trivum Release Notes

MusicCenter V9.63 and Touchpad V3.02
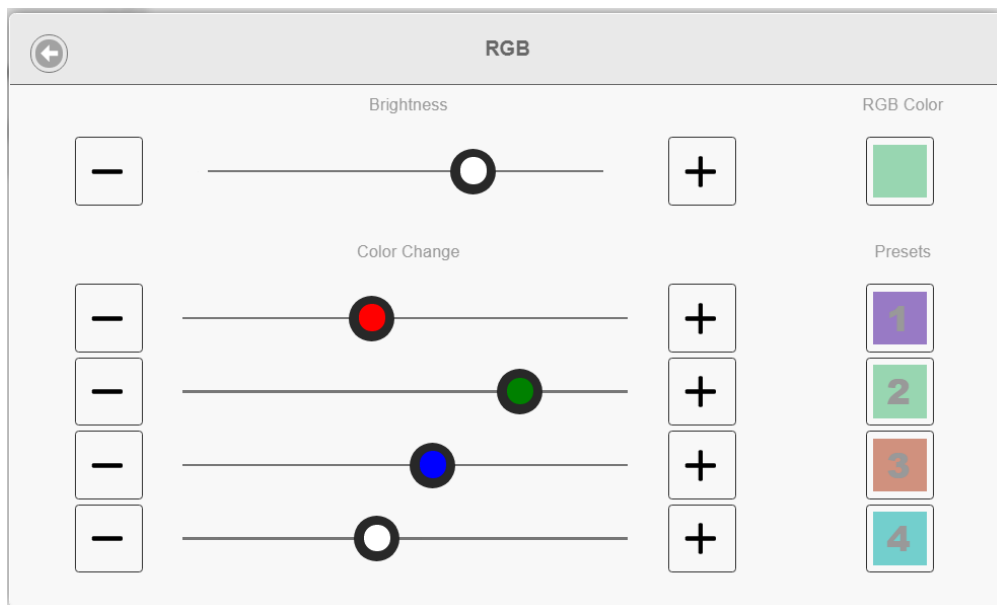
Improved KNX connectivity

It is now possible to use Secure KNX IP routing.
Furthermore KNX interfaces can be used directly, like the Gira X1.
However KNX IP routers are still recommended, as they can communicate with any number of devices in parallel.

Improved KNX objects

- the KNX value display now supports float values.

- scene control and state storage was fully reworked.

- MusicCenter zone sources (presets configurable per zone) can now be selected directly by a 1-byte message.

- the RGB object now also supports RGBW (with white channel).

Better hotel and management functions
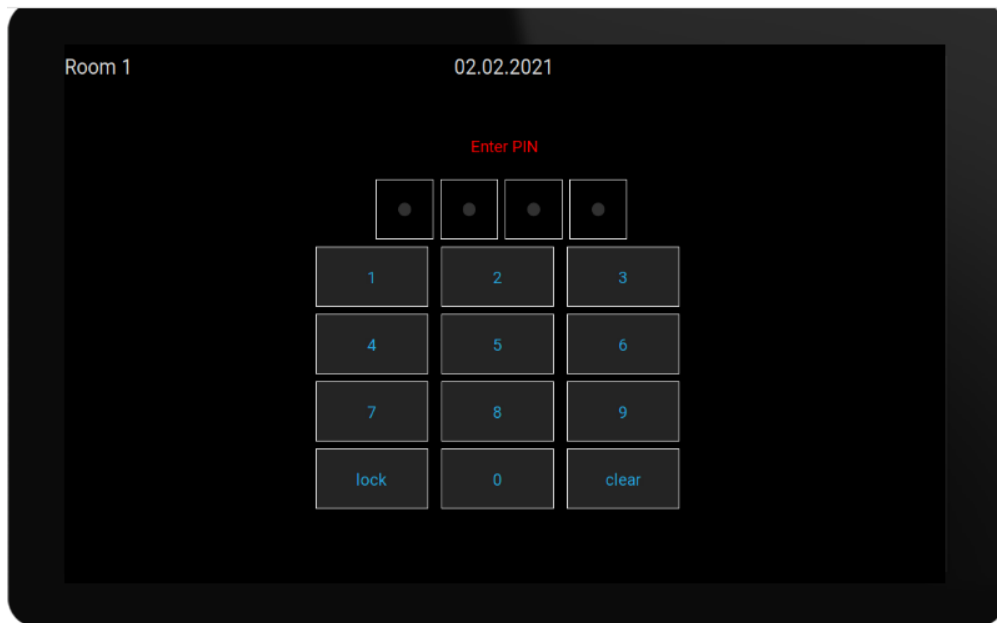
Actions can now be configured

