mp3>

Channels
Stereo

Audio volume

OK Cancel

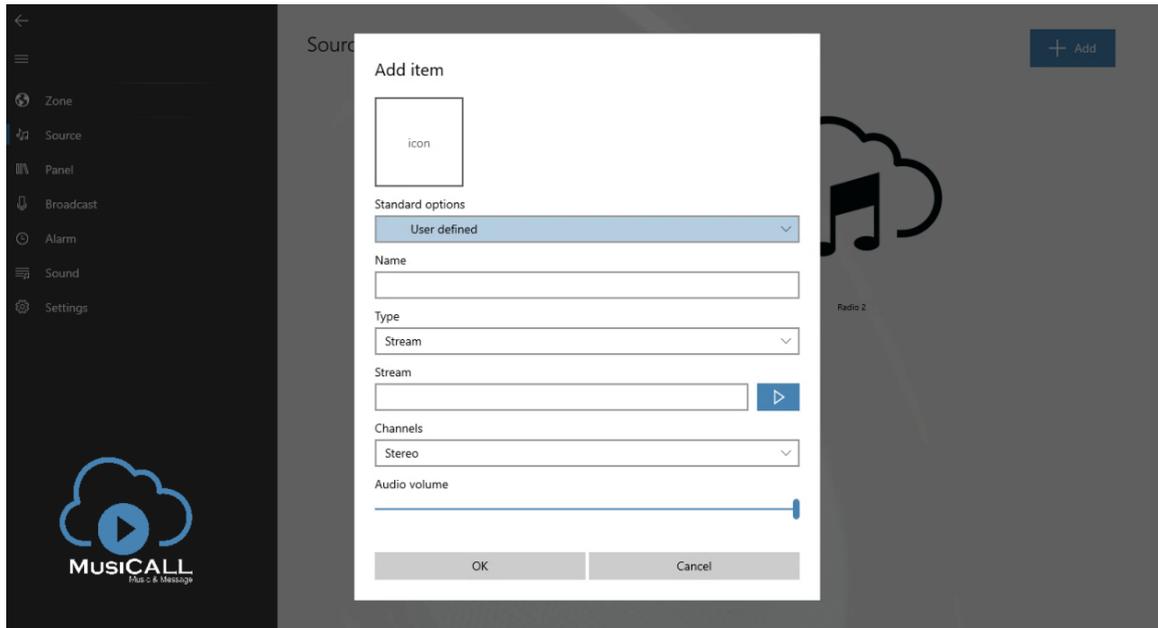
Name

Enter a name for your source

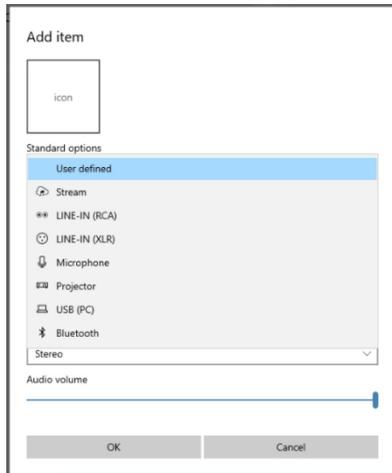
Audio volume

Adjust the gain of this source so it matches the sound level of the other sources.

Add a source



Icon
Click to add a icon for your User defined source. The preset sources have a icon already.



Standard options
Choose a preset source from the list or use the 'User defined' option if you want to make a custom source.

The screenshot shows a dialog box titled "Add item". It contains the following elements from top to bottom:

- An icon placeholder box labeled "icon".
- A "Standard options" section with a dropdown menu currently showing "User defined".
- A "Name" section with an empty text input field.
- A "Type" section with a list box containing "Stream", "ASIO", "WDM", and "Playlist". The "Stream" option is highlighted in blue.
- An "Audio volume" section with a horizontal slider bar.
- "OK" and "Cancel" buttons at the bottom.

Name

Enter a name for your source

Type (of source) / Inputdevice

<Stream> Internetradio stream

Add a mp3 or aac stream in the stream box and press play to check it. Sound will play from built in speaker.

<ASIO> Dante or USB ASIO soundcard

Select Inputdevice. (Dante or USB)

<WDM> Built-in mic or USB WDM soundcard

Select Inputdevice. (Built-in or USB)

<Playlist> Playlist

Select playlist. Turn shuffle on to mix files

Left channel

Select the Dante input (rx) channel you have chosen to use as your left (or mono) channel input for this source in Dante Controller.

Right channel

Select the Dante input (rx) channel that you have chosen to use as your right channel input for this source. For mono use select 'No audio'.

