

Quickstart guide

ZMS200 / ZLC200

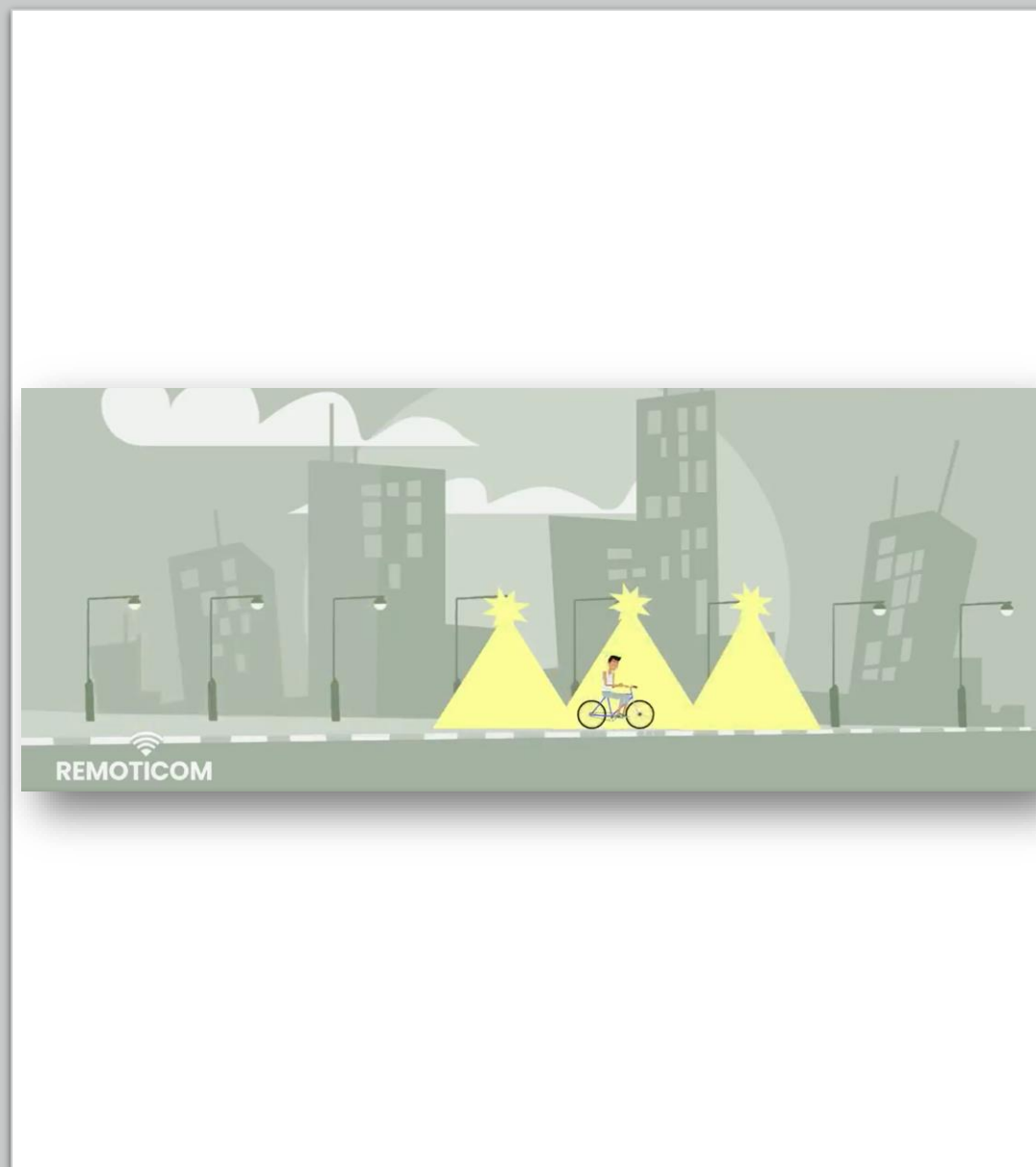


Prerequisites

ZMS200 and ZLC200 (i.e. ZMS200 without motion sensor) products need configuration using the **Remoticom ZMS200** app, available in the Android Play Store.

In order to use the app, a user account is required. For security reasons, this account can only be created by Remoticom.

Please send a mail to support@remoticom.com before you continue with installation!



Installing the App

Go to the Android Play App Store and search for “Remoticom ZMS-200”.

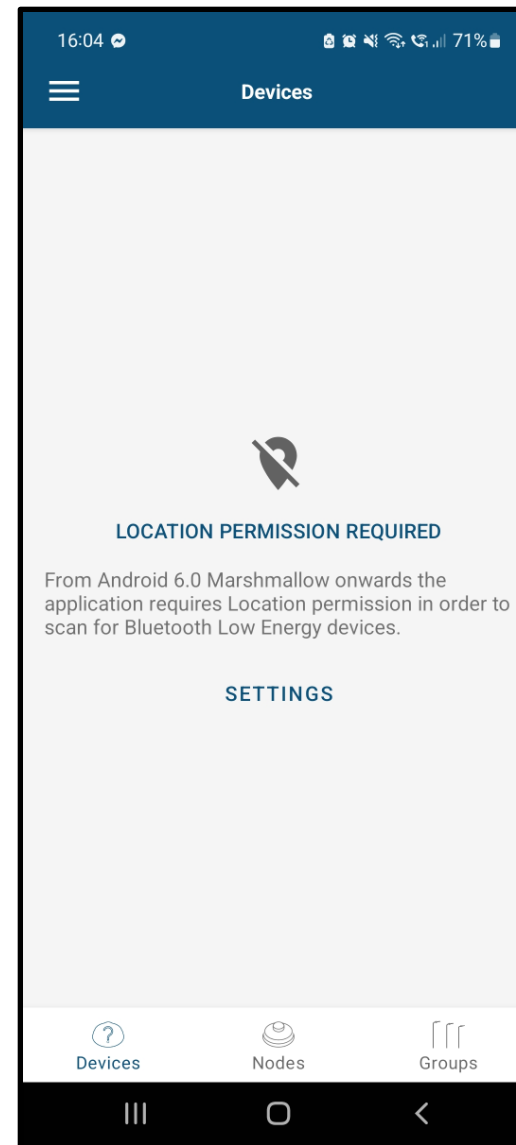
Install and open the app.



Permissions

When you start the app for the first time it will ask for permission to use your location.

Please allow your location to be used by the app. The location is needed to configure the ZMS200 or ZLC200 with the correct geographical location and time settings.



Scan for devices

When the app is started, it will automatically start looking for available devices.

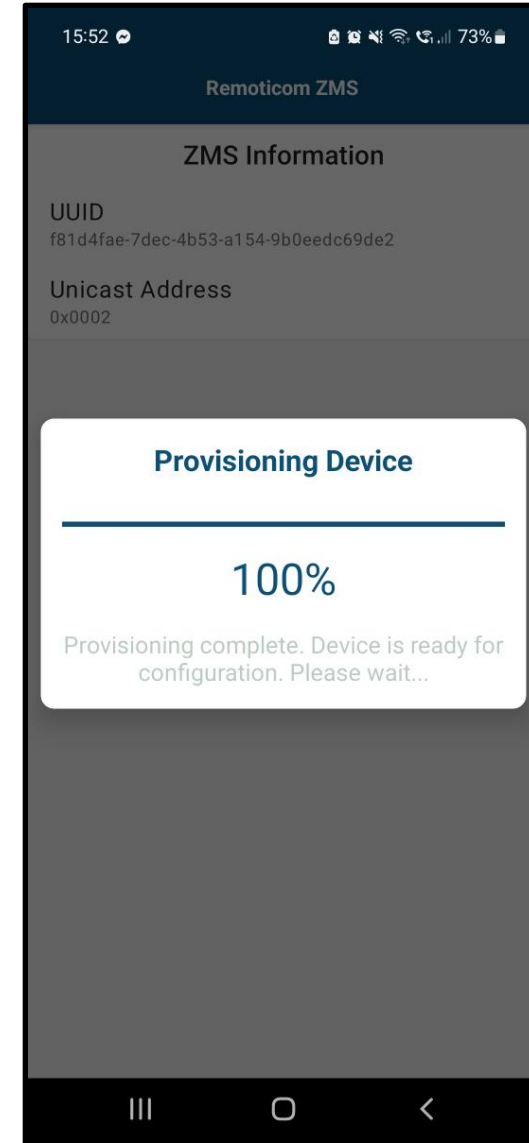
Once a device has been found, it will appear in the devices tab.



