IuxCONTROL **Tridonic 4remote BT-App** Product documentation

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Validity

This operating instruction is valid for the Control App of the basicDIM Wireless.

TRIDONIC GmbH & Co KG is constantly striving to develop all its products. This means that there may be changes in form, equipment and technology.

Claims cannot therefore be made on the basis of information, diagrams or descriptions in these instructions. The latest version of these operating instructions is available on our home page at http://www.tridonic.com/com/en/operating-instructions.asp

Copyright

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We are always open to comments, corrections and requests. Please send them to info@tridonic.com

Imprint

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Documentation Tridonic 4remote BT App | 03-2018 | 2.0 | en Safety instructions

Safety instructions

DANGER!

Danger of electrocution Disconnect the power to the entire lighting system before working on the lighting system!

DANGER!

Not to be used in corrosive or explosive environments.

A CAUTION!

The basicDIM Wireless will be damaged when used in DC mode.

_ Do not use the basicDIM Wireless in DC mode!

i NOTICE

Using multiple smart devices simultaneously can result in data collision.

_ Use only one smart device when configuring the basicDIM Wireless!

Short overview



Smart

The Tridonic 4remote BT App devices are smart on their own. All the intelligence is replicated in each node, leaving no single point of failure. The system itself is self-healing and in constant synchronization. In this kind of fully distributed and symmetric architecture, any unit can go offline and catch up from others when they return back online.

Connected

The Tridonic 4remote BT App devices are connected when needed. An Internet connection is not necessary. The communication between the user interface and the network of luminaires can be done without any additional gateways.

User friendly

The system is intuitive. You do not need any new wiring, switches, devices or networks. Plug in the lighting fixture and pair it with your phone or tablet. No other configurations by a professional technician are needed.

Application

The solution is made both for the consumer market as well as for the professional market. The user interface is made in a way that anyone, regardless of technical proficiency, can use the system.

TRIDONIC uses the 4remote BT App for the control of basicDIM Wireless devices. The latest app version can be downloaded from

- _ Apple AppStore: goo.gl/mxvVng -or-
- _ Google Play Store: goo.gl/Gmhb1N

Using the App

Installation

Download the latest app version from

- _ Apple AppStore: goo.gl/mxvVng -or-
- _ Google Play Store: goo.gl/Gmhb1N

Alternative:

_ Scan the QR Code on your Device





Using the App

Basic gestures

The network and its settings can be controlled with the following basic gestures:

Tap on the luminaire illustration to turn the luminaire off or on.

Tap on the luminaire illustration and move left or right to adjust the light level of the luminaire.

1 NOTICE

The Tridonic 4remote BT App will remember the last light level. When you switch the light off and on again, it will return to the last light level.

Tap on the luminaire illustration and move up or down to adjust the colour temperature of the luminaire.

Tap and hold on top of the luminaire illustration to change the colour.

I NOTICE

It is also possible to save your favourite colours to the palette.

- _ Set the colour.
- _ Tap and hold on top of the palette circle to save it.

The saved colours are device specific and will not be shared with other devices in the network. Once you have saved different colours to the palette, it is not possible to reset it.

If you have a luminaire that supports more than one channel: Tap and Hold on top of the luminaire illustration to adjust the different channels.





Using the App

Menu band

The main menu of the Tridonic 4remote BT App is located at the bottom of the page and contains the following four tabs.

Further information about the tabs can be found at 'Luminaire' Tab, p. 14, 'Gallery' Tab, p. 25, 'Scene' Tab, p. 27, 'More' Tab, p. 37.







Main menu

Main menu

_ 'My network':

'My Networks' displays all the networks that you have created or that you can connect to or have already connected to.

'My Networks' also gives you the option to create a new network or to log in to a hidden network.

_ 'Nearby devices':

'Nearby devices' displays all nearby Bluetooth devices that can be controlled or configured using the Tridonic 4remote BT App. By clicking on a device, it is possible to couple or decouple the device with a network. It is also possible to ignore devices, update the firmware or change the profile of the device.

_ 'Show demo':

With the 'Show demo' option, it is possible to demonstrate the functionality of the Tridonic 4remote BT App without the need for a nearby network or nearby devices.

_ 'App settings':

In the 'App settings' you can set Basic settings in the Tridonic 4remote BT App. Under the menu item 'Design' you can change the appearance of the Tridonic 4remote BT-App.

You can hide non-paired devices and the help button, or enable the site feature.

It is also possible to contact the Tridonic support or to reset the Tridonic 4remote BT App to factory settings

'Show Help':

Clicking on the question mark displays the help for the individual menu items.

i NOTICE

Network settings will not be reset if the Tridonic 4remote BT App is reset to factory settings via the 'App Settings'.



Commissioning

Commissioning

For commissioning, the devices must be added to a network. Proceed as follows:

- _ Turn on your basicDIM Wireless luminaires.
- _ Open the Tridonic 4remote BT App.
- → The Tridonic 4remote BT App automatically detects all luminaires that are connected to basicDIM Wireless and switched on.
 The devices can be added all at once or individually to an existing network or to a new network:
- _ Tap on 'Take all luminaires into use' -or-
- _ Tap on 'Add individually to ...'

The range of the wireless signal is depends on the environment, e.g. luminaire, construction of the building, furniture or humans and needs to be tested and approved in the installation.

_ To ensure a good radio connection, make sure that the basicDIM Wireless is not completely covered with metal!

Take all luminaires into use

By clicking on "Take all luminaires into use", the Tridonic 4remote BT App offers the option of putting all luminaires into operation at once. You have the option of adding the luminaires to an existing network or creating a new network.

The luminaires that were put into operation are displayed in the 'Luminaires' tab with picture, name and the current intensity.

Luminaires cannot be in more than one network at a time. If a luminaire is part of a network, it is 'paired' and can not be added to another network unless it is 'unpaired', that is, removed from the network. Further information can be found at Unpairing devices, p. 40.

The automatically created network is by default a 'Not shared' network. This means that the network is only stored in the device that created the network and is not 'shared' with other devices. If you want to share the network, you must share it when it is created or change the sharing settings later. For more information, see Sharing settings, p. 49.

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S?	basicDIM Wireless Tridonic GmbH & Co KG	Unpaired 23.0

Commissioning

Add individually to...

By clicking on "Add individually to..." you can individually add luminaires to an existing or a new network. After selecting the desired network, you have the possibility to adjust the settings of the luminaire to make the commissioning easier.

You can change the name and profile of the luminaire and add it directly to a group in the network. It is possible to create a new group or to assign the luminaire to an existing group.

By clicking on 'Add to ... ' the luminaire will be added to the network. It is also possible to skip the device or directly select another luminaire to be commissioned.