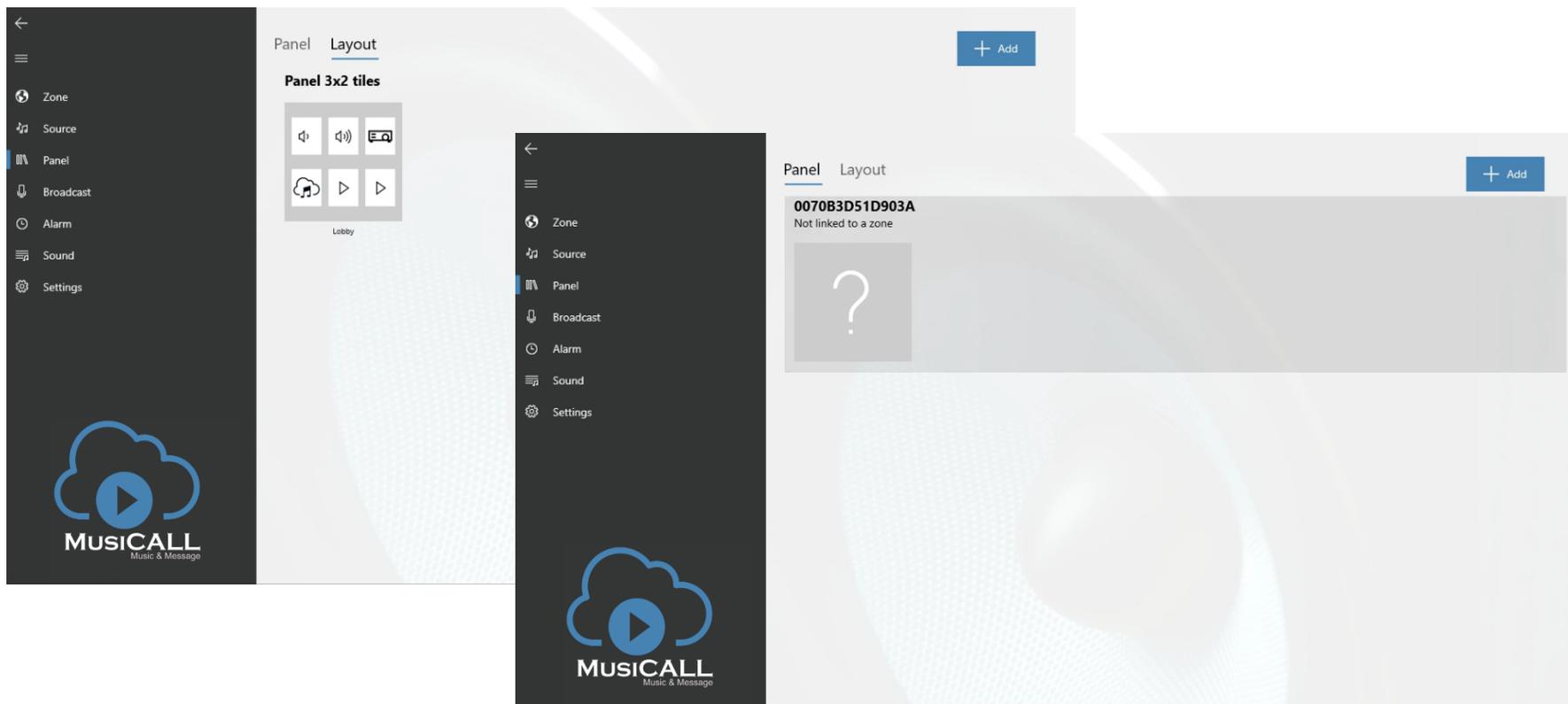
Audio volume

Adjust the gain of this source so it matches the sound level of the other sources.

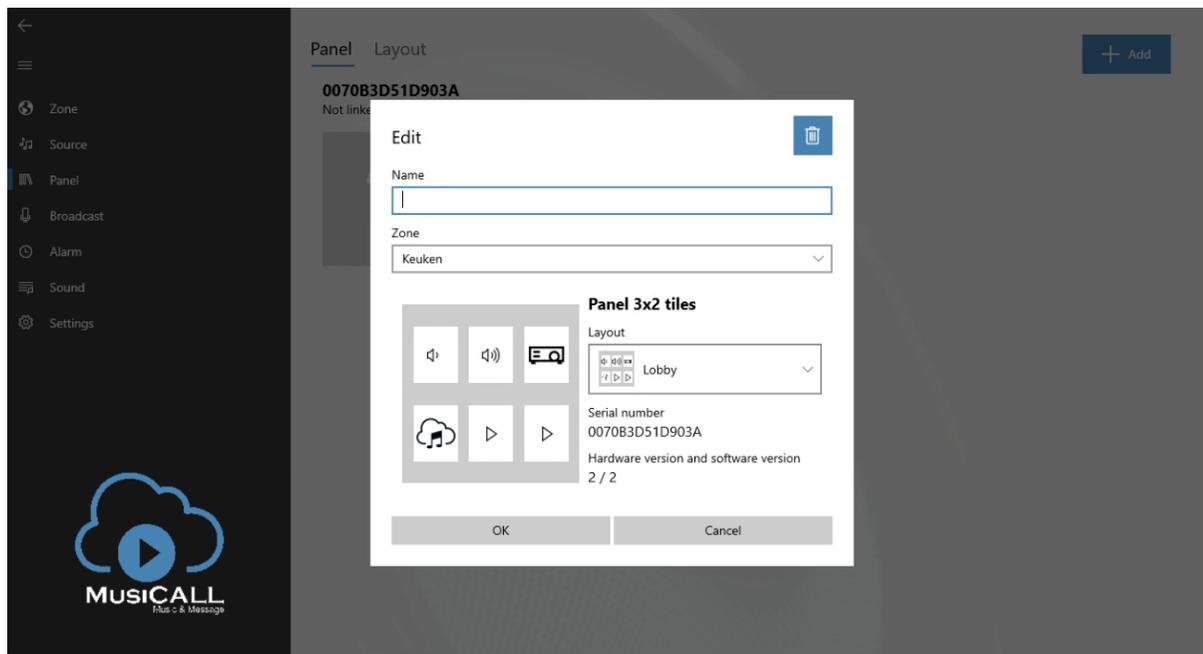
Panel tab

Setup controllers under Panel screen. First make one or more layouts that you want to use in the zones. (Click +Add to add a layout)