Provisioning

Once the device is found you need to press on the little cross next to it to provision this device.

When this is done it is possible to change the configuration of the device.



Nodes

Once the device has been provisioned, it becomes visible in the nodes tab.

To see with which device you are currently communicating, press on the device. The fixture on which the device is mounted will start blinking.

To change or look at the settings of a device, press the settings icon next to the device.



No connection

If it is not possible to make a connection with a certain node, you will see the following screen. This can happen when the node has lost voltage or is defect for example.

This “lost node” can still be deleted from the network by pressing “remove” at the bottom of this screen. Keep in mind that by doing this, you can no longer edit or provision this node until you reset it.

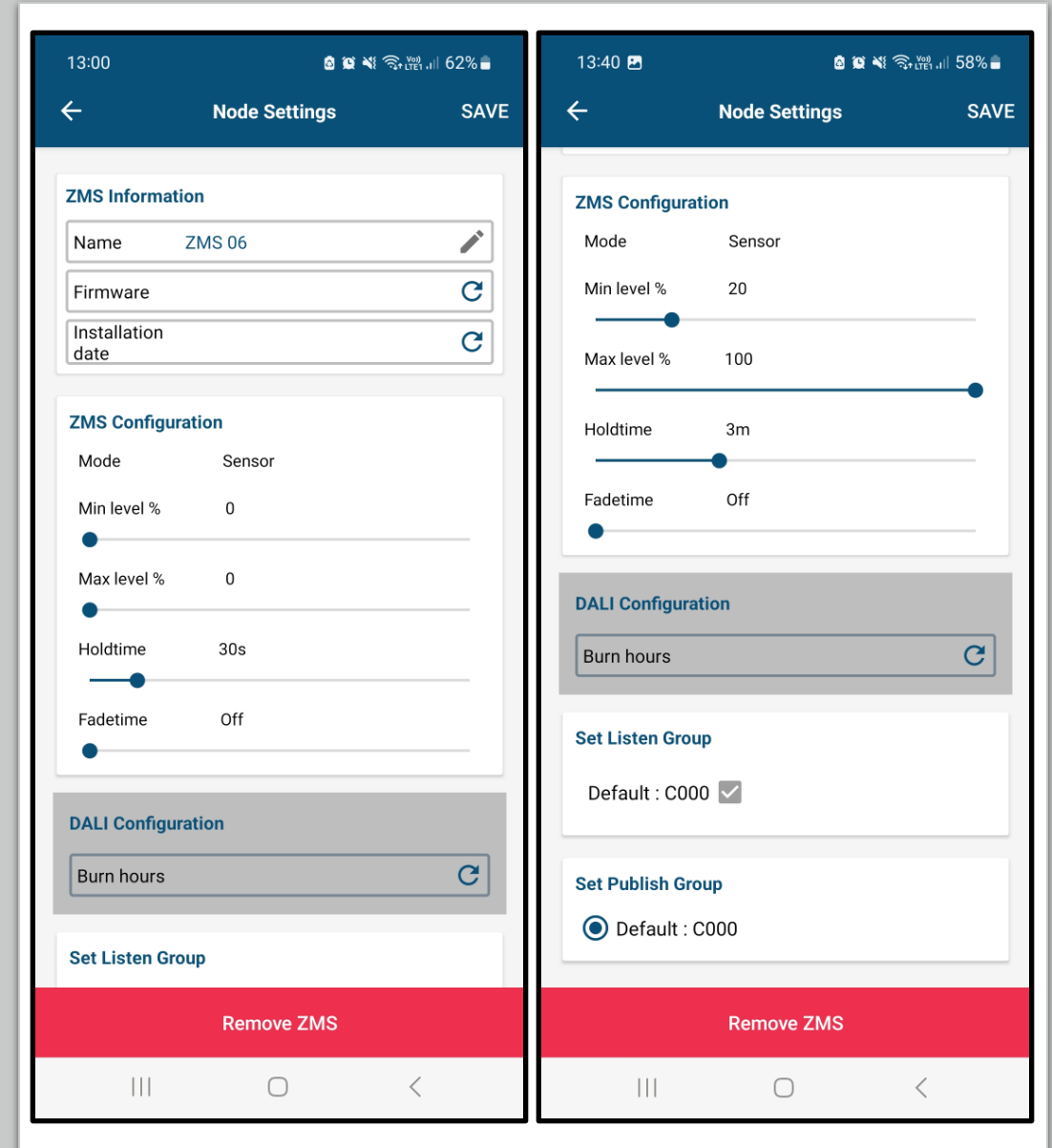


Node settings

Here you can check and change the node settings.

There are 5 subsections here:

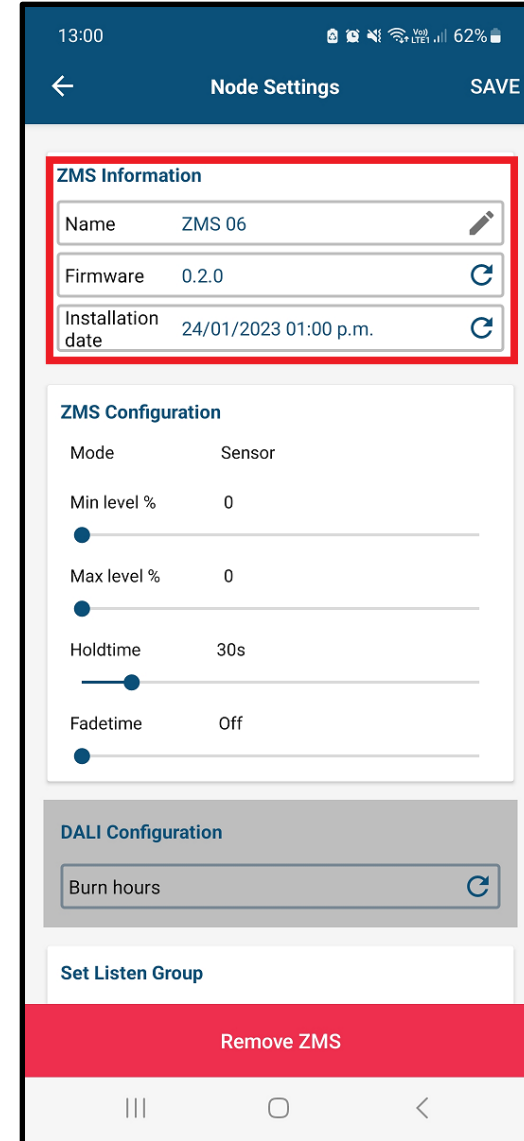
- ZMS information
- ZMS configuration
- DALI Configuration
- Set Listen Group
- Set Publish Group



ZMS information

To change the name of the device, press the pencil icon on the right.

To request the current firmware version and installation date of the firmware, press the refresh icon on the right.



The screenshot shows a mobile application interface for "Node Settings". At the top, there is a status bar with the time 13:00, signal strength, and battery level at 62%. Below the status bar is a navigation bar with a back arrow, the title "Node Settings", and a "SAVE" button. The main content area is divided into several sections. The first section, "ZMS Information", is highlighted with a red border and contains three rows: "Name" with the value "ZMS 06" and a pencil icon for editing; "Firmware" with the value "0.2.0" and a refresh icon; and "Installation date" with the value "24/01/2023 01:00 p.m." and a refresh icon. The second section, "ZMS Configuration", contains five rows: "Mode" set to "Sensor"; "Min level %" with a slider at 0; "Max level %" with a slider at 0; "Holdtime" set to "30s" with a slider; and "Fadetime" set to "Off" with a slider. The third section, "DALI Configuration", contains one row: "Burn hours" with a refresh icon. Below this is a "Set Listen Group" section. At the bottom of the screen is a red bar with the text "Remove ZMS". The very bottom of the screen shows the Android navigation bar with three icons: a square, a circle, and a triangle.