- to reset some or all rooms to their default settings, like no wakeup alarms

- to unbind all bluetooth devices with trivum AudioBox P150

The web configuration can now distinct between an administrator and a user with limited access. Even with an admin password set, the user can be allowed to access some parts of the

configuration, optionally with his own password.

The trivum Touchpad web configuration can now also be secured by a password.

The Touchpad screen can be locked by an overall access PIN, for public areas where only hotel staff should control music.

Improved copying of master/slave configurations

For companies who have to install many similar trivum systems containing master/slave devices, there is now a great relief: if the target hardware is combined identical, full configurations can be taken over from template systems. The so-called Adaptive Import will adjust different device serial numbers automatically.

Mixing of line input audio

With an SC344V2 device, audio of the analogue inputs can now be mixed, e.g. to play the sound of 4 different microphones together in the same room.

Android App can now be called from other apps

through URL: `trivum://control`

NodeRed automation

trivum can now be integrated into servers for the graphical NodeRed wiring tool, by a simple status and event object.

https://www.trivum.com/trivum/docs/en/mcenter-nodered.html

MQTT automation

trivum can now be integrated with MQTT brokers. Macro actions can be defined at trivum to send commands to the broker. Very simple MQTT messages can be received to switch zones on or off.

https://www.trivum.com/trivum/docs/en/mcenter-mqtt.html

Better web radio status display

Some web radio stations apply geoblocking, returning an html or xml reply to tell about this. The basic text of such a reply is now visible to the user, for better understanding why there is no sound.
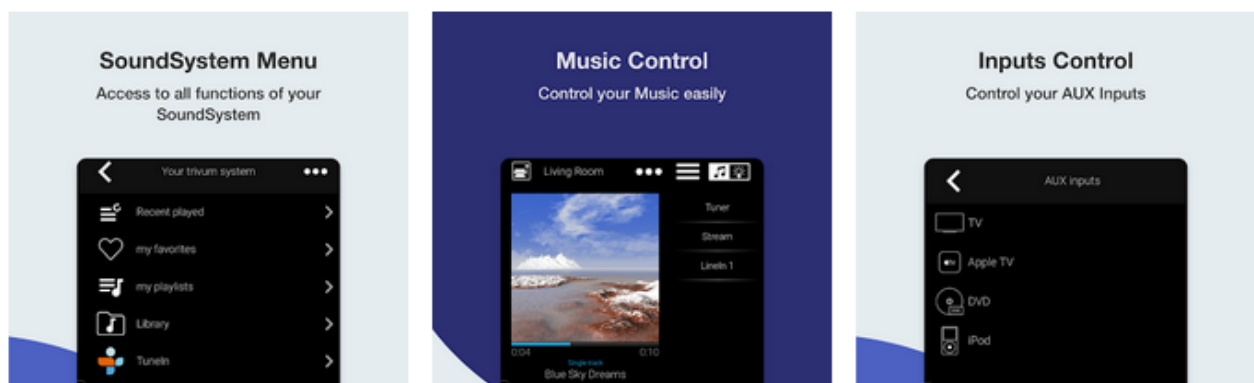
Japanese language support

is now available in the user interface and web configuration.