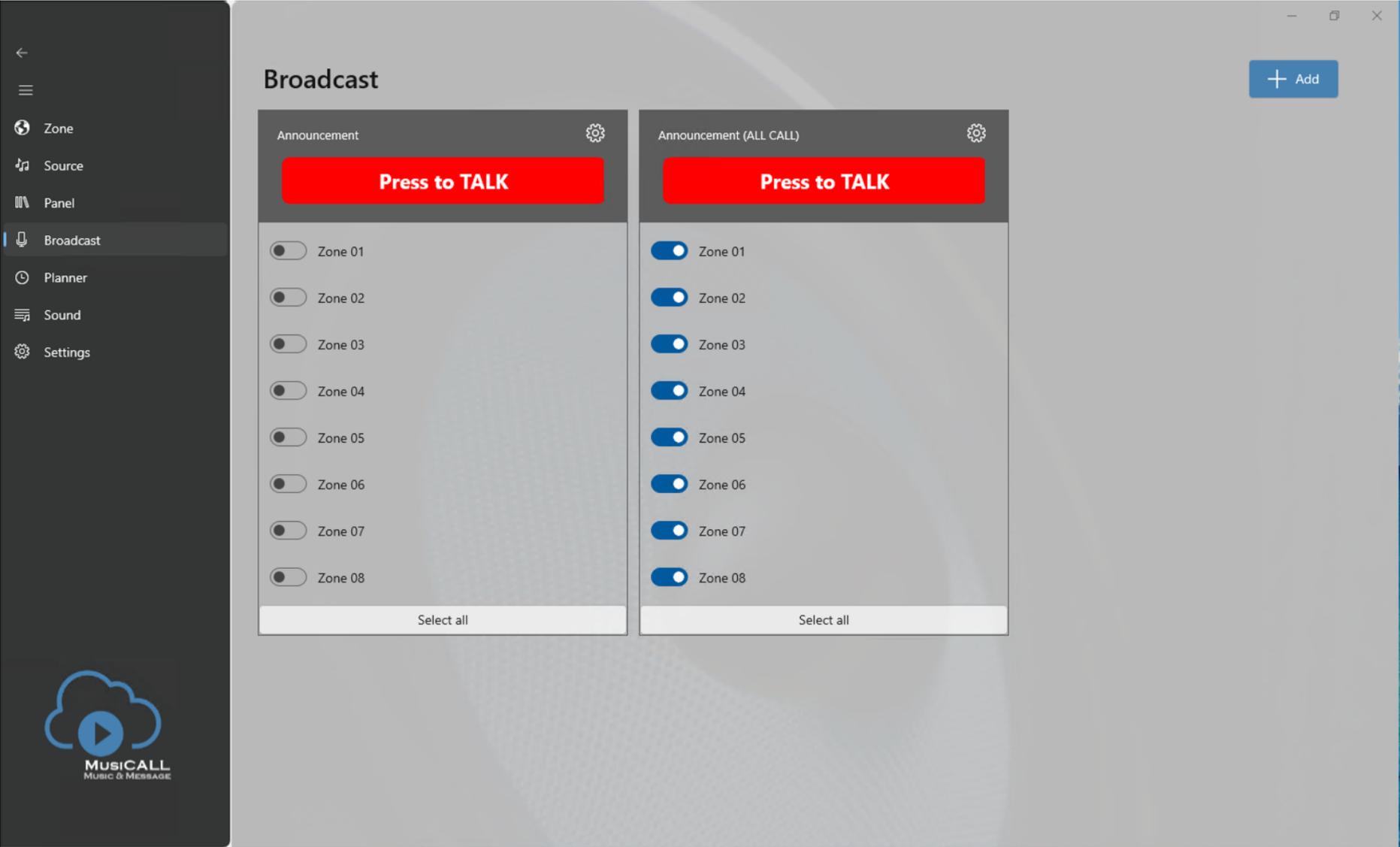
→ This way it is possible to make a personalised selection of radio channels / playlists / sources for every zone.



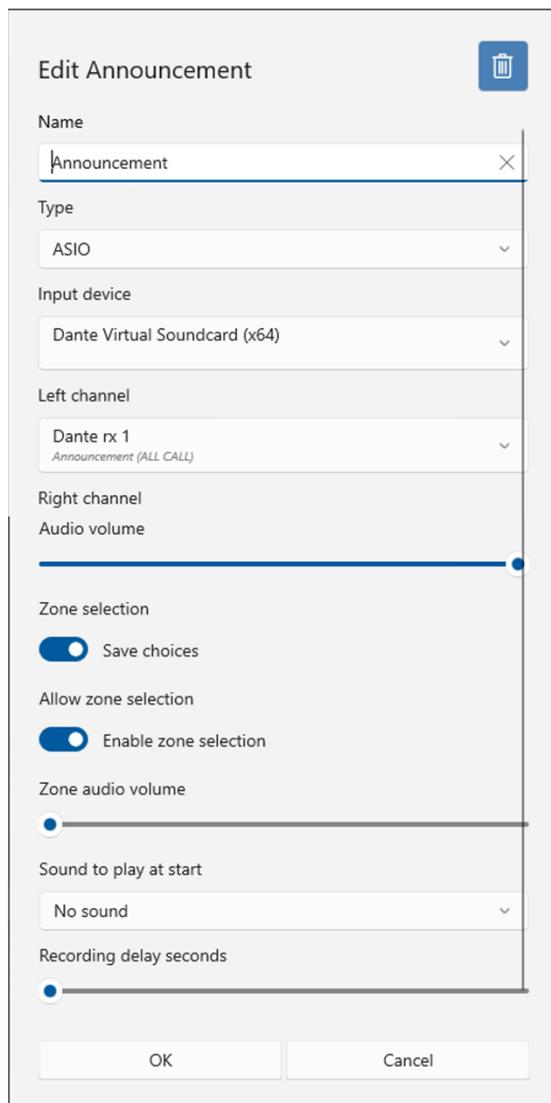
Then select the controller, the mac address (in this case ...1D903A) is printed on the pcb of the controller. Select a layout and a zone and you are ready.



Broadcast tab



To start a broadcast press and hold the red dot in the desired group. Swipe up to lock.
To edit broadcast settings, press  and enter the access code



Type (of source) / Inputdevice

<ASIO> Dante or USB ASIO soundcard

Select Inputdevice. (Dante or USB)

<WDM> Built-in mic or USB WDM soundcard

Select Inputdevice. (Built-in or USB)

Left channel

Select the Dante input (rx) channel you have connected your microphone to in Dante Controller.

Right channel

Select the Dante input (rx) channel you have connected your microphone to in Dante Controller. For mono use select 'No audio'.

Audio volume

Adjust the gain of your microphone.

Zone selection

When you select 'Clear choices' your zone selections will be reset after a announcement and you have to manually select them again

Allow zone selection

Enable or disable zone selection for users

Zone audio volume

Set the remaining audio level you want to hear during announcements, to mute the audio set the level to 0.