ZMS Information	
Name	ZMS 06
Firmware	0.2.0
Installation date	24/01/2023 01:00 p.m.

ZMS Configuration	
Mode	Sensor
Min level %	0
Max level %	0
Holdtime	30s
Fadetime	Off

DALI Configuration	
Burn hours	

Set Listen Group

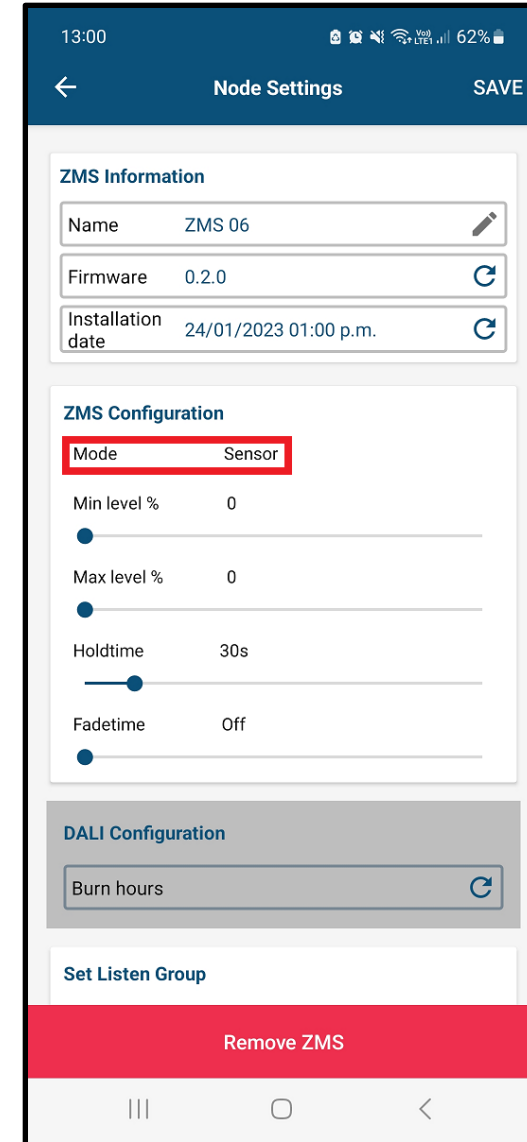
Remove ZMS

Device modes

Here you can see what mode the device is currently in. There is no way to change the mode from the app. Unless a custom firmware is being used the ZMS will detect other controllers and change its mode accordingly.

When the device is in “**sensor mode**” there is no communication between the device and the LED driver, and the device will only act as a motion detection sensor.

The device can also be in “**stand-alone mode**”, in this mode the device will also act as a controller.

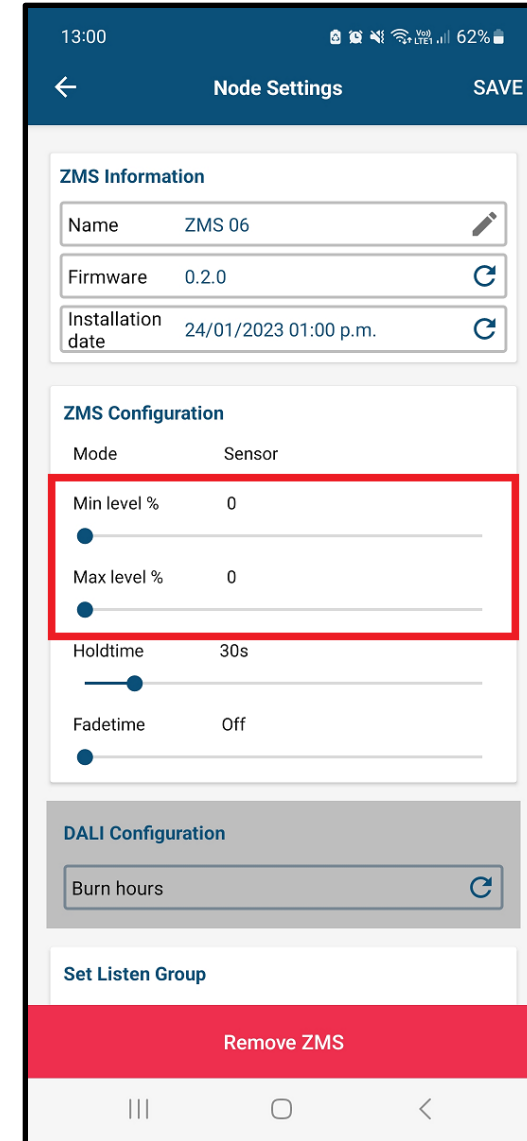
A screenshot of a mobile application interface titled "Node Settings". The interface is divided into several sections: "ZMS Information" with fields for Name (ZMS 06), Firmware (0.2.0), and Installation date (24/01/2023 01:00 p.m.); "ZMS Configuration" with a "Mode" dropdown set to "Sensor", and sliders for "Min level %", "Max level %", "Holdtime" (30s), and "Fadetime" (Off); "DALI Configuration" with a "Burn hours" field; and a "Set Listen Group" section. At the bottom, there is a red button labeled "Remove ZMS". The top status bar shows the time as 13:00 and battery level at 62%.

Min and Max level

Min level is the value that is sent out after **“Holdtime”** has finished.

Max level is the value that is sent when motion has been detected.

These values are not used when the device is in sensor mode.



13:00 62%

Node Settings SAVE

ZMS Information

Name ZMS 06

Firmware 0.2.0

Installation date 24/01/2023 01:00 p.m.

ZMS Configuration

Mode	Sensor
Min level %	0
Max level %	0
Holdtime	30s
Fadetime	Off

DALI Configuration

Burn hours

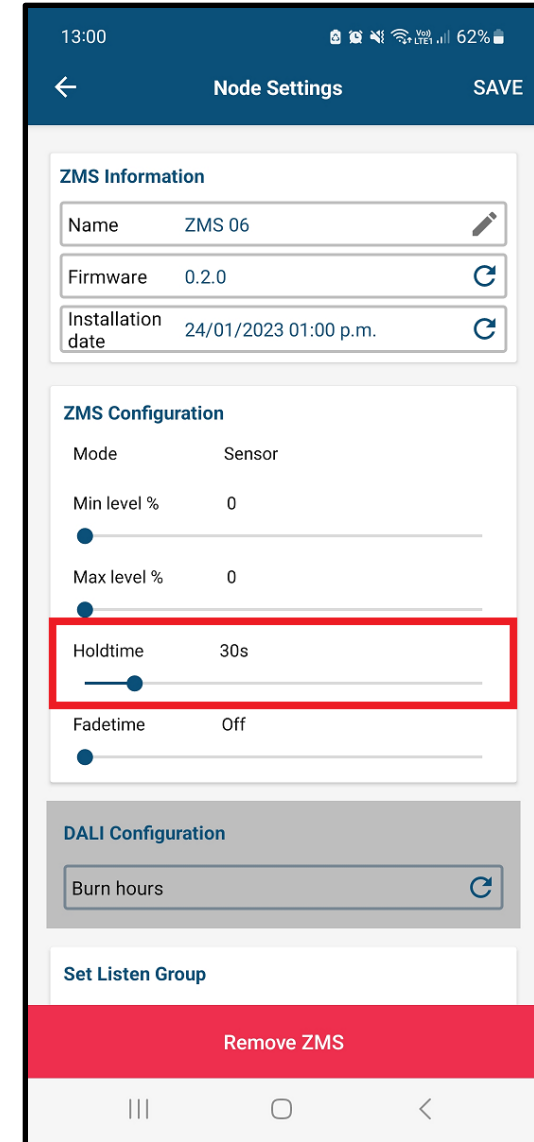
Set Listen Group

Remove ZMS

Holdtime

Holdtime is the length of time the fixture will burn at max level, after motion has been detected.