MusicCenter V9.52 build 14864

New Features

trivum App for Android is now available on Google Play

All owners of Android Smartphones and Tablets can now install the trivum Control app from the Google Play store.
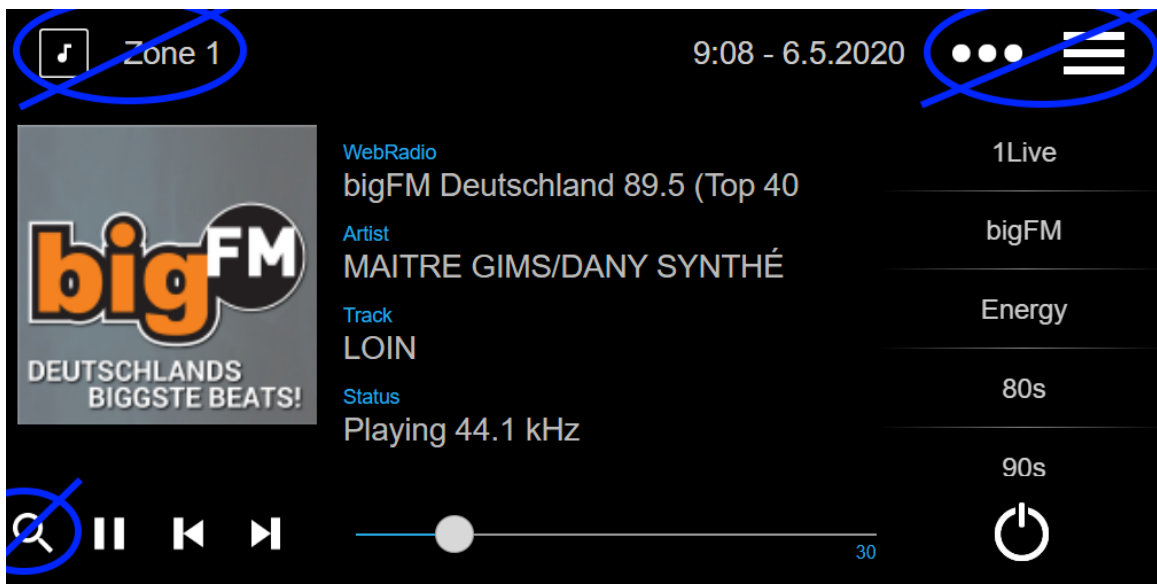

It allows to find your trivum devices in the network, and to select and use a device easily.

This app also comes with a demo mode, for anyone who has no trivum hardware yet. Just run the app, select the online demo, and experience the trivum look and feel.

Easy user interface limitation for commercial use

To use trivum in restaurants, bars and fitness studios, it is often desired to disable all kind of setup and configuration options, and to limit the music selection to predefined actions.

This can now be configured easily with two new options to disable the whole main menu and zone list in the control units. These options can be applied globally, or per control unit.

Instant DSP preset selection

It is now possible to toggle between DSP presets like Pop, Rock or Classic directly in WebApps and Touchpads, under Sound Settings. This function is limited to the current zone. In group play it will only change the group master zone.

NAS library scan improved

The scanning status display was fully reworked, allowing to see live status updates and more detailed scan results in the web configuration.

Bug Fixes

RP341: no sound after using SpotifyConnect

When using SpotifyConnect in it's control zone it could happen that no stream play was possible afterwards, until restart. This is now fixed.

KNX displays: name of stream and tuner source

KNX displays showing 14 character text can now show if a streaming or FM tuner source is used.

MusicCenter V9.51 build 14718

New Features

SC devices: support for spatial audio

This is an effect which widens the stereo listening experience. The level and a filter frequency (LPF) can be adjusted in the web configuration. So far this effect is available only for the FLEX line, like SC344V2.

SC devices: options to swap stereo output and phase

It is now possible to swap the left and right output of a stereo zone, or to invert the signal phase.

When combining spatial effect, L/R swap and 4 speakers in a zone (2 stereo outputs of an SC device), it is now possible to have a pseudo quadrophony effect.

WebTouch: Option for white background

The traditionally black WebTouch can now be displayed with white background, ideal for use with Gira G1 and Gira X1.

To use it, type an URL like trivumip/?skin=white or use the global option under: System / Setup /

user interface details.

WebConfig can now be scaled manually

Just like the WebTouch it's content can now be enlarged or shrunk by adding a parameter, like for example: trivumip/setup?rows=20.