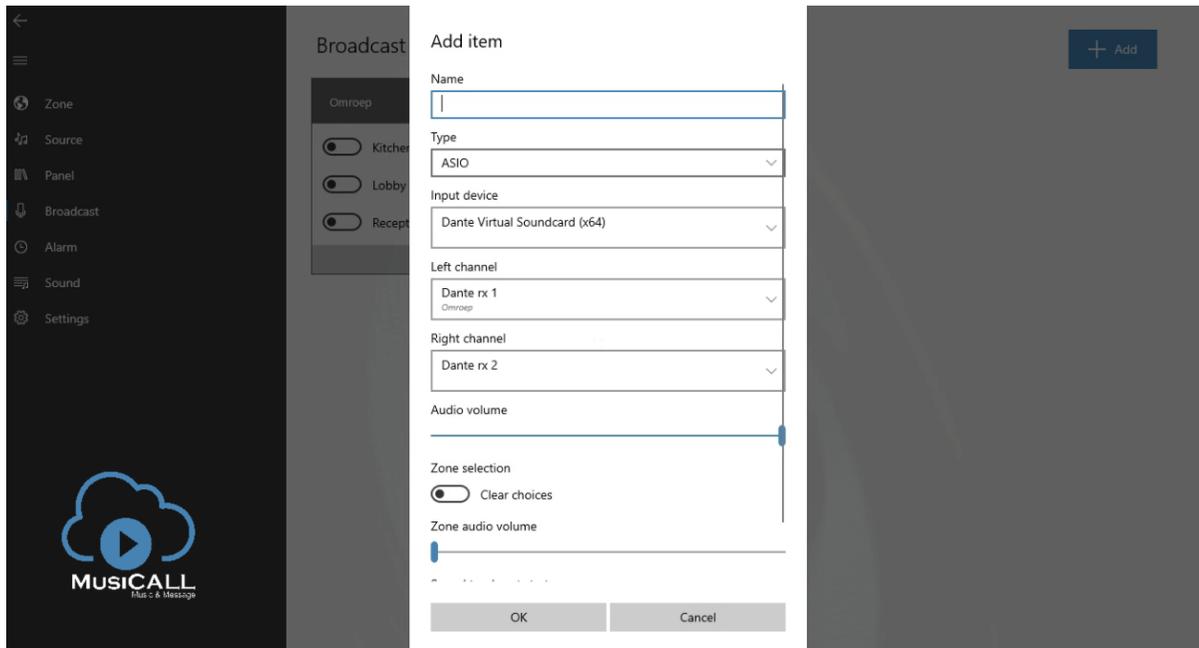
Sound to play at start

Choose a chime that will be played when you start your announcement. You can only select files here when you have first added them under sounds, see step 2 Local audio files, page 2.

Recording delay

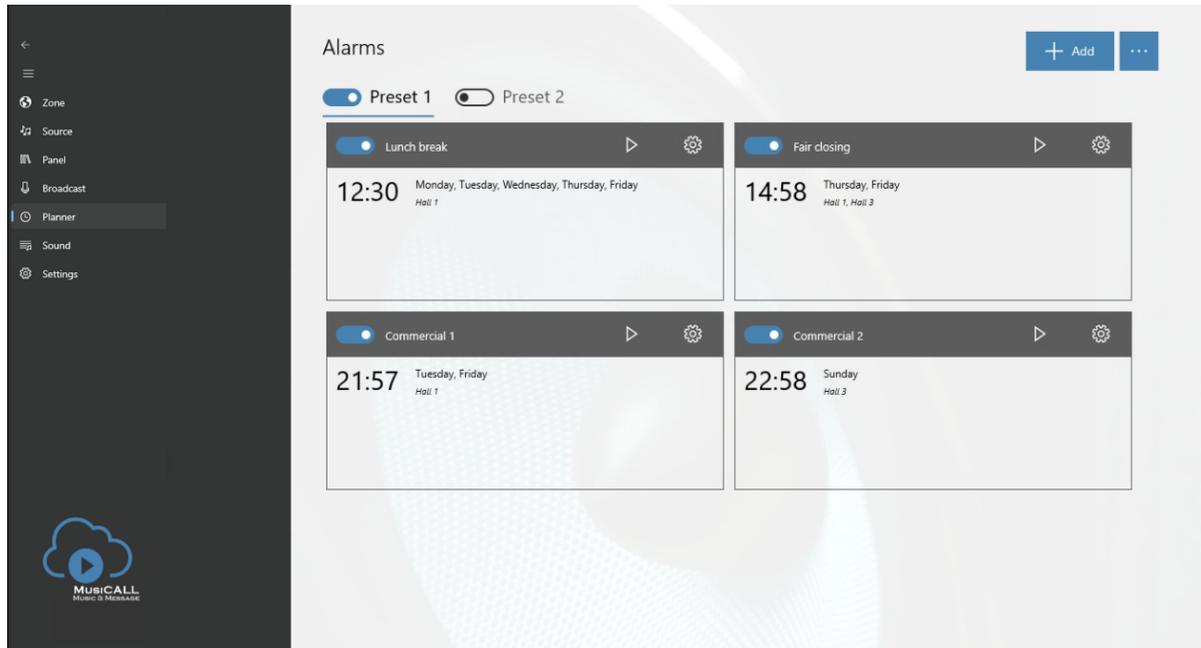
Set the length in seconds of the chime

To add a broadcast preset / group press + Add button at the top right of the Broadcast screen and enter the access code.



Name your preset and setup the broadcast preset.

Planner tab



To make a preset with several alarms in it press the  button and select Add preset. Then name it and start setting alarms. To Edit a preset select it (so the blue line is under its name) press the  button and click Edit selected preset.

Start setting alarms by pressing + Add button at the top right of the Alarms screen.

The screenshot shows the 'Add item' dialog for setting an alarm. It includes fields for Name, Sound or Source (set to 'Audio file 1'), and an 'Activate on time' toggle which is turned on. There are also date pickers for 'From' and 'To', time pickers for 'Time' and 'End time', and checkboxes for days of the week. At the bottom, there are 'OK' and 'Cancel' buttons.

Name

Enter a name for your alarm

Preset

Choose a preset you want to add this alarm to.