This value is not used when the device is in sensor mode.



13:00 62%

Node Settings SAVE

ZMS Information

Name	ZMS 06	
Firmware	0.2.0	
Installation date	24/01/2023 01:00 p.m.	

ZMS Configuration

Mode	Sensor
Min level %	0
Max level %	0
Holdtime	30s
Fadetime	Off

DALI Configuration

Burn hours	
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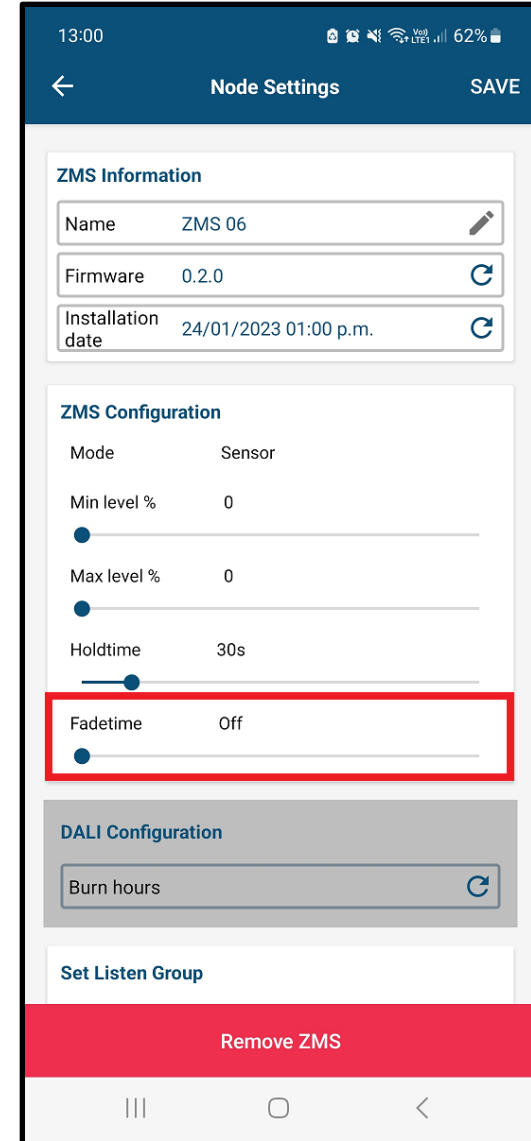
Set Listen Group

Remove ZMS

Fadetime

Fadetime is the time it will take to go from max level to min level. This transition will happen instantly when this is disabled.

This value is not used when the device is in sensor mode.



13:00 62%

Node Settings SAVE

ZMS Information

Name	ZMS 06	
Firmware	0.2.0	
Installation date	24/01/2023 01:00 p.m.	

ZMS Configuration

Mode	Sensor
Min level %	0
Max level %	0
Holdtime	30s
Fadetime	Off

DALI Configuration

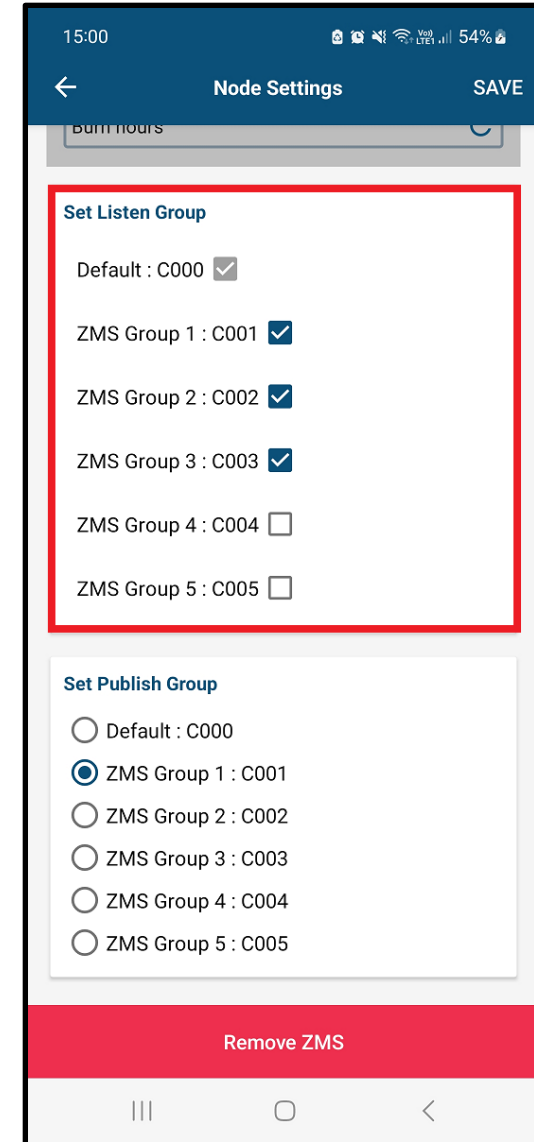
Burn hours	
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Set Listen Group

Remove ZMS

Set Listen Group

The device listens to group “c000” by default, here you can choose to have the device listen to other groups.



The screenshot shows a mobile application interface for "Node Settings". At the top, there is a status bar with the time 15:00 and battery level 54%. Below the status bar is a blue header with a back arrow, the title "Node Settings", and a "SAVE" button. The main content area is divided into two sections. The first section, "Set Listen Group", is highlighted with a red border and contains a list of groups with checkboxes: "Default : C000" (checked), "ZMS Group 1 : C001" (checked), "ZMS Group 2 : C002" (checked), "ZMS Group 3 : C003" (checked), "ZMS Group 4 : C004" (unchecked), and "ZMS Group 5 : C005" (unchecked). The second section, "Set Publish Group", is below the first and contains a list of groups with radio buttons: "Default : C000", "ZMS Group 1 : C001" (selected), "ZMS Group 2 : C002", "ZMS Group 3 : C003", "ZMS Group 4 : C004", and "ZMS Group 5 : C005". At the bottom of the screen, there is a red button labeled "Remove ZMS" and a white bar with three icons: a list icon, a home icon, and a back icon.

15:00 54%

Node Settings SAVE

Set Listen Group

Default : C000 ☒

ZMS Group 1 : C001 ☒

ZMS Group 2 : C002 ☒

ZMS Group 3 : C003 ☒

ZMS Group 4 : C004 ☐

ZMS Group 5 : C005 ☐

Set Publish Group

☐ Default : C000

☒ ZMS Group 1 : C001

☐ ZMS Group 2 : C002

☐ ZMS Group 3 : C003

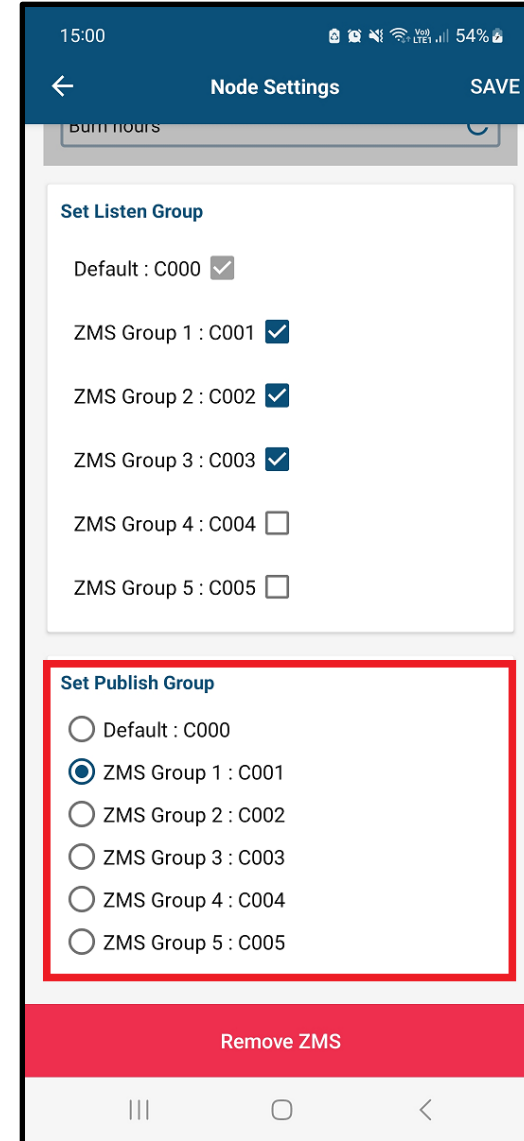
☐ ZMS Group 4 : C004

☐ ZMS Group 5 : C005

Remove ZMS

Set Publish Group

If this is enabled the device will trigger all other devices in the group as well when the device detects motion.