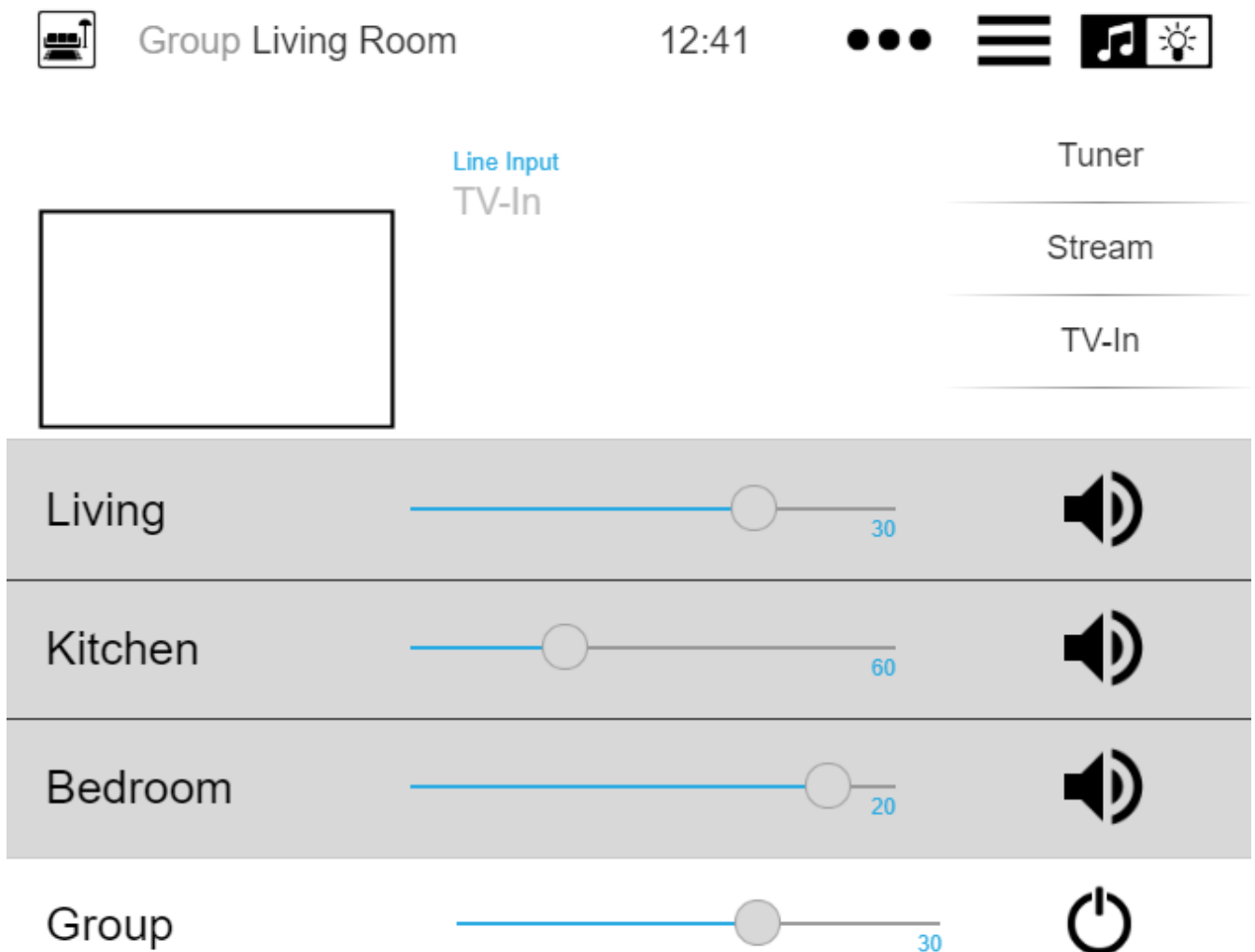## WebConfig: auto refresh of contents

In many places the displayed contents are now auto refreshed, reducing the need to click Refresh at the right top.

'All Off' button can be disabled in zone select menu

If you limit a WebTouch to access specific zones only, you may not want to have the 'All Off' button displayed any longer, as it switches of all zones. Now there is an option to configure this.

WebTouch: Volume slider adapts to zone audio volume limit

For example, if a zone has it's volume limited to 20 percent, then the volume slider will now go to the full right when reaching 20 percent.