Sound or Source

Choose the sound file / Source /Playlist you want to play

Activate on time / Activate on trigger

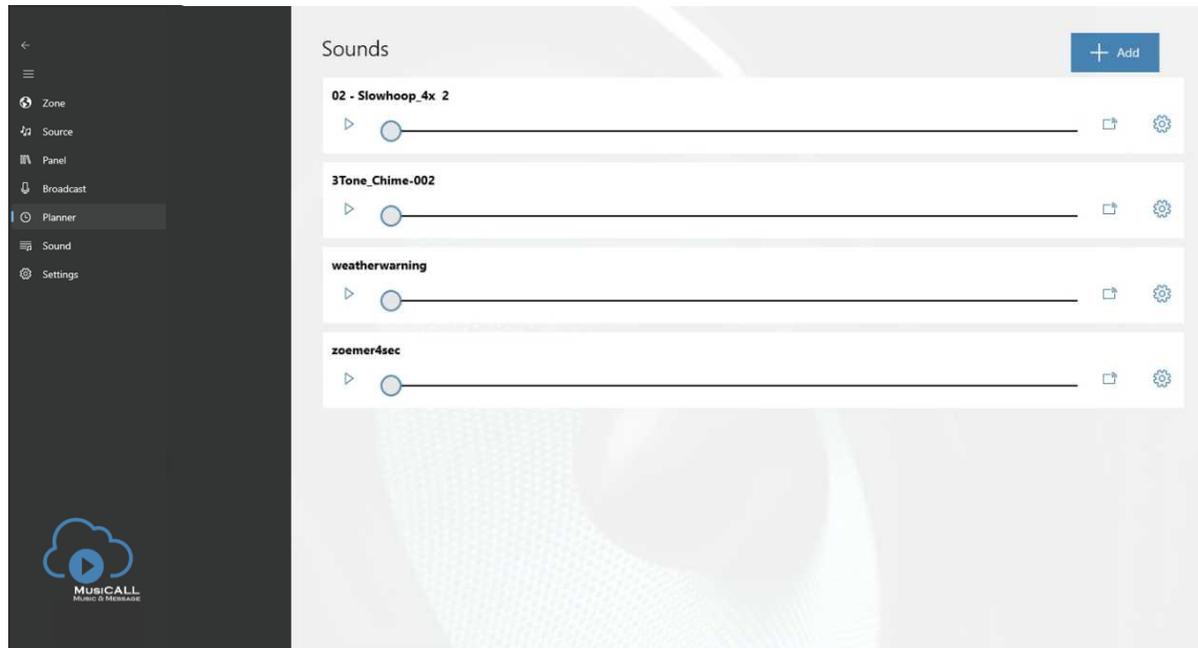
When set to 'activate on trigger' the alarm has to be started manually by pressing the play button

When activated on time the alarm is automatically played at the times that are selected.

Zones

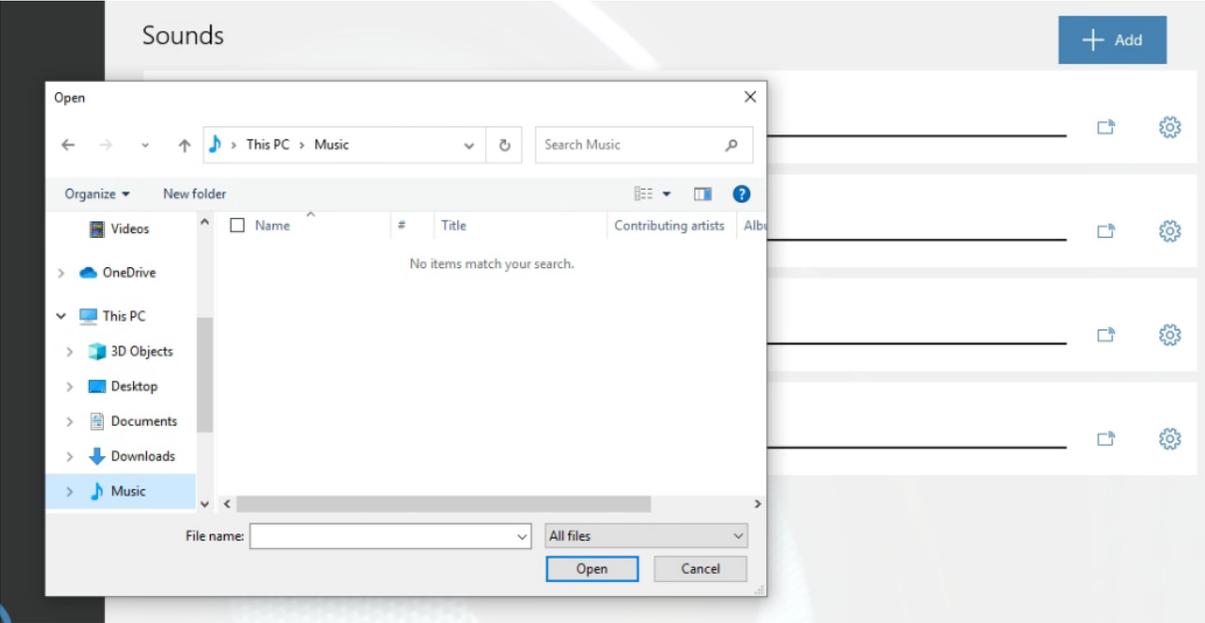
Select the zones you want the alarm to be played in

Sound tab

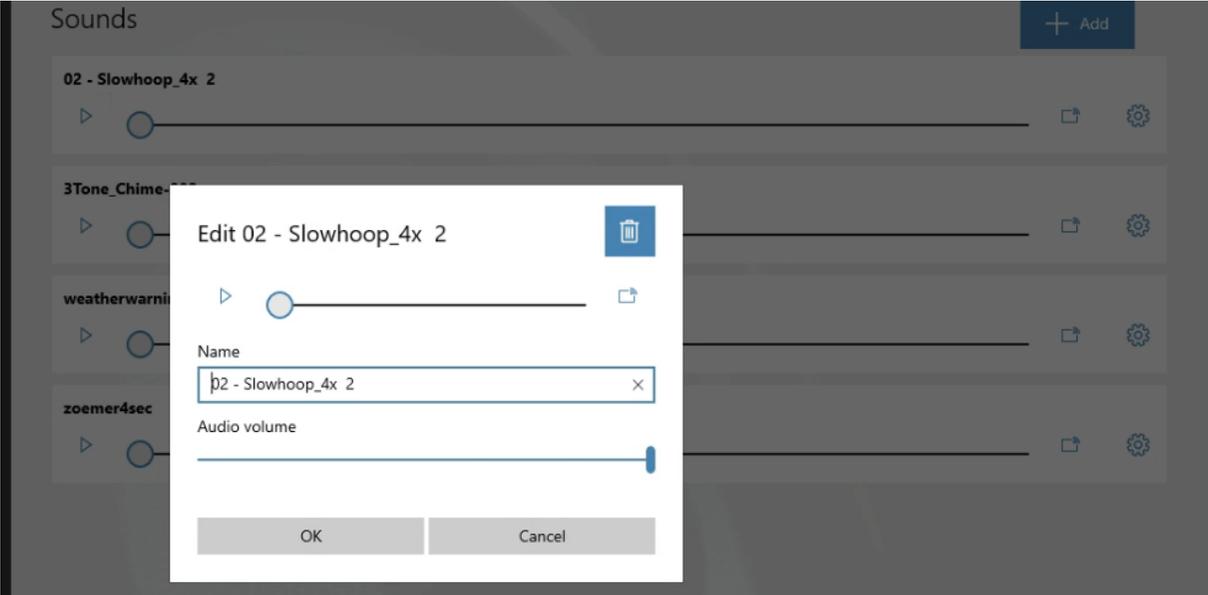


Left click the + Add button to add the sound files you have saved under initial setup step 2.