15:00 54%

← Node Settings SAVE

Set Listen Group

Default : C000 ☒

ZMS Group 1 : C001 ☒

ZMS Group 2 : C002 ☒

ZMS Group 3 : C003 ☒

ZMS Group 4 : C004 ☐

ZMS Group 5 : C005 ☐

Set Publish Group

☐ Default : C000

☒ ZMS Group 1 : C001

☐ ZMS Group 2 : C002

☐ ZMS Group 3 : C003

☐ ZMS Group 4 : C004

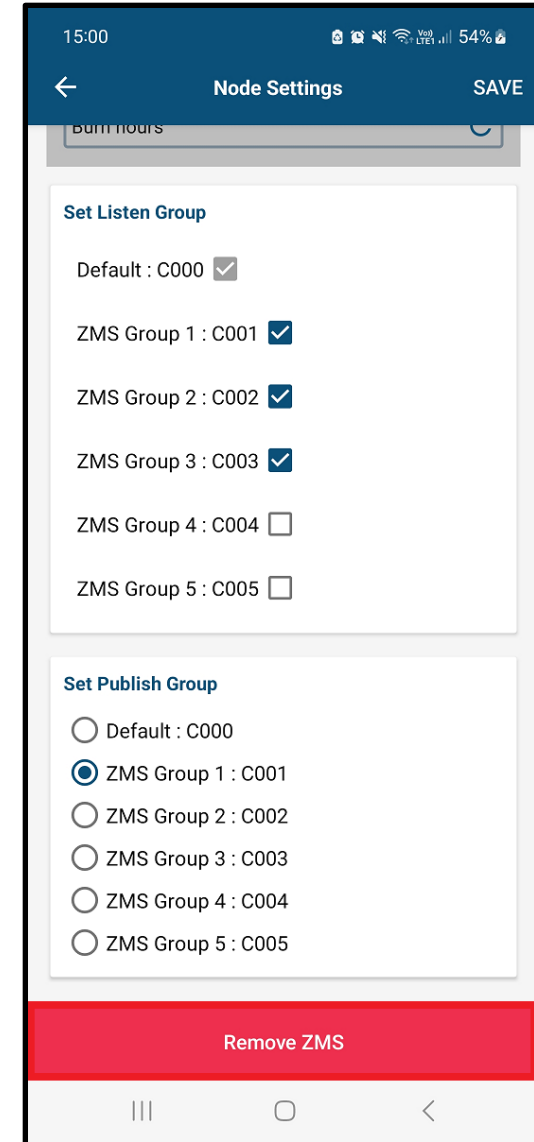
☐ ZMS Group 5 : C005

Remove ZMS

||| ○ <

Remove ZMS

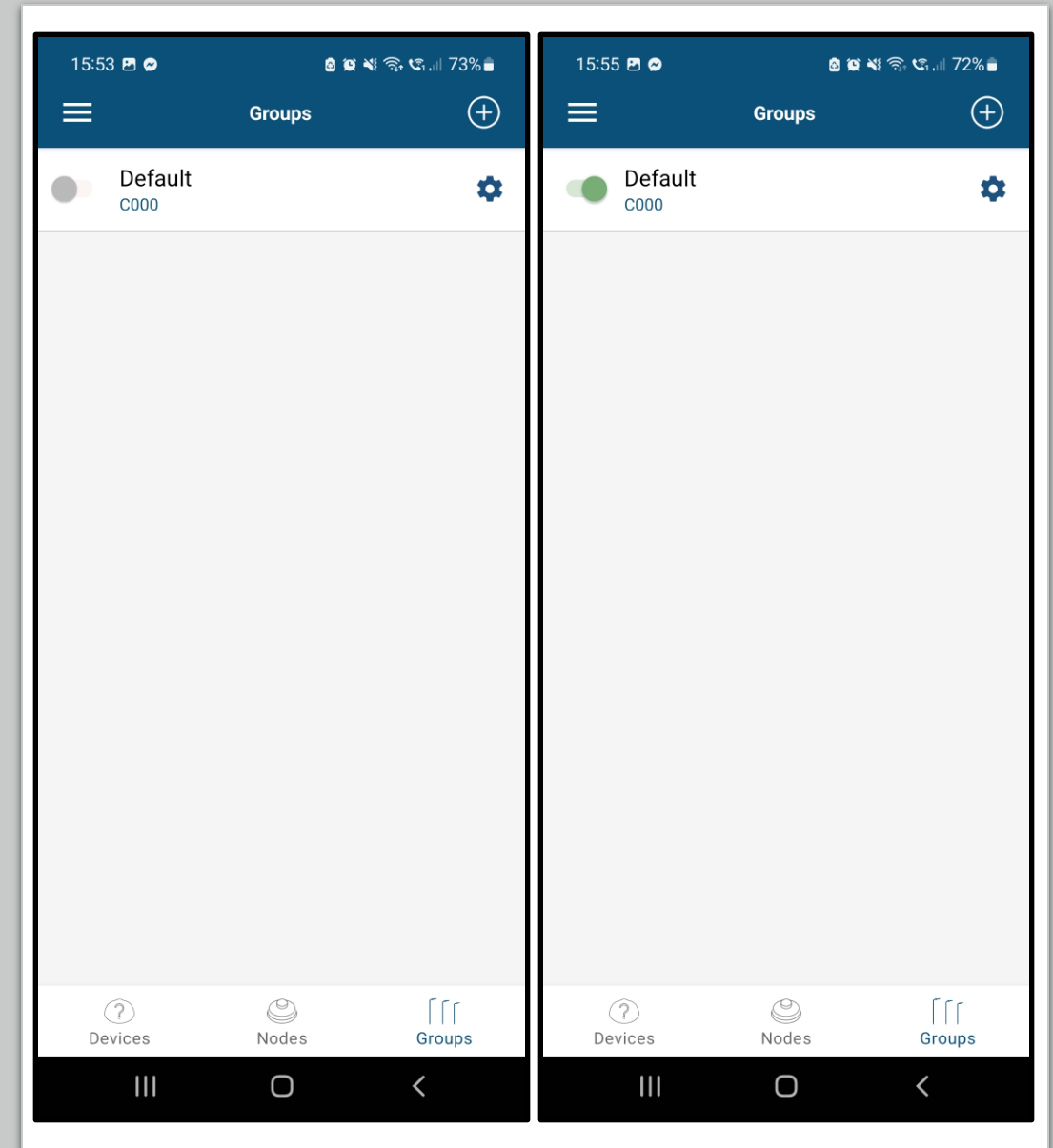
This removes the ZMS from the network and sets the device state to un-provisioned.