This way, all available luminaires can be easily identified and coupled to the desired network.



Commissioning

Create a new network

When creating a network, there are several options for customizing the network:

- _ Change the name of the network
- _ Change the icon displayed in the network overview
- _ The 'Nearby luminaires' button can be shown or hidden
- _ The 'Time zone' and 'Location' of the network can be set (the two values are used for the timer and for the sunrise and sunset times).

Mode:

The mode button can be used to set the mode of the network. The following modes are available:

- Balanced: Works for most standard networks. This mode is mandatory if "Dolphin" devices are used in the network.
- Better performance: Best suited for networks with many devices in a small area.

I NOTICE

Chosing a mode is only available when a new network is created.

Frequencies:

You can set the frequencies on which the devices communicate to avoid problems with other wireless solutions.

This option is only available when a new network is created. The chosen frequencies should not be too close to each other.

Visitors:

When you create a network, you have the option to share it with others users. For more information about the options, see Sharing settings, p. 49.

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'Luminaire' Tab

In the 'Luminaire' tab, all luminaires in the network are displayed and can be controlled and configured.

With the previously presented gestures, it is possible to set the dimming level, colour temperature and colour value. The possible configuration options are described at Configuration of luminaires, p. 15.

All luminaires:

With the 'All luminaires' button, you can easily control all luminaires at the same time. The setting options depend on the luminaires in the network.

Nearby luminaires:

With the help of the 'Nearby luminaires' button, you can control the luminaires in the immediate range of the Bluetooth signal.



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'Luminaire' Tab

Configuration of luminaires

Open a luminaire for editing:

- _ Double tap a luminaire illustration -or-
- _ Tap on 'Edit' and select the luminaire illustration you want to edit.

Be careful not to touch the 'x' symbol when you tap the luminaire illustration as this unpairs the luminaire.

In order to prevent this, a message "Unpair and remove this luminaire from the network?" appears and must be confirmed.

 \rightarrow A window will open.

I NOTICE

The editing window can be scrolled up or down. Scroll if one of the menu items is not visible on the screen.



State

Change luminaire state:

- Tap on 'Change luminaire state'.
 → Sliders for 'dimmer', 'colour temperature', 'colour', 'colour saturation' will appear (which options are available depends on driver configuration).
- _ Move the sliders left or right to adjust the values.
- _ If you want to change the colour with the colour field, double tap the colour field.

Modes

Add different modes to the luminaire:

Modes can be different dimming levels, colours or colour temperatures.

- _ Tap and hold on top of the mode text ('Standard', 'Modus 1', 'Modus 2', 'Modus 3').
 - \rightarrow The 'Edit' option will appear.

Information about how to control modes with wall switches or push buttons can be found at 'Smart Switching' feature, p. 17.

'Smart Switching' feature

With the Smart Switching feature it is possible to use ordinary wall switches as dimmers or control scenes with them.

The Smart Switching feature for the luminaire's power switch can be configured in the Tridonic 4remote BT App. It is possible to assign different Smart Switching modes to each luminaire that is enabled for the Tridonic 4remote BT App.

For example you can use Smart Switching to switch on several luminaires when you come home or switch the lighting to be suitable for a dinner party or watching a movie.

Assign a Smart Switching mode to a luminaire:

- _ Go to 'Luminaire' tab.
- Double tap the luminaire control you want to assign a Smart Switching mode to.
- _ Under 'Smart Switching' tap on the current mode ('not in use' by default) → The Smart Switching selection opens

There are five different Smart Switching modes:

- 'Not in use'
- _ 'Dim and save' controls one luminaire
- _ 'Cycle through modes' controls one luminaire
- _ 'Control scenes' controls one or multiple luminaires
- _ 'Active / Standby' controls one or multiple luminaires

'Not in use' mode

Sometimes it is necessary that the power switch doesn't do anything when used. The 'Not in use' option will disable the 'Smart Switching' feature.

'Cycle through' mode

If you have set different modes for the luminaire with the Tridonic 4remote BT App, you can assign the power switch to control them. Modes can be different dimming levels, colours or colour temperatures.

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Set a mode:

- _ To set a mode, adjust the light level, colour temperature and colour of the luminaire to the desired level and long press the mode you want to save the settings to.
 - \rightarrow A popup will open.
- _ Select 'Save'.
- _ Repeat the steps to set more modes.
- _ After you have set all the desired modes, tap the Smart Switching mode and select 'Cycle through modes' from the list.

Cycle through the modes:

 Flicking the power switch quickly OFF and ON will cycle between the different modes and off: 'Default', 'Mode1', 'Mode2', 'Mode3', 'Off'.

Create a standard step dimmer by storing Mode 1 = 75 %, Mode 2 = 50 % and Mode 3 = 25 %.

'Dim and save' mode

As a default luminaires are set to use the Dim and Save Smart Switching mode. This means you can use the luminaires power switch for dimming and setting the default light level.

Start the dimming process:

- To start the dimming process, quickly switch OFF and ON the light fixture from the wall or power switch.
- \rightarrow After flicking the switch the dimming process will start.
- Once the light has reached the desired brightness level flick the power or wall switch quickly again, OFF and ON.
 - \rightarrow The current level is saved as new default brightness for the light fixture.

It is always possible to change the default brightness by starting the dimming process over again.



Set the default brightness level back to maximum:

- _ Flick the power or wall switch OFF and ON once.
 - \rightarrow The dimming process will start again.
 - \rightarrow When the brightness level reaches the maximum value it is set as a new default for the light fixture.

'Control scenes' mode

If you have created different scenes with the Tridonic 4remote BT App, you can control them from a single power switch.

Select which scene you want to control and turning on one luminaire will also turn on all other luminaires in that scene.

Turning off the luminaire will turn off also all the luminaires that are currently controlled by that scene.

Change control scenes mode:

- _ Tap on the desired scene to select it.
- _ Confirm changes with 'Done'.

'Cycle scenes' mode

If you have created different scenes with the Tridonic 4remote BT App, you can cycle through them and off with one power switch. Select the scenes you would like to cycle through and flick the power switch off and on to cycle the selected scenes.

- _ Select the 'Cycle Scenes' option from 'Smart Switching'.
- Tap on the desired scene or scenes to select them. It is also possible to change the order of the scenes by dragging and dropping.
- _ Confirm changes with 'Done'.

Example selected scenes Movie and Dinner:

- $_$ Flick off-on \rightarrow Movie scene activates
- _ Flick off-on \rightarrow Movie scene goes off and Dinner scene activates
- _ Flick off-on \rightarrow Dinner scene goes off

'Active / standby' mode

With the 'Active / Standby' mode you can control two scenes that have the same luminaires in them.