Find the folder you used under step 2 (see page 2) and select the file. Click Open to add the file.

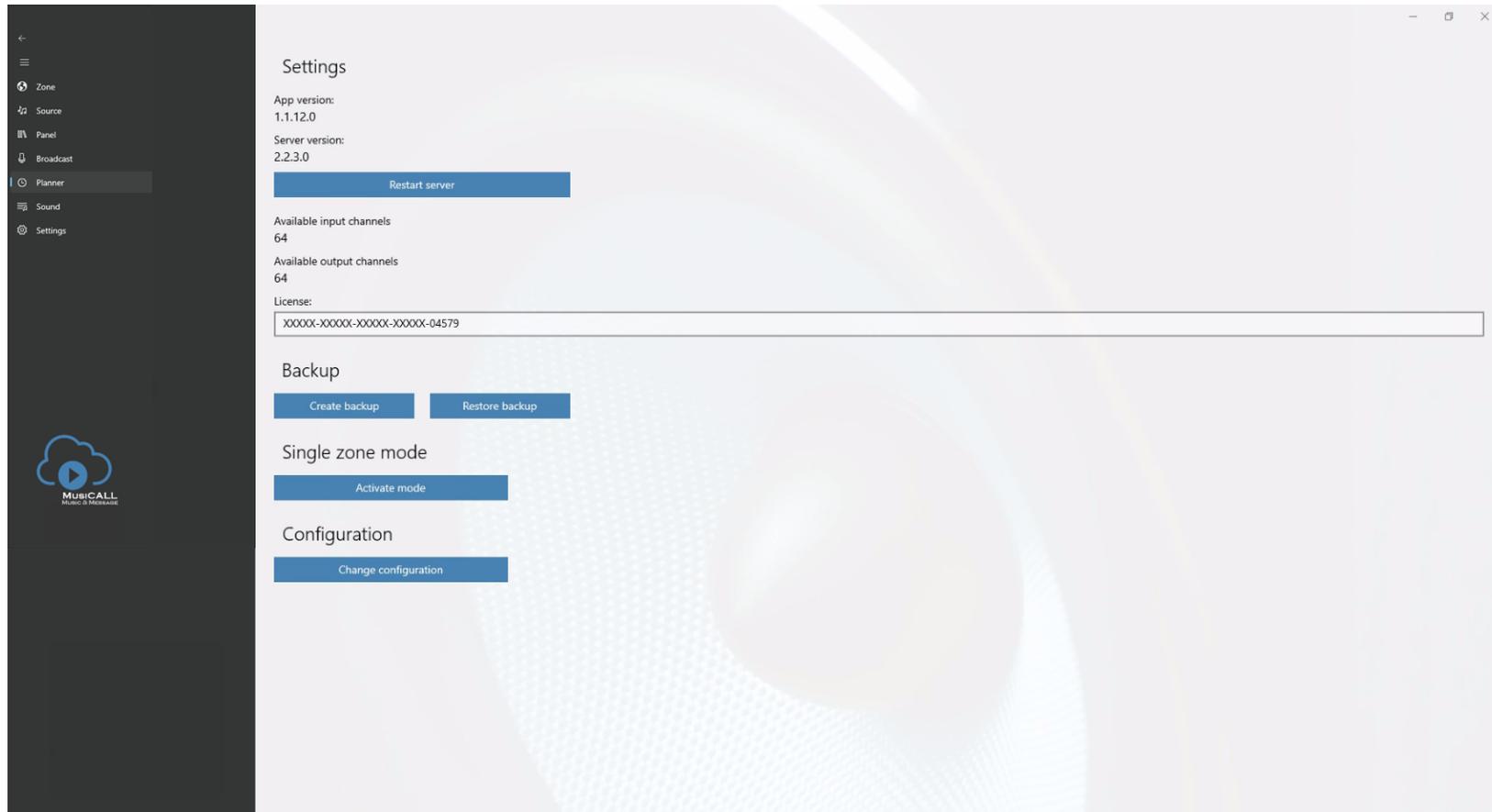


Click the settings wheel to change volume or rename the file. Press play to check the file, sound will be played through the built-in speaker.