Groups

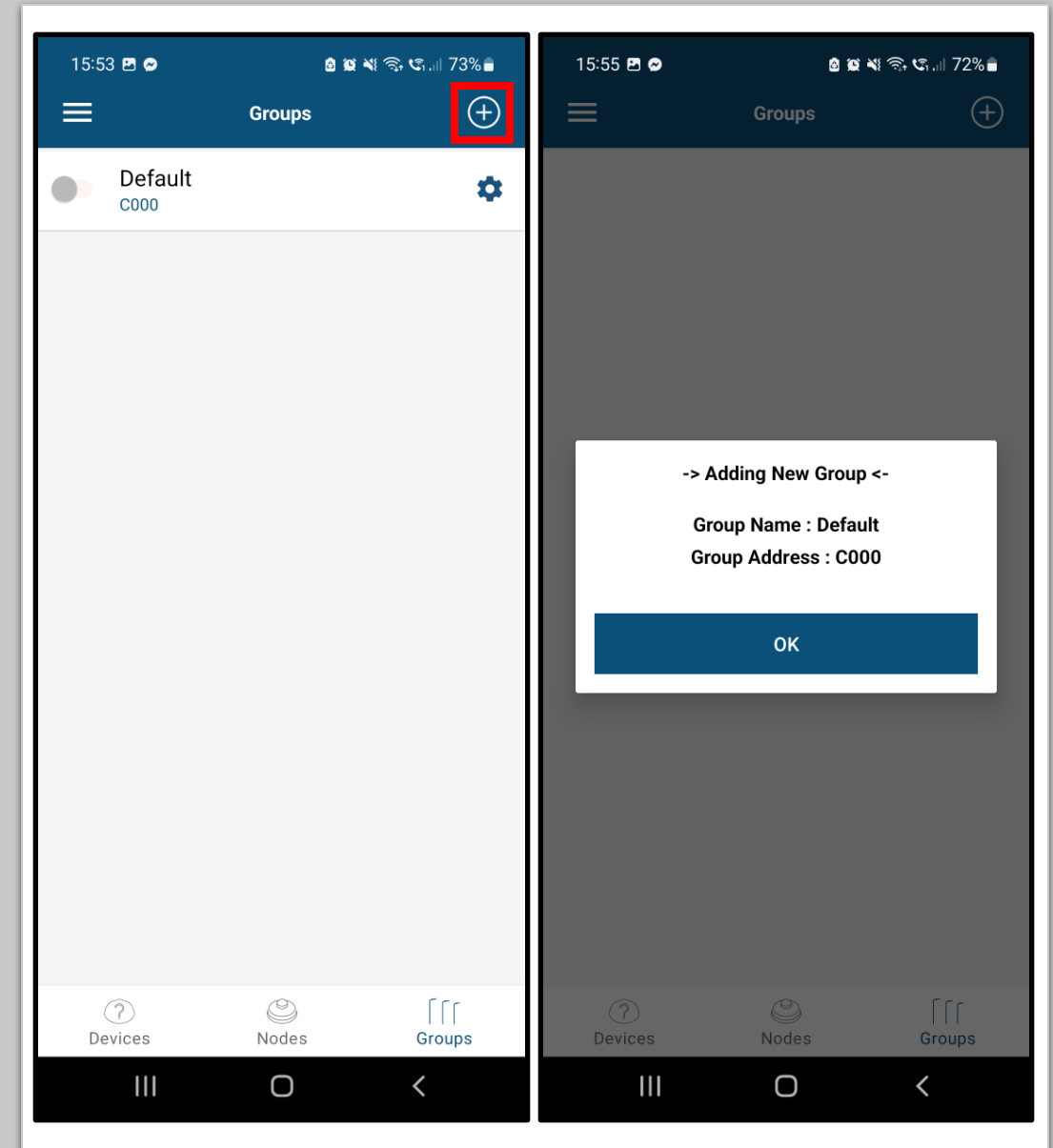
When adding devices, they will be subscribed to group c000 by default.

By pressing the settings icon from a group, you can see and change the settings of this group.



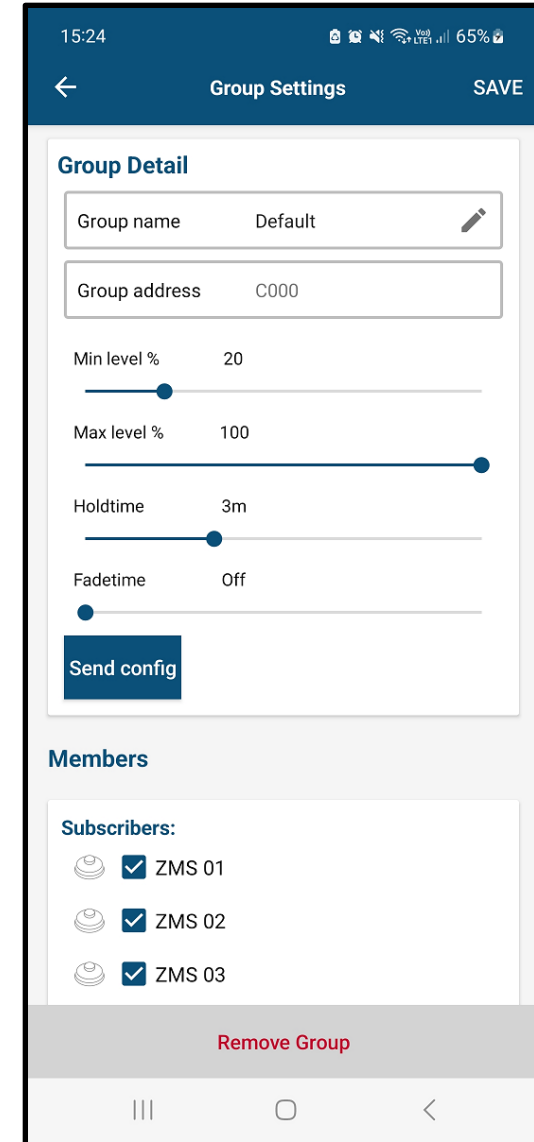
Adding new group

You can add new groups by pressing the “+” in the top right corner



Group settings

Here you can check and change the group settings.



The screenshot shows a mobile application interface for "Group Settings". At the top, there is a status bar with the time 15:24, signal strength, and 65% battery. Below the status bar is a navigation bar with a back arrow, the title "Group Settings", and a "SAVE" button. The main content area is divided into two sections: "Group Detail" and "Members".

Group Detail

- Group name:** Default (with an edit icon)
- Group address:** C000
- Min level %:** 20 (with a slider)
- Max level %:** 100 (with a slider)
- Holdtime:** 3m (with a slider)
- Fadetime:** Off (with a slider)
- Send config:** A blue button to apply the settings.

Members

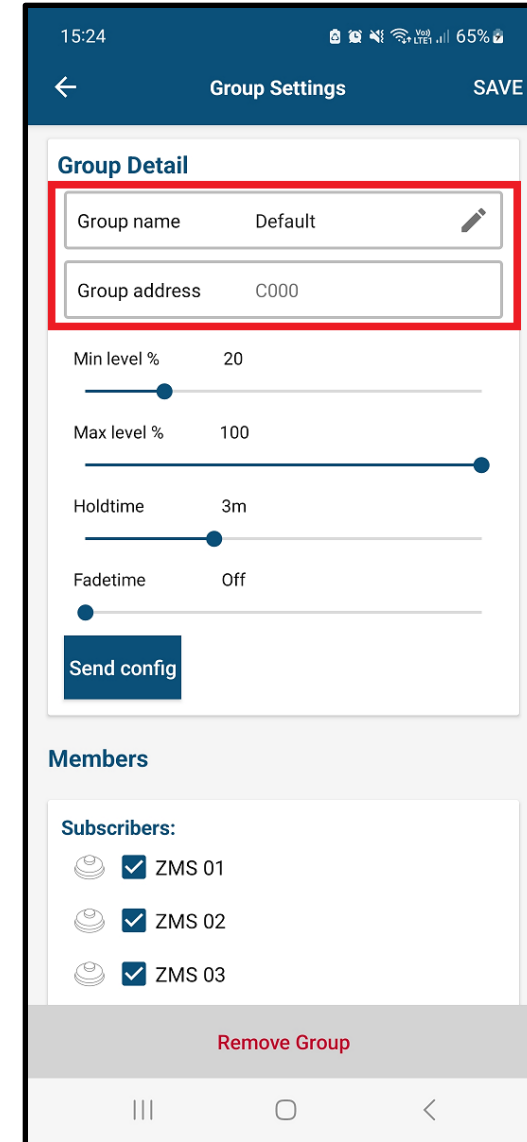
Subscribers:

- ☒ ZMS 01
- ☒ ZMS 02
- ☒ ZMS 03

At the bottom of the "Members" section, there is a red text link "Remove Group". The bottom of the screen shows a standard Android navigation bar with three icons: a square, a circle, and a triangle.