Create two scenes, one active scene that should turn on when the controlling luminaire is turned on and one Standby scene that is turned on when the controlling luminaire is turned off. This mode can be used for example with motion sensors.

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When motion is detected, the luminaires will go to full light level and when there is no motion the luminaires are dimmed to 30 %.



Assigned daylight sensor

With this, it is possible to assign a daylight sensor to a luminaire. Measurements of this sensor are used when the 'use dedicated sensor' option is activated under the daylight settings of a scene.

Daylight gain

The daylight gain indicates the recorded amount of daylight in the area covered by the luminaire. This value can be used to calibrate the feedback of scenes with daylight settings.

Startup state for power on

With 'startup state for power on' you can set the luminaire to either go to the light level set at 'default state' or to the 'Last state' of the luminaire. If 'Last state' was chosen, the luminaire will go to the same dim level and colour as it had when it was switched off.

You can also determine a minimum level for the 'Last state' setting. Then the luminaire will always go to at least that minimum level when turned on.

Manual control

I NOTICE

This menu is only displayed if the control hierarchy has been activated in the control options.

Here you can select what happens when the manual control timeout for this luminaire has been reached. If a timeout value other than 0 is set, the general timeout intervals for weekday / night are overridden.

Information

If you want to rename a luminaire or change the symbol of the luminaire, you can do this by tapping on the desired menu item.

In addition, the manufacturer and the model name of the device are displayed

Unpairing a luminaire

There are two places where you can unpair a luminaire from a network.

Method 1:

_ Tap on 'Unpair luminaire' to remove the luminaire from the network.

Method 2:

_ Go to 'Luminaire' tab and tap 'Edit'.

Now you can unpair a ILuminaire from the delete icon on the corner of the 'Luminaire' control.

Method 3:

- _ Go to the 'Nearby devices' screen found under the 'More' tab.
- Tap on the luminaire you want to unpair and select 'Unpair Luminaire'.
 → This will unpair the luminaire if you have modification rights to the network.

If you don't have the modification rights to the network that the luminaire is paired to, you need to have access to the luminaire's power switch for the unpairing.

- _ Tap on the 'Unpair Luminaire' and the app will open an 'Unpair' screen.
- _ Tap on the 'Start' button and the time bar appears.
- _ Now quickly flick the power switch off and back on to unpair the luminaire. → If unpairing succeeded there is a message that the luminaire has been unpaired.

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Groups

Creating a group

You can create groups and add luminaires to that group. With groups you can control all the luminaires in the group together.

There are two ways to create a group.

Method 1:

Tap on the 'Luminaire' tab.

- _ Tap on the 'Group' icon at the top of the screen.
- Select the luminaire illustrations for the group by tapping them.
 → The representation of the 'Group' icon changes. An additional 'x' symbol appears.
- _ Create the group by tapping the 'Folder' icon on top.

The '+' or '-' icons can be used to select or deselect all luminaires.

_ Tap 'Done' to save the changes.

Method 2:

- Tap 'Edit' at the top of the screen.
 → The representation of the 'Group' icon changes. An additional 'x' symbol appears.
- _ Drag the luminaire illustration on top of each other to create a group.

Editing a group

If you want to edit a group, tap the group while in 'Edit' mode.

Add more luminaires to a group:

_ Tap 'Edit' and drag and drop the luminaire illustrations on top of the group.

Remove luminaires from a group:

_ Tap 'Edit' and drag and drop luminaire illustrations outside the group area.



'Gallery' Tab

Rename a group:

- _ Tap 'Edit' and double tap the group name. \rightarrow The group name becomes editable.
- _ Enter a new group name.
- _ Tap the 'Return' key to complete the process.

Remove a group:

Tap 'Edit' or 'Group' and then tap on the 'x' sign in the corner of the 'Group' icon.

Save changes:

_ Tap 'Done' and 'Close' to go back to the 'Luminaire' tab .

Using a group

With groups all the luminaires in the group can be controlled together. Use the Basic Gestures, p. 8 to control the luminaires in the group.

If you want to control luminaires separately, even if they are part of a group, double tap the group. A screen will open where it is possible to control the luminaires separately.



'Gallery' Tab

Controlling luminaires

The Gallery is the most intuitive way of controlling your luminaires. Take a picture of the room where your luminaires are and place lamp controls over them in the picture.

Add a picture to the gallery:

- _ Tap on the 'Gallery' tab.
- Choose whether you want to take a photo or use existing picture from your device's gallery.
 - \rightarrow After you have taken a photo or selected a picture, it is added to the gallery.

Add lamp controls to the picture:

- Tap on the '+' sign to open the selection screen with all your luminaires.
- _ Select a luminaire that is in the picture and confirm your selection with 'Done' → A lamp control circle will appear in the centre of the picture.
- Drag the control circle on top of the luminaire. (You can resize the circle by pinching.)
- If you have more than one luminaire in the picture tap on the '+' sign to add other controls.
- Tap on 'Done' when you have added controls over all the luminaires in the picture.
- If you would like to add more pictures, return to the 'Gallery' and tap on the '+' sign.
- If you don't see a '+' sign, tap on 'Edit'.
 → The '+' sign will appear.

Take a panorama picture of your room to capture more luminaires in one photo.

Controlling luminaires in Gallery

After adding at least one photo, you can open it from the 'Gallery' and control the luminaires in it from the picture.

- _ Tap on a picture to open it in full screen.
- _ Use Basic Gestures, p. 8 to control the luminaires in the picture.
- \rightarrow If you open the picture in portrait orientation, related scenes are shown next





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'Gallery' Tab

to it.

 \rightarrow The scene icon is shown if even one luminaire in the picture is part of the scene.

i NOTICE

Pan or hold anywhere outside the control circles on the picture to dim or change the colour for all luminaires together.

Arranging the pictures

You can arrange the order and change the size of pictures in the 'Gallery'.

- _ Tap on 'Edit'.
- _ To arrange pictures, drag and drop them.
- _ To resize pictures, move the orange bar up or down between the pictures (only in iOS app).
- _ Tap on 'Done' to confirm the changes.



Creating scenes

In the 'Scenes' tab you can create different lighting situations for different occasions. It is possible to control multiple luminaires with one tap to create perfect ambience for different occasions and needs. One luminaire can be used in several scenes.

Create the first scene:

- _ Tap on 'Add a scene' and enter a name for the scene.
- _ Select the 'Create scene' option and make your changes.
- _ Tap on 'Done' to get back to the 'Scenes' tab.

Create more scenes:

_ Tap on the '+' sign.

