Installation Manual
for the Application iHC-MAIR

Contents

1. Introduction

Application iHC-MAIR - universal controller for all Audio Video appliances (as well as HVAC)
Anybody can navigate the simple, intuitive environment of the Application iHC-MAIR (the "application") for controlling.
The application is connected via smart phone to the Smart IR box, which communicates with A/V appliances using an IR code. It can control up to 100 arbitrary commands from various controllers that you normally have at home. It can integrate an unlimited number of IR boxes into this one application. You can connect 3 sensors for three directions of control to each IR box.
The menu is divided into clearly structured sections in which the icons indicate individual functions. The application includes a Light Scenes function, where you perform multiple actions with a single command.

Thanks to iHC-MAIR – you can perfectly control the function of your appliances and devices (e.g. home theater, TV, DVD player, Blue Ray player, amplifier, setup box, satellite receiver, air conditioning, etc.).

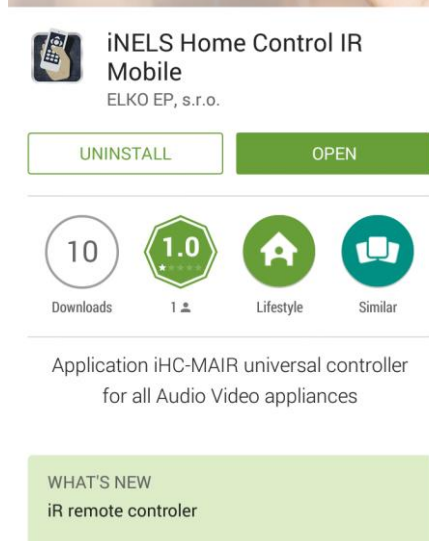The application only works with the unit Smart IR box eLAN RF-003.

It is designed for devices with OS Android 2.4 and higher.

- Optimized for devices with a display resolution of 800x480.

- The application language follows the language set in the OS Android

Downloading

Download the current version at Google Play (under the name iHC-MAIR).

2. Installing the application on a device

Installing the application on a mobile telephone with OS Android via the service Google Play.

a) Connect to the Internet using your mobile phone.
b) Activate the service Google Play.
c) In the search bar, enter the password *iNELS* and press Search.
d) In the list, select the application **iHC-MAIR** and open the dialog box with information on the application.
e) Press *INSTALL*. A message is displayed on permission to access the telephone services. Confirming by pressing *ACCEPT* is a condition to installing the application.
f) On the display, a downloading bar graph appears indicating that the application is downloading to the phone.
g) After installing the application in the phone, the buttons *OPEN* and *UNINSTALL* appear.
h) Installation has completed and you can start the application straight away.
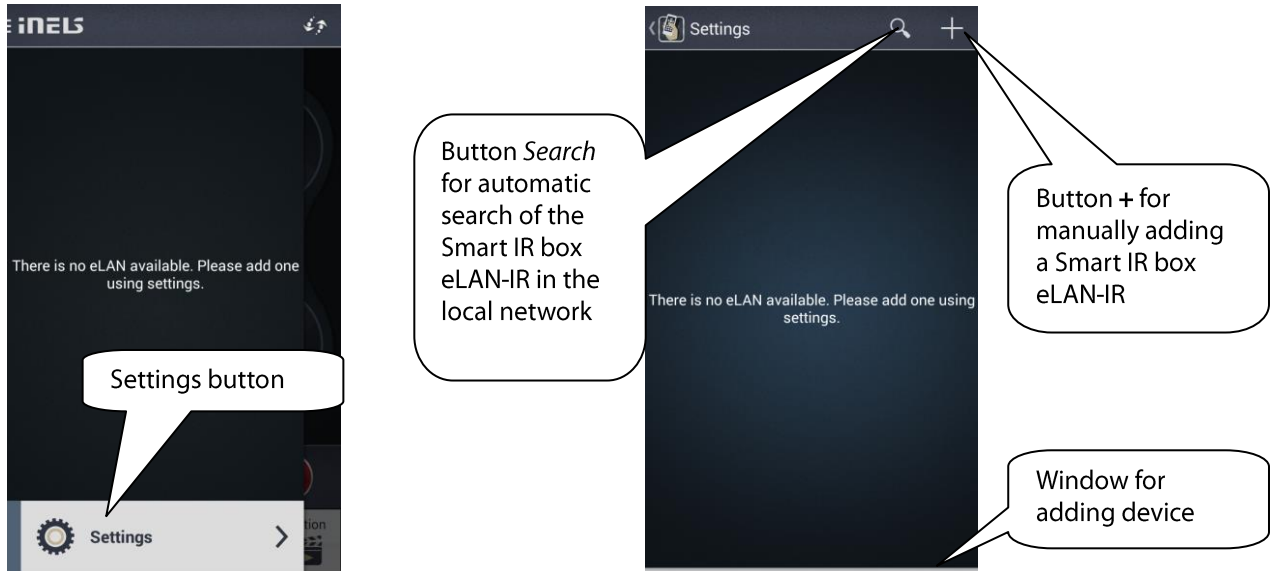
3. Settings and control

The application must first be configured in order to offer everything required immediately on the basic desktop.