Audio Services: configured display names are now always used

Until V9.50 configured display names were used only if more that one account was configured for the same audio service. This has changed now.

Improved macro editing

It is now easier to create macros. The sequence of macro steps can now be changed.

Improved analysis

There is now a new Inspect menu to group all kinds of system trace informations.

The tracing functions, e.g. Event Log, are now shown as tables, with many of them offering an auto refresh.

Changes

Zone Paging audio volume setup moved

This was moved to the paging setup, where it belongs to.

Bug Fixes

IPFinder for Windows: empty list with multiple network interfaces

On PCs/notebooks with multiple network interfaces it could happen that the trivum ServerAdministration tool used the wrong interface when searching for trivum devices, causing an empty list.

With version 1.41 it listens to all available interfaces in parallel.
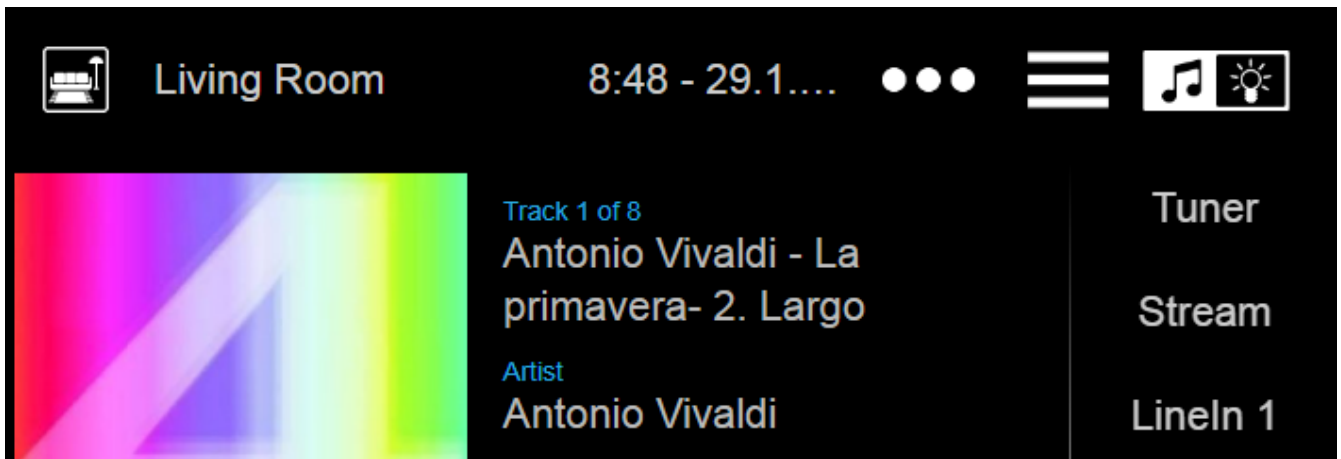
SimpleControl Web Visu did not start

Entering trivumip/sc will now again display the reduced user interface.

MusicCenter V9.50 build 14683

New Features

WebTouch and WebConfig: full rework

These now use a new technical base, with a fresh look, improved usability and improved compatibility with many devices like tablets, smartphones and touch screens.