Copy scenes:

_ Tap and hold on top of a scene to copy it.

Add or remove luminaires to/from a scene:

- _ Tap on the '+' sign to add luminaires to the scene.
- _ Tap on the '-' sign to remove luminaires from the scene.
- If you want to add luminaires that are in a group, double tap the group to open the selection screen.
- _ If you want to add all luminaires in a group to the scene, tap on the '+' sign.
- If you want to remove all the luminaires in the group from the scene, tap on the '-' sign on the left bottom corner.

Adjust luminaires in a scene:

You can adjust luminaires separately or if you want to have the same dim level or colour for all luminaires in the scene, you can use the 'Lamps in scene' control.

To adjust all the luminaires in the group, do the following:

- _ iOS app: Use Basic Gestures, p. 8 anywhere on the group area.
- _ Android app: Close the group with 'Close' and adjust all lamps in the group from the group control icon.





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Change a scene:

- _ Tap on the 'More' tab to change the name, icon and colour for the scene control.
 - If you want to select a colour from the colour wheel, tap the colour line.
- _ Use the 'hidden' option if you don't want the scene to be visible in the 'Scenes' tab.

Select also the luminaires which should be off during the scene and adjust their brightness level to 0 %.

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Circadian

A circadian rhythm can be realized with the help of circadian profiles.

Luminaires included in the scene will continuosly adjust the colour temperature to match ther response graph.

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Basic concept



Sensors

Standalone sensors appear under More > Sensors.

Settings for integrated sensors appear under luminaire details.

Sensor settings

Sensors produce internally a new lux reading every second and use exponential moving average to dilute the illuminance changes into longer time period.

'Sensitivity' defines the factor on how much the new reading will affect the average. A value of 100 % means that the sensor is always reporting the latest observed illuminance.

When the average illuminance level changes, the 'tolerance' is used to determine if the change is substantial enough to report to the network.

There is also a logic that reports clearly falling or rising values more rapidly, compared to values that just fluctuate back and forth.

Typically, the illuminance detected by the sensor is less than the actual value in the reference spot. 'Calibration' is used to calculate the offset for the sensor's readings.

This requires a standalone lux meter. It is recommended to let the lighting condition stabilise for a longer duration of time before making the calibration.

Scenes

When a scene has the daylight control enabled, it is indicated with the daylight icon and an optional target lux level on the scene icon.

Daylight settings are accessed from the 'Daylight' button at the bottom scene editing screen.

Any regular scene can have the daylight control enabled.

Control hierarchy does not need to be in use but if it is, the luminaire will still be adhering to the highest priority control. In the hierarchy the luminaire may be controlled by multiple daylight enabled scenes.

Daylight modes

- Basic (ON/OFF): Simplest control, luminaires will switch ON or OFF based on two configurable threshold levels. Sensors may or may not be affected by the luminaires and the mode only operates when it is the highest priority item on the control hierarchy.
- Closed loop: Luminaires will gradually fade up and down based on sensor feedback, trying to reach the desired illuminance level. Sensors must be affected by luminaires and this mode can only operate when it is the highest priority item on the control hierarchy.
- Open loop: Luminaires will gradually fade up and down based on sensor feedback and response graph. Sensors must not be affected by the luminaires in the network and this mode can operate on the control hierarchy even if it is not the highest priority item.

Sensor selection

For all daylight control modes the luminaire affected by the scene will select the sensors in the following priority order:

- 1. If 'Use dedicated sensors' is enabled
 - a. If the luminaire has an integrated sensor, it will be used.
 - b. If the luminaire has an dedicated sensor selected, it will be used.
- 2. Otherwise, sensors selected in 'Controlling sensors' **are used so** that luminaires calculate the average reading.

These rules enable a wide variety of different setups.

Dimming response

In all daylight modes, the dimming response range is determined by two settings in the scene.

- 1. If 'Use full dim range' is enabled, the luminaires are allowed to dim all the way to 100% dim level.
- 2. If 'Use full dim range' is disabled, the luminaires will only dim up to the dim level stored to the scene.

Additionally, the 'minimum dim level' describes the level below which the luminaire will not dim.

I NOTICE

If 'Use full dim range' is enabled, the minimum dim level is relative to the level stored to the scene. In 'Open loop' mode the minimum dim level is not used since the dim level is determined by the response graph.

Basic (ON/OFF) mode

When Basic mode scene is activated, it will select the initial dim level based on the following logic:

If the lux value is less than the value of 'Switch ON at', the luminaire will start with the

'maximum dim level', otherwise with the 'minimum dim level'.

Later on, the affected luminaires will check the current sensor value once per second and make one of the following three decisions:

- 1. If the luminaire is currently 'ON' and the lux value is greater than 'Switch OFF at', it will start to fade to the 'minimum dim level'.
- 2. If the luminaire is currently 'OFF' and the lux value is less than 'Switch ON at', it will start to fade to the 'maximum dim level'.
- 3. Otherwise, the luminaire does nothing.

Whenever the luminaire fades between the 'ON' and 'OFF' state, it will use the duration defined in the 'Fade time' setting.

Depending on the sensor setup, there should be enough difference between 'Switch On at' and 'Switch OFF at' to account for the gained illuminance from the luminaires.

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Mode of operation		Basic (ON/OFF) >
Switches the scene ON	or OFF based	on the sensor reading.
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Switch ON at		500 lux
••)	+
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If the lux value drops be luminaires will turn ON, reaches the switch OFF	low the switc and remain so threshold.	h ON threshold the o until illuminance
Fade time		10 >
Duration of the fade effe and OFF.	ect when a sc	ene dims between ON

Closed loop mode

'Desired illuminance' defines a target lux which the luminaires attempt to reach by gradually fading up and down.

'Tolerance' defines how much the current lux value is allowed to deviate from the desired target. This forms a desired illuminance window.

When 'Closed loop' scene is activated, it will start the luminaires in a state stored to the scene, similar to regular scenes.

After activation luminaires check the current lux value every 'Change rate' seconds and make one of the following actions:

- 1. If the current illuminance is below the desired illuminance window, it will dim the luminaire up 2/255 %.
- 2. If the current illuminance is above the desired illuminance window, it will dim the luminaire down 1/255 %.
- 3. Otherwise, the luminaire does nothing.

Whenever the luminaire fades up or down, it also uses the 'change rate' as 'fade time'.

It takes 254 * 'Change rate' seconds to dim from 100 % to 0 % and 127 * 'Change rage' seconds to dim from 0 % to 100 %.

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Luminaires attempt to fading in/out automatic	reach this level cally.	of illuminance by
Tolerance		15.0 %
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Allowed deviation from	the desired illu	minance level.