Group name/address

Here you can change the name of the group by pressing on the pencil icon on the right or pressing the name directly.



The screenshot shows the 'Group Settings' screen of an application. At the top, there is a status bar with the time 15:24 and various icons. Below the status bar is a blue header with a back arrow, the title 'Group Settings', and a 'SAVE' button. The main content area is divided into two sections. The first section, titled 'Group Detail', contains two input fields: 'Group name' with the value 'Default' and a pencil icon to its right, and 'Group address' with the value 'C000'. These two fields are enclosed in a red rectangular box. Below these fields are four sliders: 'Min level %' set to 20, 'Max level %' set to 100, 'Holdtime' set to 3m, and 'Fadetime' set to Off. A blue button labeled 'Send config' is positioned below the sliders. The second section, titled 'Members', contains a sub-section 'Subscribers:' with three entries: 'ZMS 01', 'ZMS 02', and 'ZMS 03', each preceded by a checked checkbox and a small icon. At the bottom of the screen, there is a grey bar with the text 'Remove Group' in red. The very bottom of the screen shows the Android navigation bar with three icons.

15:24

Group Settings

SAVE

Group Detail

Group name Default

Group address C000

Min level % 20

Max level % 100

Holdtime 3m

Fadetime Off

Send config

Members

Subscribers:

☒ ZMS 01

☒ ZMS 02

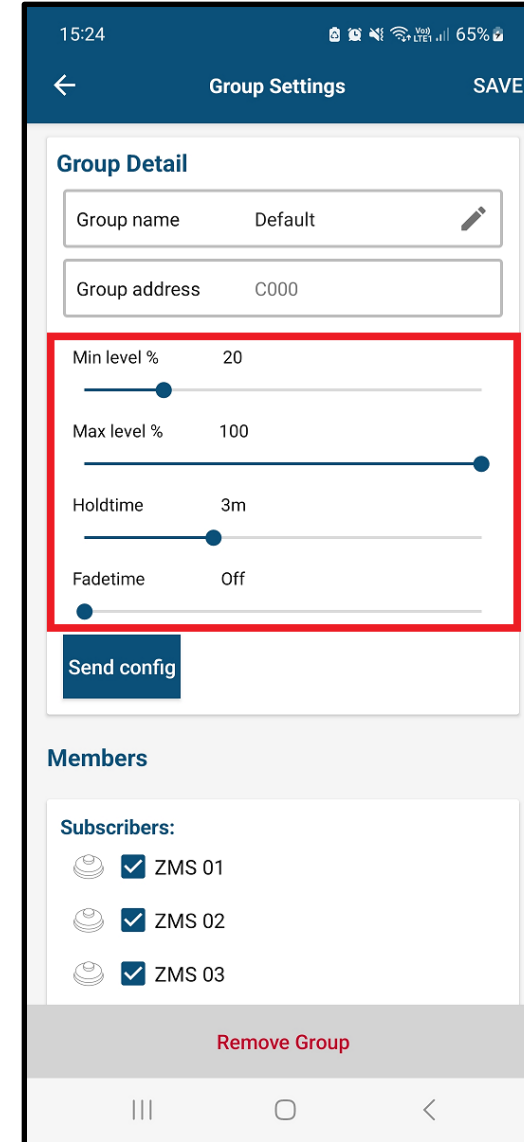
☒ ZMS 03

Remove Group

ZMS group configuration

Here you can adjust these settings, which we have discussed previously in the nodes section, for the entire group.

This instead of configuring them for each device separately.

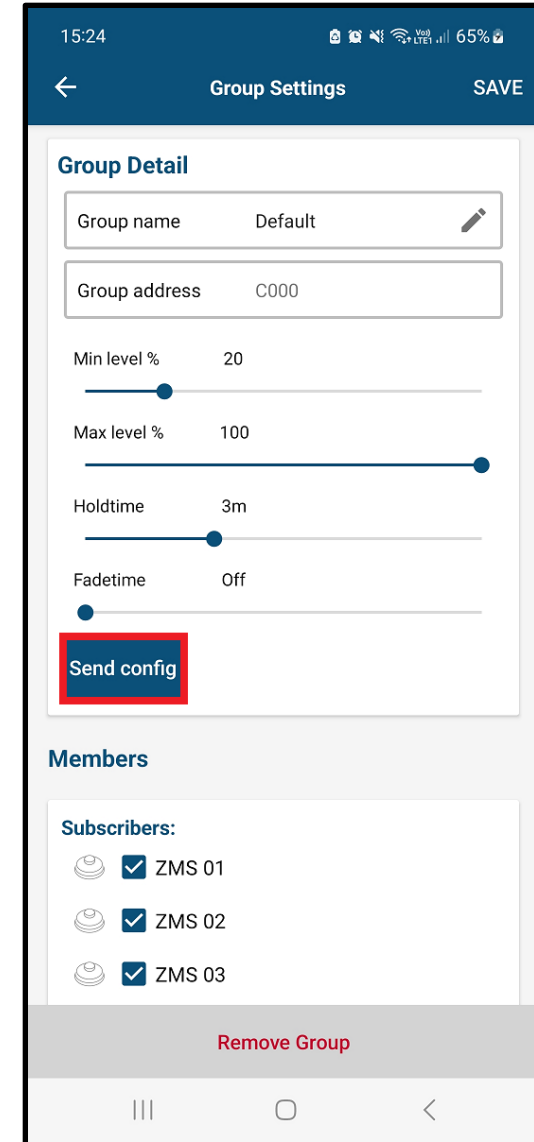


The screenshot shows the 'Group Settings' screen of a mobile application. At the top, the status bar displays the time 15:24, signal strength, and 65% battery. The app header is dark blue with a back arrow, the title 'Group Settings', and a 'SAVE' button. The main content area is white and divided into sections. The 'Group Detail' section contains two input fields: 'Group name' with the value 'Default' and an edit icon, and 'Group address' with the value 'C000'. Below this, a red rectangular box highlights four settings: 'Min level %' with a slider at 20, 'Max level %' with a slider at 100, 'Holdtime' with a slider at 3m, and 'Fadetime' with a toggle set to 'Off'. A blue 'Send config' button is located below the red box. The 'Members' section follows, with a 'Subscribers:' header and a list of three items: 'ZMS 01', 'ZMS 02', and 'ZMS 03', each with a checked checkbox and a speaker icon. At the bottom of the screen, there is a grey bar with the text 'Remove Group' in red, and a standard Android navigation bar with three icons.