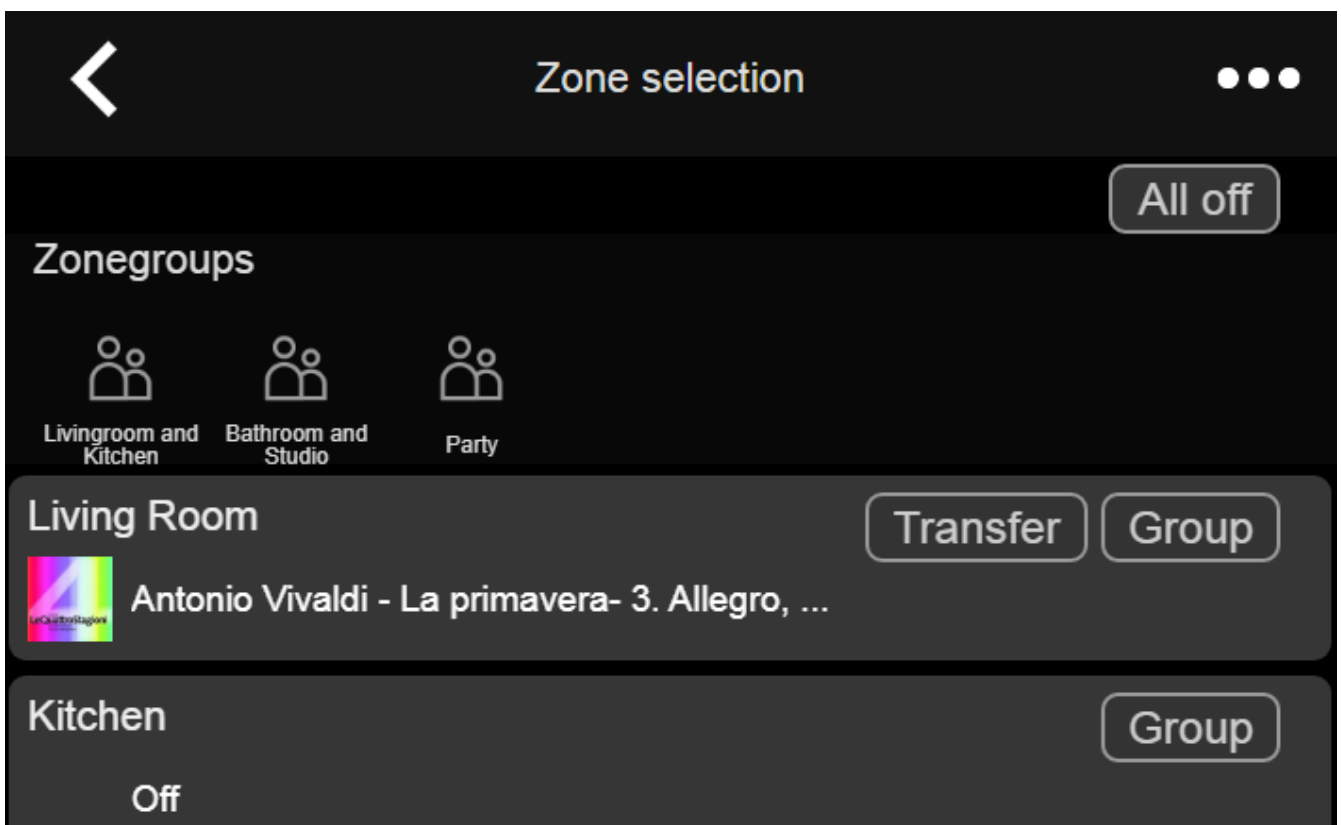## Automation Control: now directly available in the WebTouch

trivum devices allow to define web automation objects like a KNX light switch, weather forecast, or webcam. To display these objects, until recently you had to enter a special URL in the web browser. From now on you get a button in the right top of the WebTouch allowing a direct switch to the automation area.

Touch Panel PC: improved support

The WebTouch was fully reworked, using a new technical foundation. This allows use of the WebTouch on more TouchPanel PC's then before.