Open loop mode

An 'Open loop' mode uses a deterministic response graph in order to select the dim level for the luminaire.

It can operate at all times, even when it is not the highest priority (visible) element on the control hierarchy.

When the scene activates, it looks at the current sensor reading and selects the dim level from the response graph.

After activation, the luminaire will every 'Change rate' seconds check the current lux level and lookup the 'target dim level' from the graph, and make one of the following decisions:

- 1. If the 'current dim level' is less than the 'target dim level', it dims up 2/255 %.
- If the 'current dim level' is greater than the 'target dim level', it dims down 1/255 %.
- 3. Otherwise, the luminaire does nothing.

Whenever the luminaire fades up or down, it also uses the 'change rate' as 'fade time'.

Open loop graph

The response graph has a 'lux level' (scaled to selected sensors) on the horizontal axis and a desired 'dim level' on the vertical axis.

'Switch form' changes between linear and stepped graphs.

When the stepped graph is in use, there is an additional setting 'Tolerance' which defines how much the lux value is required to overshoot/undershoot before it is moving between dim levels.

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Creating animations

You need to have at least one scene created before you can create an animation.

Create animations:

In the 'Scenes' tab, it is also possible to create animations. Animations or dynamic scenes are special scene types that fade from scene to scene. They can be used like normal scenes and it is also possible to set animations to repeat.

- _ Tap on 'Edit'.
- Tap on the '+' sign.
- _ Tap on the 'Add an animation' option.

Add animation steps:

Animation steps are scenes and wait times. You can add as many steps as you would like.

Example animation:

- _ Add Scene Red, fade time 10 sec
- _ Add wait 3 min
- _ Add Scene Blue, fade time 10 sec
- _ Add wait 5 min
- _ Add Scene All Off, fade time 10 sec

This animation setting will fade in to scene Red in 10 seconds and Red will be active for 3 minutes. Then the scene Red will fade into scene Blue in 10 seconds and Blue will be active for

5 minutes and fade out in 10 seconds.

Change the animation:

Under General settings you can set the animation to repeat. You can also change the name, colour and icon. Animation can also be hidden from the Scenes tab view if needed.

When you are done editing the animation, tap on 'Done'.

1 NOTICE

You can also use timers to control animations. This way an animation can be turned on and off based on time.

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Add time based scenes

Time-based scenes are defined by three settings:

Time

Determines when the time-based scene starts.

- _ Day: Select one or more days of the week by clicking on the corresponding days.
- _ Time: Select the time by entering the value or by selecting the options 'Sunrise' and 'Sunset'.

Fade-Time

Defines the value with which the scene is faded in and out.

Add a scene

Defines which scenes are started. It is possible to select one or more scenes.

In the 'More' tab you will find further settings regarding the app and your network:

Here you will find the settings for:

- _ Timers
- _ Switches and Sensors
- _ Network configuration
- _ Nearby devices
- _ Change network
- _ App settings
- _ Help

Timer

With the Timer function you can create a list of timers that will turn scenes or animations on and off based on time. You can create a wake up light or set the living room lights to automatically turn on in the evening.

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→	Switches OFF On all days 21:00			>
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ŧ	Add a scene			>
Scene level o	s to activate / deac r swipe left to remo	tivate - tap to ove.	adjust relative din	1
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Select	s the fade time use	d when switch	ning ON and OFF	
Ä	Override presen	ce	C	
Activa	tes scenes at highe	er priority than	presence sensors	
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Create a Timer:

- _ Go to 'More' tab and select 'Timer'.
- Create a new timer by tapping the 'Edit' on the left top corner and then the '+' sign on the top right corner.
- _ Select the scene or animation you want to control with this timer.
- _ Tap the 'Switches ON' button and set the time when the scene should turn on.

You can use weekdays or a specific date. For time you can set a time of day or use local sunrise and sunset to turn on the scene. To use 'sunrise/sunset' the network location needs to be set. See Network settings, p. 44 for detailed instructions.

_ Tap on the 'Switches OFF' and select the time when the scene should turn off.

You can use all the same criteria as previously. You can also tap the After button and set the time how long the scene will stay on. It is also possible to set the Fade time for the scene. This means that when the scene is turned on the lights will slowly reach the light level in the scene. With faders you can change from one scene to other very smoothly. The fader will start when the timer is turned on. This means that if you set the scene to come on at 14:05 and you set a fader for 30 seconds then the scene is fully on at 14:05:30. The scene also fades to off with the same time, so if the scene goes off at 15:00 the light will be totally of at 15:00:30.

_ Tap on 'Done' to confirm the changes.

Enable/Disable a Timer:

_ Enable/disable a timer with the button 'Enabled' on top of the 'Timer' screen.

Copy a Timer:

_ Open a Timer and select 'Save as copy' from the bottom of the 'Timer' screen ('Save as copy' is only displayed if a Timer has already been created).

The units will keep track of time when even one unit in the network is powered on all the time. In a situation where all units have been switched off or in case of a power loss, the time needs to be set to the units again. In this situation please open the network in the Tridonic 4remote BT App with modification rights to set the time again.

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Switches and basicDIM Wireless User Interface

Configuration

With Switches it is possible to control luminaires easily and wirelessly. Switches and push buttons which are enabled for the Tridonic 4remote BT App appear under 'Switches' after pairing them to the network. In this screen it is possible to configure the switch preset buttons.

The basicDIM Wireless User Interface brings flexibility to interior design. The switch can be kept wherever the user needs it and it gives direct access to all the important lighting control functionalities.

 Press any button on the basicDIM Wireless User Interface and the Tridonic 4remote BT App will automatically detect it.

If you have an existing network, the Tridonic 4remote BT App will automatically suggest to add basicDIM Wireless User Interface to that network.

- Tap on the 'Add to My Network' button'. If there is no network, tap on the 'Take into use' button.
- _ After you have added the basicDIM Wireless User Interface to the network go to 'More' tab and tap on the Switches to configure the preset buttons.
- _ Tap on the basicDIM Wireless User Interface
- \rightarrow The configuration page opens.

You can assign a scene, a group, a lamp or all lamps to each of the buttons. You can also rename the basicDIM Wireless User Interface to make identification more easy. Scroll down to see the Name field.

- 'Exclusive scenes' selection will determine if other scenes controlled by other preset buttons will turn off when pressing a preset button.
- _ Tap 'Done' to save the settings.

After configuring the buttons, they will control the assigned scene, lamp or group. The first press will turn on the scene, lamp or group and the second press will turn it off. From the '+' and '-' signs you can dim up or down the controlled scene, lamp or group. If you have a tunable white fixture you can control the colour temperature from the up and down buttons.