Send config

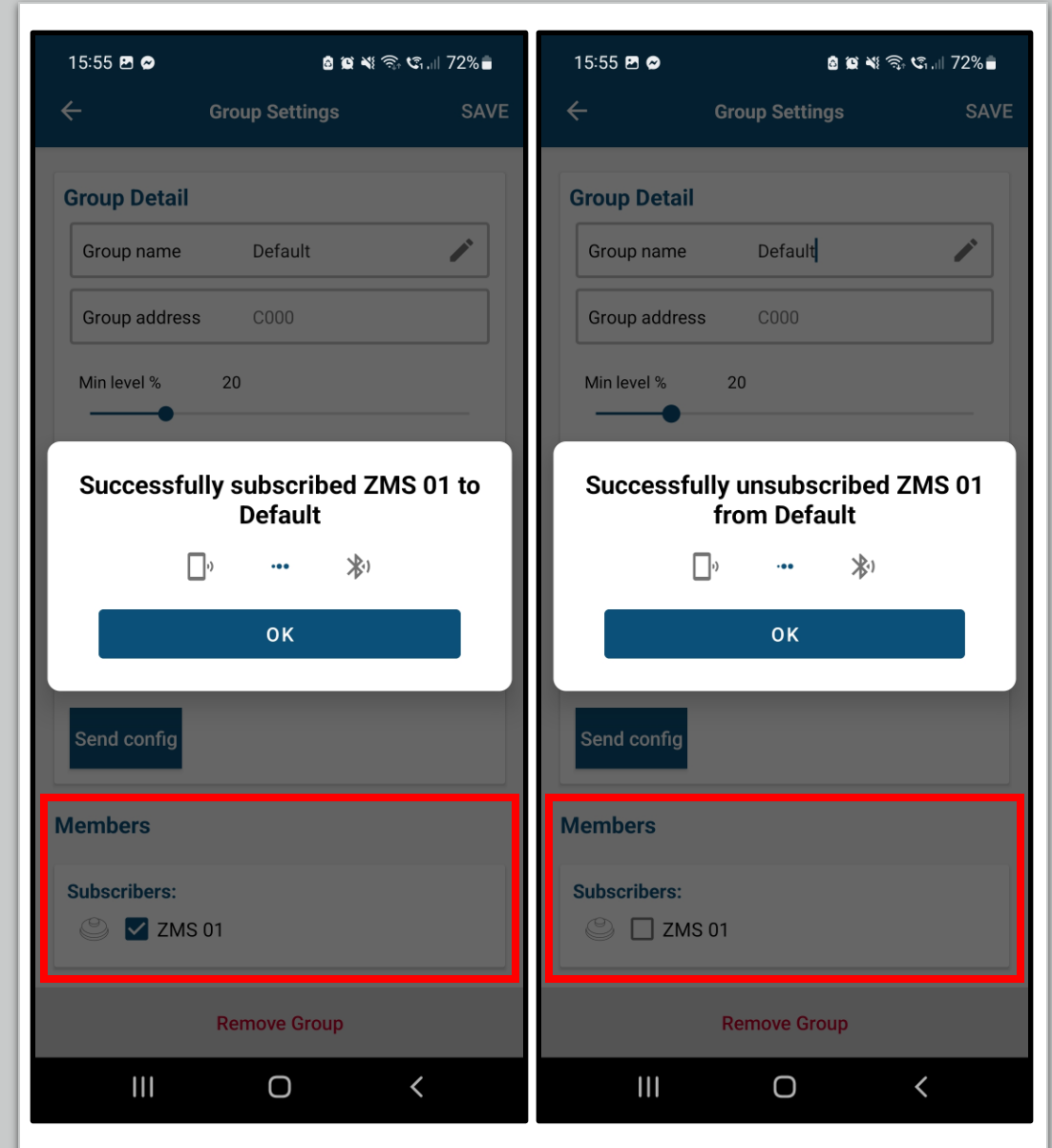
[Under development]

If you want to send this config to the subscribed nodes, press “send config”.

A screenshot of a mobile application's 'Group Settings' screen. The screen has a dark blue header with a back arrow, the title 'Group Settings', and a 'SAVE' button. Below the header is a 'Group Detail' section with fields for 'Group name' (set to 'Default') and 'Group address' (set to 'C000'). There are also sliders for 'Min level %' (set to 20), 'Max level %' (set to 100), 'Holdtime' (set to 3m), and 'Fadetime' (set to Off). A red box highlights the 'Send config' button at the bottom of the 'Group Detail' section. Below this is a 'Members' section with a 'Subscribers:' list containing three items: 'ZMS 01', 'ZMS 02', and 'ZMS 03', each with a checked checkbox and a small antenna icon. At the bottom of the screen is a grey bar with a red 'Remove Group' button. The very bottom of the screen shows a standard Android navigation bar with three icons: a square, a circle, and a triangle.

Members

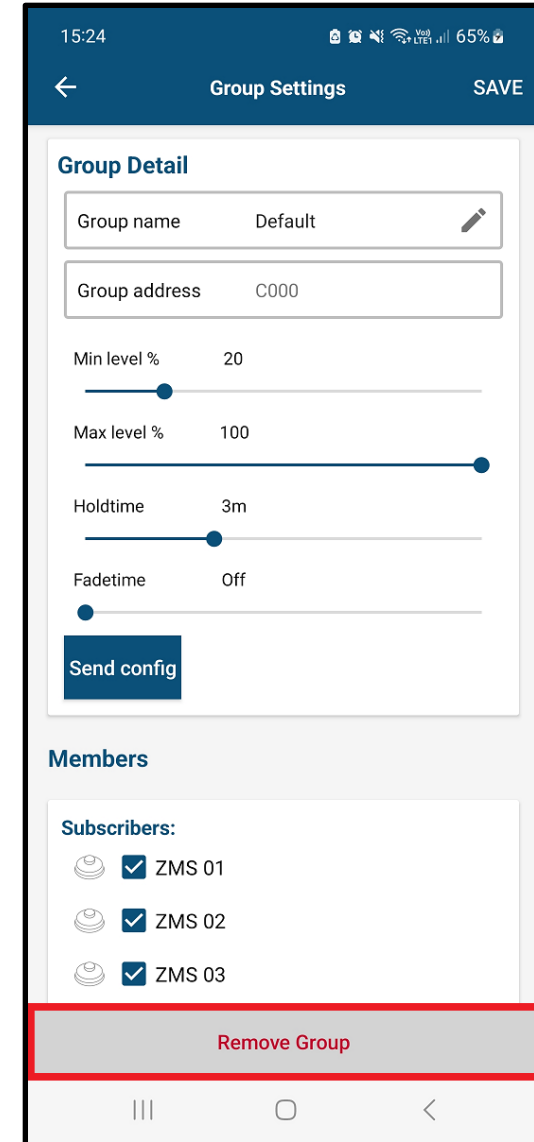
Here you can subscribe or unsubscribe devices to the group.



Remove Group

You can remove by pressing “Remove Group” at the bottom of your screen.

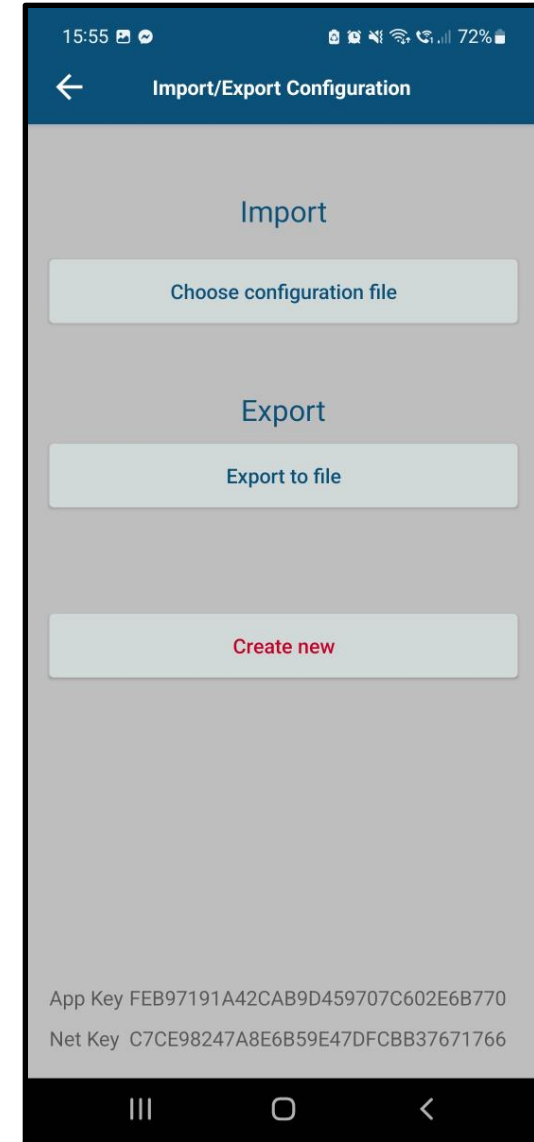
After this you will have to confirm your choice in a pop-up menu.



Import/Export Configuration

The app has the possibility to save configurations. This way you can save a separate config file for each installation location so that they can be called back later to change the installation.

Configurations can be saved by clicking on the icon with 3 dashes in the top left corner and then on “Exchange Mesh Configuration”.



Remote controls

Here you also have the option to export/import your config from your account.



Congratulations!

You've now successfully configured your first ZMS200. Repeat the same procedure to configure your other ZMS controllers as needed.