WebTouch: compressed display of zone groups

There is now an option to list defined zone groups very compact in one line, instead of using one line per zone group.
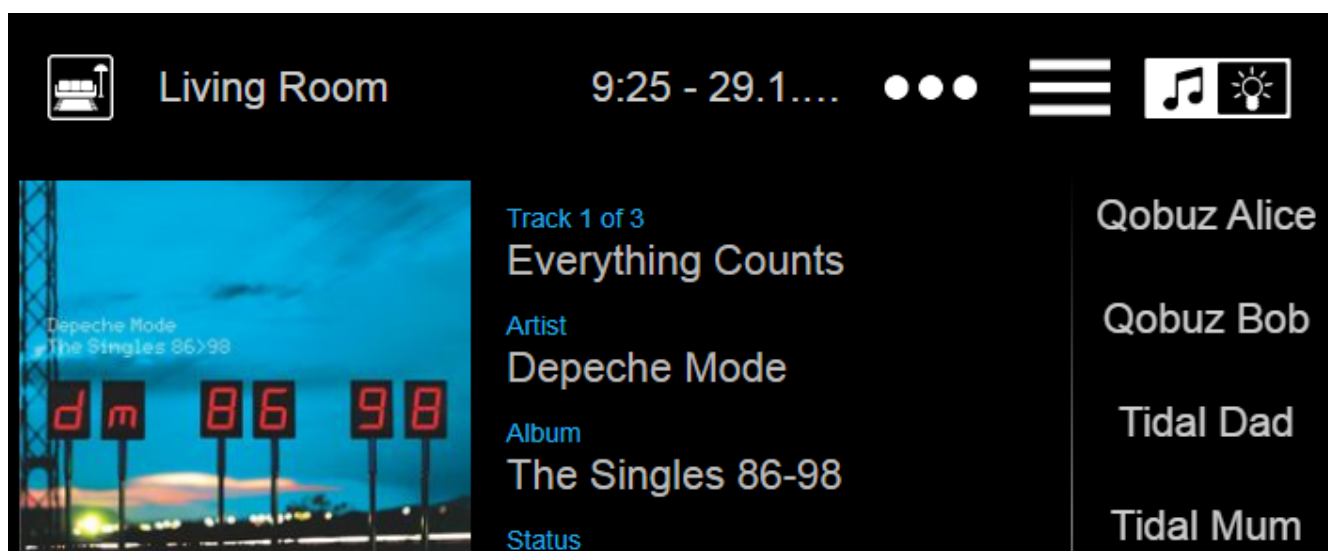
Scheduler: audio volume of automation events

The scheduler (automation calendar) now allows to define an audio volume directly with an event. So, if you run a specific playlist at 8 o'clock every morning in a room, you can clearly define to use a fixed audio volume, instead of using workarounds like setting a zone activation volume.

Ringtones: easier upload, larger files

The web configuration now contains an easily visible function to upload custom ringtone files. Furthermore the size limit for these files was increased to 5 mb, which should be sufficient for the one or other full .mp3 music file to be used for a customized and reliable alarm play in the morning.

Audio Services: configurable display names

With audio services like Deezer, Tidal or Qobuz, it is possible to define multiple (premium) accounts on the same system. By default these are distinguished in the user interface by their account name, e.g. an email address. Instead of displaying that account name you can now enter a self defined name for more convenient display.

KNX Climate Control: more options for comfort temperature handling

By default, when switching the mode of a climate control, trivum sends the current comfort temperature to the climate actuator. With some actuator models this is not desireable, as they change their comfort temperature themselves, based on mode dependent offsets. So there is now an option to disable this sending.

Software Update: detection of incomplete update

On a software update, trivum devices get two parts of software: the main music center software, and a firmware module.

In rare cases it may occur that an update fails to install the latest firmware module, causing audio failure. This is now detected, shown in the web configuration, and an option to directly re-install the firmware is offered.

WebTouch: warning on outdated cache

After a software update users often have to clear web browser caches to use the newest code. However this can be forgotten. If you now select 'About your Soundsystem' in the WebTouch menu, it will show a warning about this.

Bug Fixes

iPad: no touch control with standalone browser

Touch input was not recognized due to incompatible iOS updates.

iPad: setting of alarm time not possible

Long press on +/- lead to endless triggering of that field, due to incompatible iOS updates.

AudioBox used in Slave Mode: frontpanel LED settings could not be changed

It was not possible to configure the brightness settings for frontpanel LEDs with such devices in Slave mode.

WebTouch: blank screen on 'Listen' function.

When playing music in the first zone, then trying to Listen to that in the second zone, an empty screen appeared.

Alarm: monday to friday range not selectable.

After enabling and disabling the 'once' option, it was no longer possible to use the generic weekdays range "Mo-Fr". Now it can be used again.

Alarm test: diverse errors

When using the function to test alarm play it showed an error: "No partner found for this session". Furthermore the configured audio volume was not used during test.

WebTouch: lowest line in popups not reachable

E.g. when opening extra information by "..." for the current playing music, the lowest line was not reachable.

WebConfig: Audio Service password not editable

Passwords could not be entered.

Zone List: wrong group name display

A group name should reflect the master zone of that group, which is producing the music. This was

not always the case.

Software Changelist

Find the detailed list of changes here:

MusicCenter changelist

Touchpad changelist