Unpairing devices

When a luminaire is part of a network, it is in 'paired' state and cannot be added to any other network before 'unpairing' i.e. removing it from the network.

If you need to remove the basicDIM Wireless User Interface from the network press two preset buttons at the same time and then the basicDIM Wireless User Interface can be unpaired from the Switches screen by swiping the row to the left (in iOS) or tap and hold (in Android)

If you don't see the basicDIM Wireless User Interface in the Switches screen you can unpair it from the 'Nearby Devices' screen.

- _ Go to the 'Nearby devices' screen.
- _ Press two buttons in the basicDIM Wireless User Interface at the same time.
- Tap on the basicDIM Wireless User Interface when it appears in the Nearby Devices list.
- _ Select Unpair Switch.
- _ In the unpair screen tap on 'Start'.
- Press one button on the basicDIM Wireless User Interface to unpair the switch.

Make sure that the basicDIM Wireless User Interface has the amber LEDs on when you do the unpairing. You need to perform the steps quite fast before basicDIM Wireless User Interface goes off (no LEDs on).

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Sensor

With 'Sensor' the sensors of the network can be configured. The following options are available:

Presence sensor:

The Presence sensor controls what happens when presence or absence is detected. Four modes are available:

- _ Not in use: The presence sensor is disabled and has no special effect.
- Presence: Activates a scene after detecting presence. When the presence is no longer detected and the linger time has passed, the scene will be faded out.
- Presence/Absence: Activates a scene after detecting presence. When the presence is no longer detected and the linger time has passed, the absence scene will be faded in.
- Absence: Not a direct control; will time out the manual control on affected luminaires after the presence is no longer detected and the linger time has passed.

Back PIR PRESENCE SENSOR Image: Sensor measures then presence or absence is detected. Image: Sensor measures the light level and daylight-linked sensor measures the brightness of the sensor absence is sensor and sensor the brightness of the sensor and sensor and sensor the brightness of the sensor is disabled and has no		× ·	0.07		_
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Daylight sensor:

The daylight sensor measures the light level. Daylight-linked scenes can be configured to use the information coming from the sensors to automatically adjust the brightness of the associated luminiares. Two modes are available:

- **Sensitivity:** A higher sensitivity value causes the sensor to have a faster reaction time to changes in illumination.
- **Tolerance:** A higher tolerance value causes the sensor to require bigger changes in illumination before reacting.

Calibration:

'Calibration' allows you to enter your own lux value (measured with other instruments).



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Network configuration

Network configuration

Here you will find further settings regarding the behaviour of your network:

Here you will find the settings for:

- _ Network settings
- _ Control options
- _ Sharing settings
- _ Add devices
- _ Gateway
- _ Configure all luminaires
- _ Device Storage used



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Network settings

Network settings

When first taking all luminaires into use, the Tridonic 4remote BT App will automatically create a network.

To change the network settings, do the following:

- _ Go to 'More' > 'Network configuration' > 'Network settings'
- _ In Setup screen select 'Network Settings'.
- In 'Network Settings' you can change the name, set the Time zone and the location for the network.

The location needs to be set if you would like to create timers using local sunrise or sunset as trigger. You can also select if you would like the nearby lamps icon to be visible in the app. This selection will hide the 'Nearby Lamps' icon for all users in this network. The network mode can only be changed for networks that do not have any luminaires yet. The default mode for the network is 'Balanced' and that should be used unless there is very large amount of luminaires close to each other. If there is an installation with large amounts of luminaires then the 'Better performance' mode can be used. See Managing networks, p. 55 for instructions on how to create a new network.

_ Once you are done with changing the settings, tap on 'Save' to confirm them.

It is possible to have several networks in one mobile device. For example one for home and other for work. All the created and visited networks will be listed in Networks screen.

The frequency and mode cannot be changed later on an existing network.

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*	Frequencies		2417, 2473 Mhz		
Selec can b recon other.	Prevenues 2417,2475 WIIZ Selects the radio frequencies for the network; this choice and e only made when creating the network; it is not recommended to select channels that are very close to each other.				

Resetting the network password

If you don't remember the password for your network, it can be reset if you have inserted a working email address. When the app opens and a pop-up is asking for a password, tap on the 'Reset password' option and a reset link will be sent to the email address specified in 'Sharing' settings. The link will be active for 15 minutes.

Control options

Remember last state:

If this option is activated, luminaires that were switched on manually will return to the last dimming value.

Activate timers on startup:

This option makes it possible that luminaires adopt the expected timer status after switching on.

Control hierarchy

Control hierarchy allows co-operation with manual lighting control (app, switches and push buttons) and automated controls (presence sensors and timers). Each control action has a specific priority and if multiple controls are simultaneously controlling the luminaire it will adhering to most highest priority.

When the highest priority control is removed the luminaires will fade into next highest priority. If hierarchy is empty the luminaire will turn OFF.

Priority levels:

- _ Manual control (App, switches, push buttons)
- _ Date timers (with sensor override)
- _ Weekday timers (with sensor override)
- Presence sensors
- _ Date timers
- _ Weekday timers

Manual control

Manual lighting control has the highest priority and will always override the automated control. It can be set to timeout or stay on luminaires indefinitely. There is a configurable timeouts for manual control assigned for day and night periods of each weekday.

When the timeout is reached the manual control will be removed and luminaire fades out to next highest priority control. Setting timeout value to zero will disable timeout, but in this case manual control is always hiding presence sensors and timers.

When luminaires have a icon it indicates that it is under automated lighting control

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•	•		Ð
	Fade time for toggling ON or OFF	1.0 s	
			Ð
	Fade time for switch dimming	5.0 s	•
•			
a	Romember last state		
When I		w will rotu	rata
the last	diminantes are manually toggled ON the dim level.	y wiii retu	in to
•	Activate timers on startup		
expected and a second s	enabled after start up the luminaire will ed timer state.	activate t	he
*	Use control hierarchy	-	
0	More information		>
When e on diffe out so	enabled, manual control, presence and erent priority levels. Manual control car that automatic lighting controls continu	timers op n be set to ue.	erate time
	Manual control behaviour Always timeout		>
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0	Manual control lade out		10 2
When r lighting	nanual controls time out, the underlyin control state is restored with a specifi	g automa ied fade ti	ed me.
MANUA	AL CONTROL TIMEOUTS		
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Wedne	esday (7 - 18)	2:00/3	30 >
Thurse	day (7 - 18)	2:00/3	30 >
Friday	(7 - 18)	2:00/3	30 >
Saturo	lay (9 - 16)	2:00/3	30 >
Sunda	y (9 - 16)	2:00/3	30 >
Each w and nig	eekday has its own manual control time ht periods.	eouts for	day

(presence sensors or timers). Tapping the a button will remove the manual control from all luminaires or opened group.