Settings tab

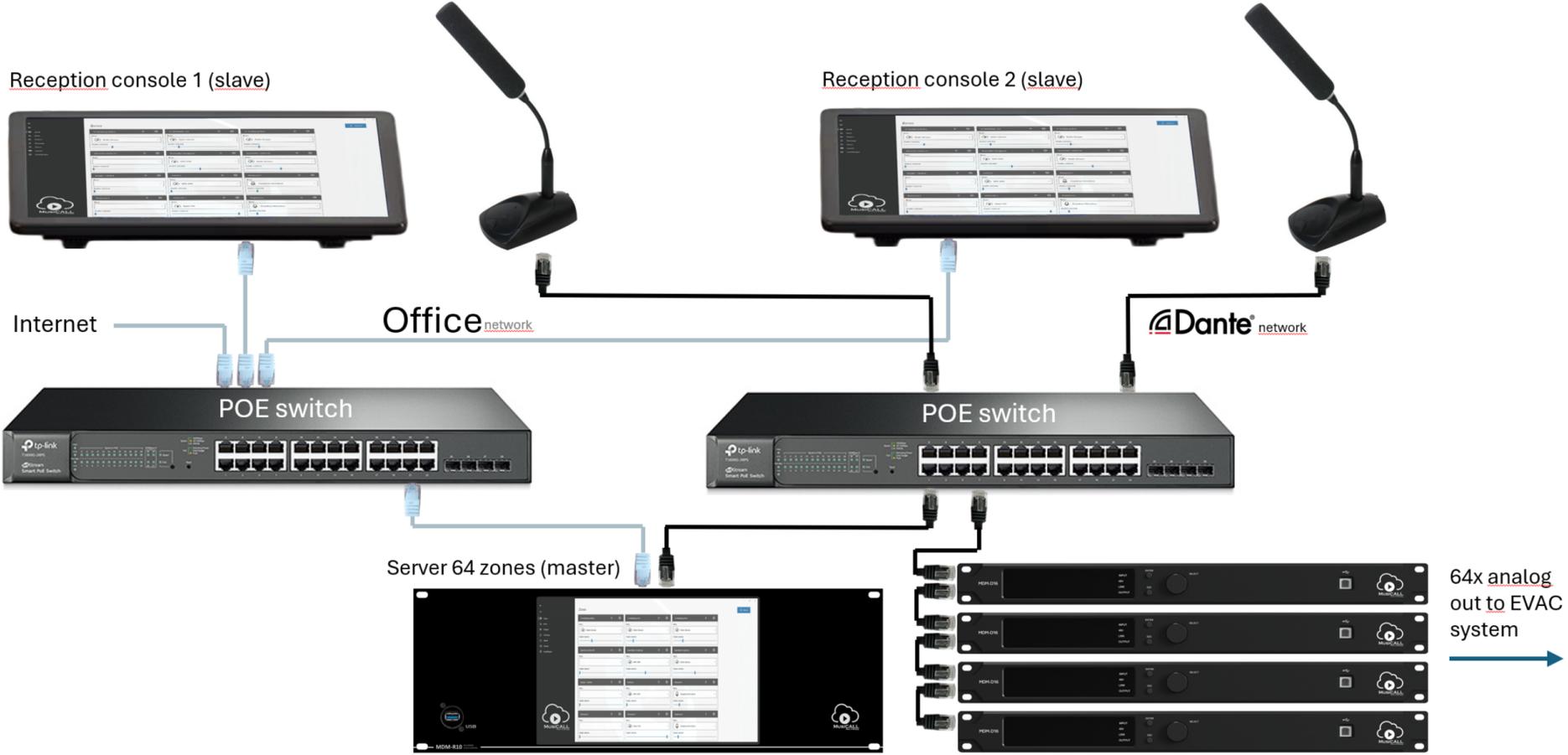
Check for updates in Settings screen. During updates music will be interrupted shortly.



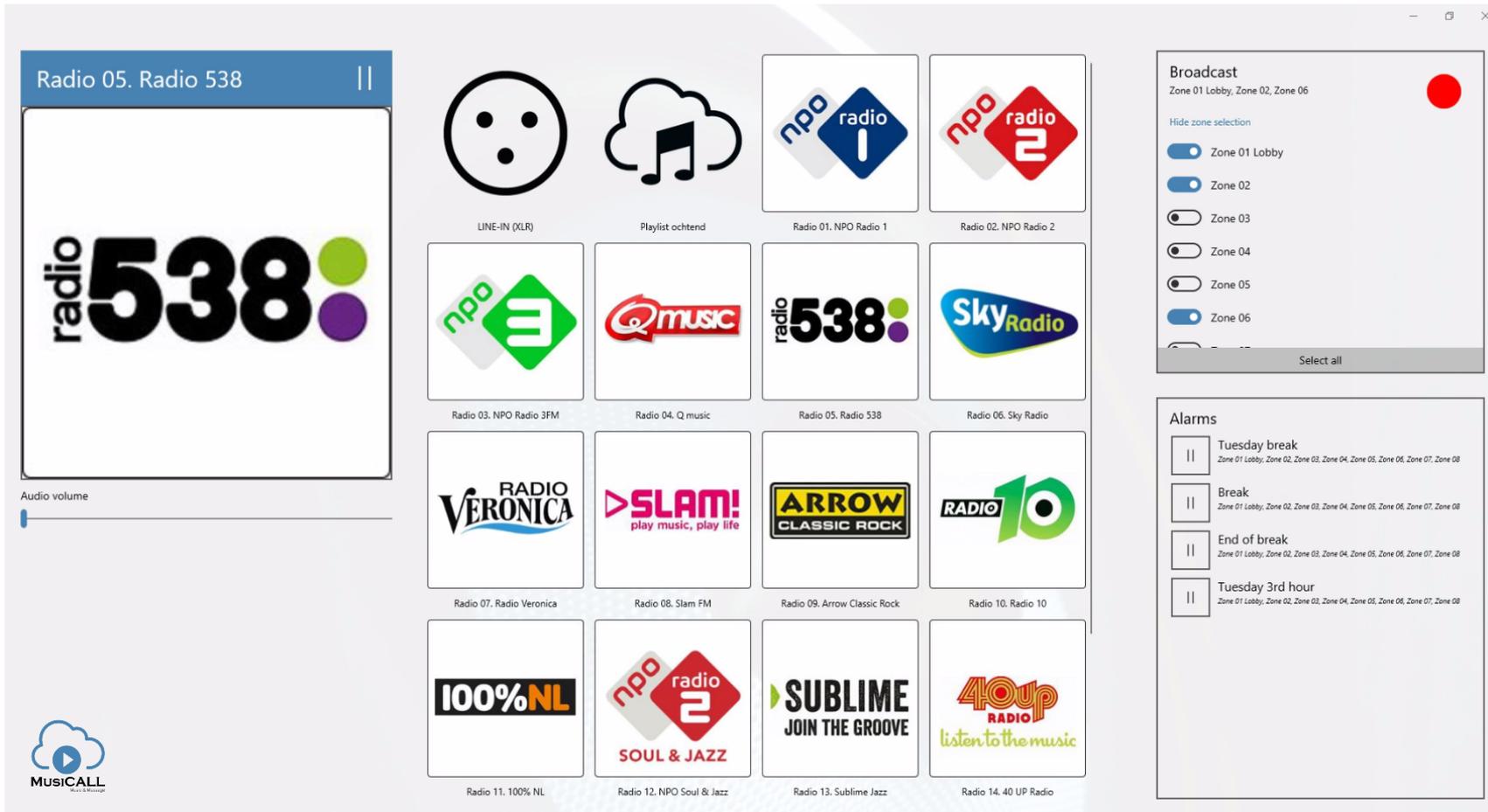
After all settings have been made please backup your system.

