

# Macros in the Remote

The **Remote** since version 1.11.0 gained a new unique functionality – the mechanism for live recording of user actions (commands sent to the **Base** module). Using this mechanism you can easily create a scenario for leaving home, light scenes, a scene for watching a movie, define heating settings, etc. No programming needed, all you need is the **Remote** application. Created macro is saved by the **Remote** as a list of commands. Calling a macro sends this list of commands to **Base** module. In the future we plan to extend this functionality by embedding macro commands in a time frame – this will allow to create dynamic scenes.

## The Macros Page

The **Macros** view is automatically added to the **Remote** menu structure as the last of main pages. If you don't want to use the macro recording function, you can disable this view in **Remote** settings, by disabling the **Show macros** option. By default, the **Macros** view is enabled.

## Let's start

To start recording a new macro, click the **+** button in the upper right corner. As the result you'll see red bar at the top part of the screen, and the **+** will turn into the **x** button – macro recording has started. Now start navigating the menu and/or visualization (yes, macro can include visualization commands too) and use controls to add actions to the created macro. Important note here: you can decide whether the **Remote** will or won't send commands to **Base** during macro recording. Use the **Send commands to Base during macro recording** switch in the **Settings** view to set this property. This option is enabled by default.

Macro can contain all the actions available in the menu mode and in the visualization, for example changing the brightness of the lighting, arming the alarm, changing the set temperature, etc.

## Saving Macro

To finish macro recording go to the **Macros** page and click on the **x** button in the upper right corner. As a result the **Remote** will display a popup asking you to confirm the decision to finish creating of a macro. Click **No** to continue recording the macro. If you click the **Yes** button, another popup will appear. Then enter the name for a macro and press the **Save** button in order to save it. If you click the **Discard changes**, the entire macro definition will be canceled. As a result of a proper macro definition, **Remote** adds a new line on the **Macro** page, which will contain the entered name and a button to call the macro.

## Deleting Macro

In order to delete a macro, swipe horizontally from right to left with one finger on the screen (the gesture is identical as for deleting messages in the iOS) – you'll see **Delete** button that allow you to delete the macro.

## General Rules

1. You can nest one macro inside another. In case you delete the nested macro later it doesn't affect the definition of the parent macro, because it contains its own copy of commands list of a nested macro.
2. Macro definition must contain at least one action (command) in order to be saved by the **Remote**.
3. Saving the **Remote** or the **Display** tab in the configurator will cancel macro recording.

We hope you will enjoy this functionality.