Presence sensors

Presence sensors operate on second highest priority and use scenes to control the luminaires. Up to ten sensors can simultaneously control individual luminaire, and when multiple sensors are affecting luminaire it will be following the presence scene with highest dim level.

Each presence sensor has a setting for linger time which dictates how long the scenes will stay on after presence is no longer detected. After linger time passes the associated luminaires will be faded over the configured duration.

Presence controls can be attached to smart switch, push button or dedicated presence sensors. Each action can have two scenes; typical use case is to use one scene for actual controlled area and another scene for associated emergency route. Note that if multiple scenes are used there should not be overlap between affected luminaires.

Presence control:

Activates a scene when presence is detected, and disables it when presence is no longer detected.



Presence / absence control:

Activates a scene when presence is detected, and switches to the absence scene when presence is no longer detected. Please note that absence scenes only have an effect on those lights that are affected by presence scenes.



Absence control:

The absence control enables the manual control of luminaires. If presence is no longer detected, any existing manual control will be removed. Scenes are used exclusively to select the affected luminaires.



Timer:

Timers can be divided into two categories:

- _ date-based timers (that is start / end times that are based on a specific date) -and-
- _ non-date-based timers.

Date-based timers have a higher priority than non-date-based timers. This gives them priority over weekday based rotations and so then can be used to set temporary vacation times, for example.

Both timers can be used to override presence sensors. This can be prevent, for example, that sensors on luminaires are activated at a certain time of day.

It is also possible to configure the timers to be automatically activated when the luminaire is turned on. After receiving the network time, the luminaire determines the expected timer status and activates it. Note that there is a short delay after powering up before this happens.

I NOTICE

During the commissioning of the luminaire, the control hierarchies can be reset. To do so, choose:

 $\text{More} \rightarrow \text{Network configuration} \rightarrow \text{Configuration of all luminaires} \rightarrow \text{Resetting the network}$

Behavior with manual control:

Here you can select what happens when the timeout of the manual control has expired. This setting affects all luminaires in the network. However, it is possible to make exceptions for individual luminaires in the luminaire settings.

The following modes are available:

- _ Always timeout
- _ Timout if automation is waiting
- _ Don't timeout

Manual control fade out:

When the manual control is turned off, the basic status of the automatic light control is restored to the specified fade time.

Manual control timeouts:

It is possible to create an individual, manual control timeout for each day of the week:

_ Daytime starts / ends

- _ Daytime / Nighttime timeout
- _ Use the settings throughout the week

Sharing settings

When first taking all luminaires into use, the Tridonic 4remote BT App will automatically create a network. The network that is automatically created is always a 'Not shared' network. This means that the network is only stored in the device that has created it and is not shared with other devices.

If you would like to share the network, you need to change the sharing settings.

- _ Tap on the 'More' tab.
- _ Select 'Network' settings.
- _ Select 'Sharing' settings.
- _ Select 'Sharing' to change the sharing mode.

There are four different options for network sharing:

'Not shared'

Network is stored only in one device and not uploaded to cloud service. Other devices cannot access this network.

_ 'Administrator only'

Network is not automatically visible to any devices but it is possible to log in with admin email and password from networks screen. Everyone who is able to log in, is also able to modify network. Networks screen can be accessed from More -> Change network, or from main screen by tapping My Networks. Administrator email and password need to be always filled in when creating a network to be able to recover lost passwords.

'Password protected'

Network is automatically found by other devices but user needs a password to access and control lights. If user wants to modify the network i.e. add more luminaires, or create scenes, he needs to have the administrator password. This type of network has two access levels visitor and administrator. Visitors cannot make changes but they can control lights. Administrator email and password need to be always filled in when creating a network to be able to recover lost passwords.

_ 'Open'

Network is automatically found by other devices and there is no password for visitor access. If user wants to modify network he needs the administrator password. This type of network also has two access levels visitor and administrator. Administrator email and password need to be always filled in when creating a network to be able to recover lost passwords.

After changing the network sharing mode, the administrator email and password need to be set for the network. A visitor password is needed for password protected network so that other devices can access the network.

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8	Not share The network i	d s stored only in th	nis device 🗸
Ŷ	Administra The network of accessed with password	ator only can only be discov n an administrator	vered and email and
Ţ	Password Anyone can a password. Mo administrator	protected ccess this networ odifications require password	k with a visitor e an
۲	Open Anyone can a Modifications password	ccess this networ require an admini	k. istrator

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i NOTICE

Remember to add also an email address and a password for the network so it can be recovered later if needed.

_ To save the new settings tap on 'Save'.

 \rightarrow If the sharing setting is something else than 'Not Shared' all the changes are uploaded to the Cloud service and network can be accessed from other devices.

With the logout option you can logout the device from a network. This might be necessary if the network needs to be removed from the Networks list. See Managing networks, p. 55 for more information about deleting networks.

Geräte hinzufügen

Tool that adds uncoupled devices one at a time to this network which makes later commissioning easier.

Gateway and remote access feature

With remote access or Gateway it is possible to control luminaires also remotely. Also the network settings can be changed remotely with administrator rights to the network.

To enable remote access, a network needs to have one iOS or Android device working as a gateway and the sharing settings for the network need to be 'Open', 'Password protected' or 'Administrator only'.

- _ To set the gateway device, select 'Gateway' in 'Network' setup' screen. If the Gateway is grey and cannot be selected, make sure the sharing settings is not 'Not shared'.
- Tap on the 'gateway' button to enable gateway on the used device. If you have added an email address for the network, you can also enable notifications to that email if the gateway is disconnected for some reason.

The gateway feature relies on third party devices and connections. Because of this, a continuous flawless operation cannot be guaranteed.

After enabling gateway, make sure that:

- _ The Tridonic 4remote BT App is always open in the gateway device, at least in the background.
- _ The gateway device has a reliable internet connection at all times.
- _ The gateway device has a reliable wireless connection to at least one unit in the network.

_ Disable all automatic updates from gateway device.

- _ The gateway device is always plugged in to a power source.
- _ Disable all power save options from the device that might cause the wireless or internet connection to shut down.

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〈 Back	Gateway			
The gateway functionality makes it possible to access your network remotely via the cloud using the gateway- enabled device.				
Gateway				
Status		On this device		
More informatio	n	>		
Notify on disconnect				
Notify demo if the gateway has been disconnected for a longer period of time.				

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Network settings

Configure all lamps

It is possible to configure all lamps in one network by selecting 'Configure all lamps' under 'Network Setup'.