Single zone mode

The single zone mode can be used with any MusiCall server or MusiCall client. For example:



The client or slave can show the same graphical interface as the server or it can be set to single zone mode:



In single zone mode the display only shows:

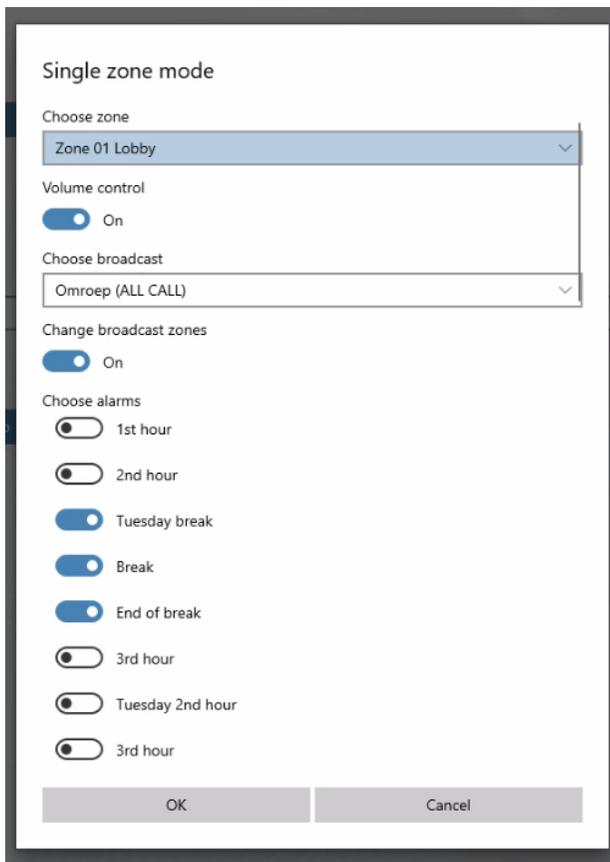
- *source and volume settings for one selected zone
- *announcement functionality specific for a selected announcement microphone

*selected alarms (or a selection of alarms) that can be triggered manually

To enter single zone mode go to 'Settings' tab, press 'Activate mode' and enter the config access code (that is printed at the label on the server)



The setup window appears:



Choose zone

Choose the zone you want to be able to control

Volume control

Enable / disable volume control for the selected zone

Choose broadcast

Choose one of the broadcast windows you want to use in this screen.

Change broadcast zones

Select On if you want to be able to select the zones you want make announcements to.

Choose alarms

Choose alarms you want to be able to trigger manually from the single zone screen.

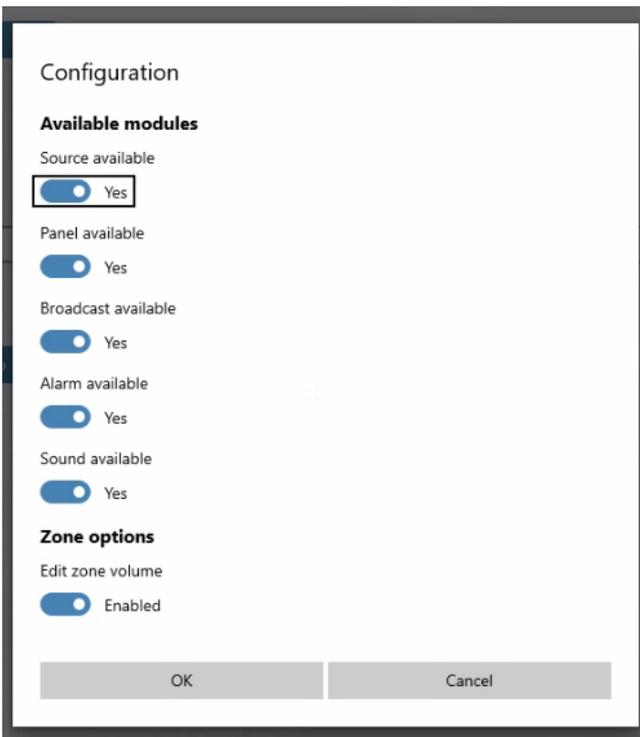
Press OK to enter 'Single zone mode'. When you are in 'Single zone mode' you can go back to settings or MusiCall main screen by pressing the MusiCall logo at the left and enter the 'config access code'.

Configuration

To enter configuration go to 'Settings' tab, press 'Configuration' and enter the config access code



The configuration window appears:

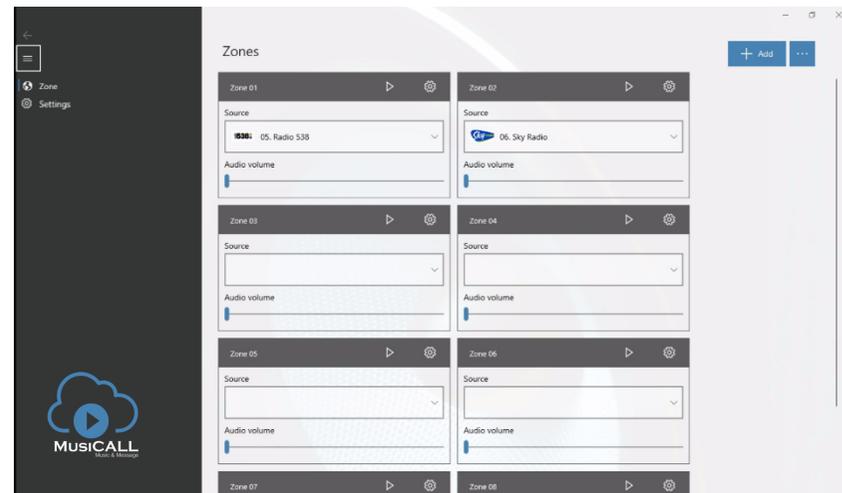


Available modules

Here you can select which tabs you want to show in the MusiCall main screen.

Zone options

Turn off volume control in the main screen, zone controllers can change volume, example:



For more info visit www.dateq.nl

Enjoy your MusiCall Music & Message system.