There are four settings that can be changed for all lamps with one tap.

- 'Disable Smart Switch'
 Disables smart switch option for all lamps.
- _ 'Startup → last state'
 Sets startup state to last state on all lamps.
- $_$ 'Startup \rightarrow default mode' Sets startup state to default mode on all lamps.
- Save current state'
 Sets current state as the default mode for all lamps.

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()	Startup Sets the si luminaires	→ default mo tartup state to defa	de ault mode on all >
佘	Save cu Sets the c all luminai	urrent state urrent state as the res.	default mode for >
4	Reset n Reset cont	etwork trol hierarchy and r	nesh network.

Device storage used

In the 'Setup' screen you can also see the device storage used. When you add more lamps, scenes and timers to network they will consume the available space.

'Nearby devices'

'Nearby devices' screen

In the 'Nearby devices' screen you can see a list of all luminaires that are found nearby.

In the list you can see the name, vendor, firmware version and signal strength of the luminaire. You can also see if the luminaire is in paired or unpaired state. If you have access to the network that the luminaire is paired to, you can also see the network name.

By tapping on a luminaire you can take it into use (add to a network), unpair it (remove from network), ignore or update the firmware of the luminaire.

When you tap on the luminaire, you can see the options that are available. In this screen you can also check if there are any updates available for your luminaires. Tap on the 'Check for updates' button and the Tridonic 4remote BT App will connect to cloud service and look for updates. If there is an update available you can see an arrow on top corner of your luminaire icon.

Latest firmware version can be seen in the bottom of screen and by tapping the row you can see the release notes.

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< Back	Nearby devices	*				
BLUETOOTH	DEVICES					
Y	basicDIM Wireless Tridonic GmbH & Co KG	@Demo 23.0				
T	basicDIM Wireless Tridonic GmbH & Co KG	@Demo 23.0				
ST.	basicDIM Wireless Tridonic GmbH & Co KG	@Demo 23.0				
6	PIR Danlers Limited	@Demo 23.0				
This list contains the Bluetooth devices found nearby. Tap on a device to take it into use, unpair, ignore or update firmware.						
o ^o Lates	st firmware version	23.1 >				
Check for updates						
Checks for updates in firmware and other device details.						
		0				

Change profile:

The basicDIM Wireless makes it possible to change its operating mode in the simplest possible way. This is done by changing the profile. If a device is unpaired, the menu item "Change profile" appears additionally when touching the device.

Here you have the possibility to choose from a wide range of profiles (the selection of the profile should be made depending on the control gear connected to the basicDIM Wireless)

The following profiles are available:

Profilename	Mode
basicDIM Wireless	DALI/BC/Dim
basicDIM Wireless (Push Button)	PushButton
basicDIM Wireless (Presence)	Presence
basicDIM Wireless (0-10V)	0-10V/1ch/Dim
basicDIM Wireless (Tunable White)	DALI/2ch/Dim,TW
basicDIM Wireless (RGB)	DALI/3ch/Dim,RGB
basicDIM Wireless (DT8/Dim,TW)	DALI8/Dim,TW
basicDIM Wireless (DT8/3ch/RGB)	DALI8/3ch/RGB
and many more	



Managing networks

Create new networks and log into networks with administrator email and password:

- Tap on the Login to network button and write the administrator email and password to the fields. You can access a network with administrator email and password even if you are not in the range of the luminaires in that network.
- To create a new network tap on the 'Create new network'.
 In the 'New Network' screen you can assign a name, time zone and location for the new network.

Access networks:

You can see the networks stored in your mobile device from the 'Networks' screen.

The 'Networks' screen can be accessed from 'More' tab by selecting 'Change Network' or from the Main screen by selecting 'My Networks'.
 → In the list all the networks that have powered on luminaires nearby, i.e., 'online' networks, will show with a black icon and 'offline' networks are shown with a grey icon.

Remove a network:

A CAUTION!

If you have administrator rights to the network and you remove it from the list, it is also removed from the cloud server. This means that the network is permanently removed and other devices cannot use the network.

If you want to remove a network from the list, swipe to the left (in iOS) or tap and hold (in Android) on top of the network.

 \rightarrow The delete option will show up.

If you want to remove a network that you have administrator rights to, you need to log out first:

_ Go to More > Network Setup > Sharing settings and tap 'Log out'. After logging out, it is possible to remove the network from the list without removing it from the cloud server.

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Ð	Create a new	network	>
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⊳	Demo netwo	k	>
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App settings

In the 'App settings' screen it is possible to change settings and send feedback. If you only use lamps connected to the Control App you can disable the other one in the app settings. You can also hide the help buttons from the user interface.

By tapping the 'Send feedback' button you can send feedback or support requests. It is possible to include diagnostics and unit details with your feedback to help with the trouble shooting.

The 'Reset application' button will reset all settings and data and delete any networks that you have visited from the device.

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🗙 Ba	ck App	settings	
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6	Show help buttons	6	
	Site features enab	led	$\bigcirc \circ$
•	Send feedback		>
\otimes	Reset application		>
Versi	on 2.12, Build 331		

Reference list

Additional information

- _ Webpage basicDIM Wireless: http://www.tridonic.com/com/en/products/basicdim-wireless.asp
- Webpage basicDIM Wireless User Interface: http://www.tridonic.com/com/en/products/basicdim-wireless-user-interface.asp
- _ Data sheets: Go to above web page link and click "Downloads" > "Data sheet"
- _ Accessories: Go to above web page link and click "Downloads" > "Accessories"

Downloads

- _ Tridonic software: http://www.tridonic.com/com/en/software.asp
- _ Download masterCONFIGURATOR: http://www.tridonic.com/com/de/software-masterconfigurator.asp
- _ Download Tridonic 4remote BT:
 - _ Apple AppStore: goo.gl/mxvVng -or-
 - _ Google Play Store: goo.gl/Gmhb1N

Technical data

- _ Data sheets: http://www.tridonic.com/com/en/data-sheets.asp
- Company certificates: http://www.tridonic.com/com/en/company-certificates.asp
- _ Environmental declarations: http://www.tridonic.com/com/en/environmental-declarations.asp
- _ LED/lamp matrix: http://www.tridonic.com/com/en/lamp-matrix.asp
- _ Operating instructions: http://www.tridonic.com/com/en/operating-instructions.asp
- _ Other technical documents: http://www.tridonic.com/com/en/technical-docs.asp
- _ Tender text: http://www.tridonic.com/com/en/tender.asp
- _ Declarations of conformity: Available documents are found on each product page of our website in the "Certificates" tab for the specific product, www.tridonic.com/com/en/products.asp