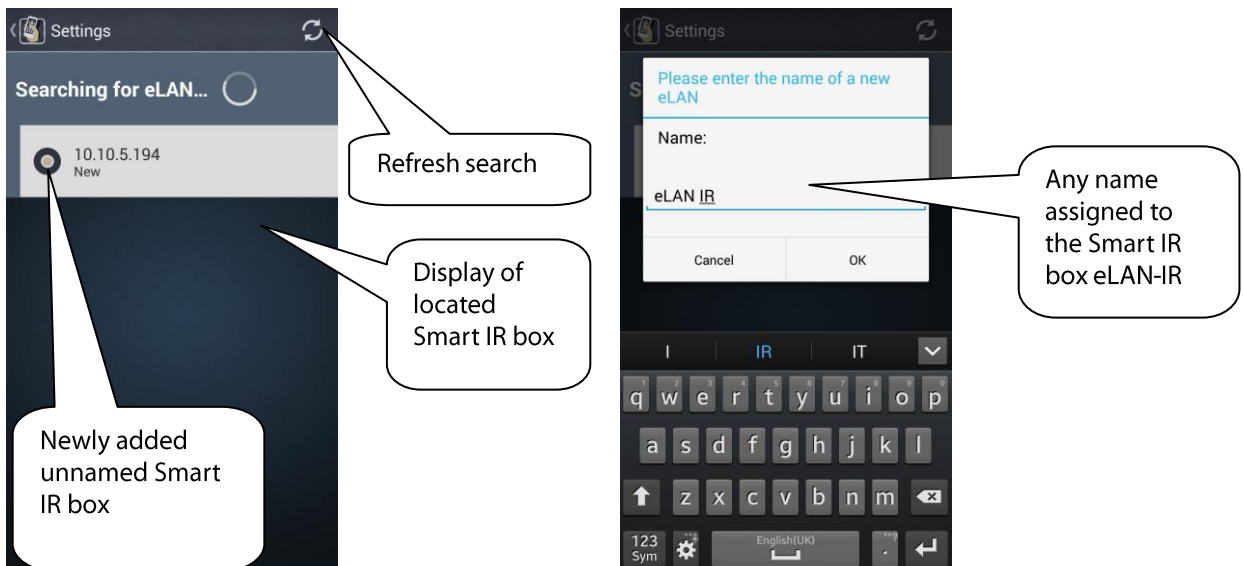Initial display upon running the application.

Application basic settings menu

Control buttons

Button *Light Scenes*

Button for selecting controlled device

Control buttons

Switching between windows with control buttons

3.1   Adding a Smart IR box eLAN-IR into the application

Open the basic settings menu of the application by pressing *iNELS* in the upper left corner (you can also display the menu by swiping from the left edge of the main control screen).
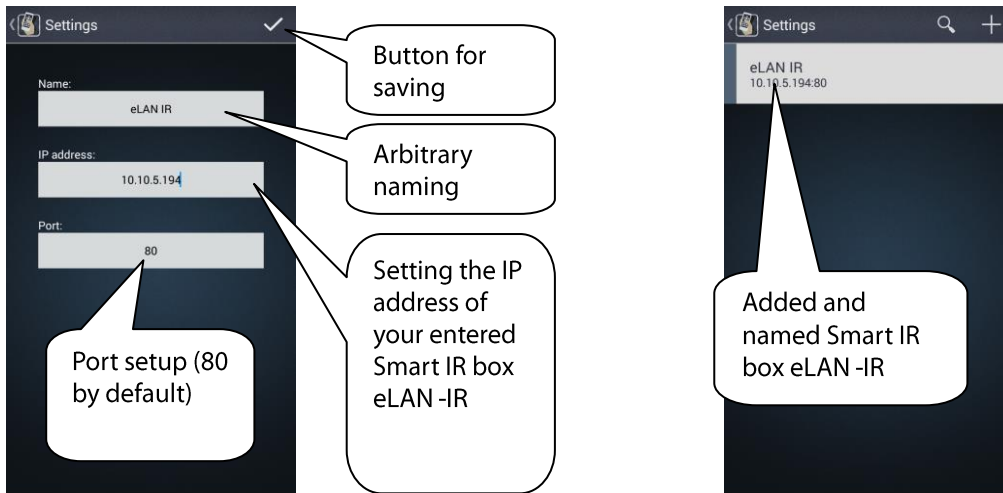

Settings button

Button *Search* for automatic search of the Smart IR box eLAN-IR in the local network

Button **+** for manually adding a Smart IR box eLAN-IR

Window for adding device

- Automatically:
By pressing *Search*, you will locate the required Smart IR box eLAN-IR (eLANs) in your home network. You can give it any name.

Refresh search

Display of located Smart IR box

Newly added unnamed Smart IR box

Any name assigned to the Smart IR box eLAN-IR

- Manually:

After pressing **+**, add the name and IP address of your smart IR box eLAN-IR.

Button for saving

Arbitrary naming

Setting the IP address of your entered Smart IR box eLAN -IR

Port setup (80 by default)

Added and named Smart IR box eLAN -IR

Once you name your Smart IR box eLAN-IR, you can store devices in it that you want to control via the application. By pressing the named eLAN- IR, you will open the menu:
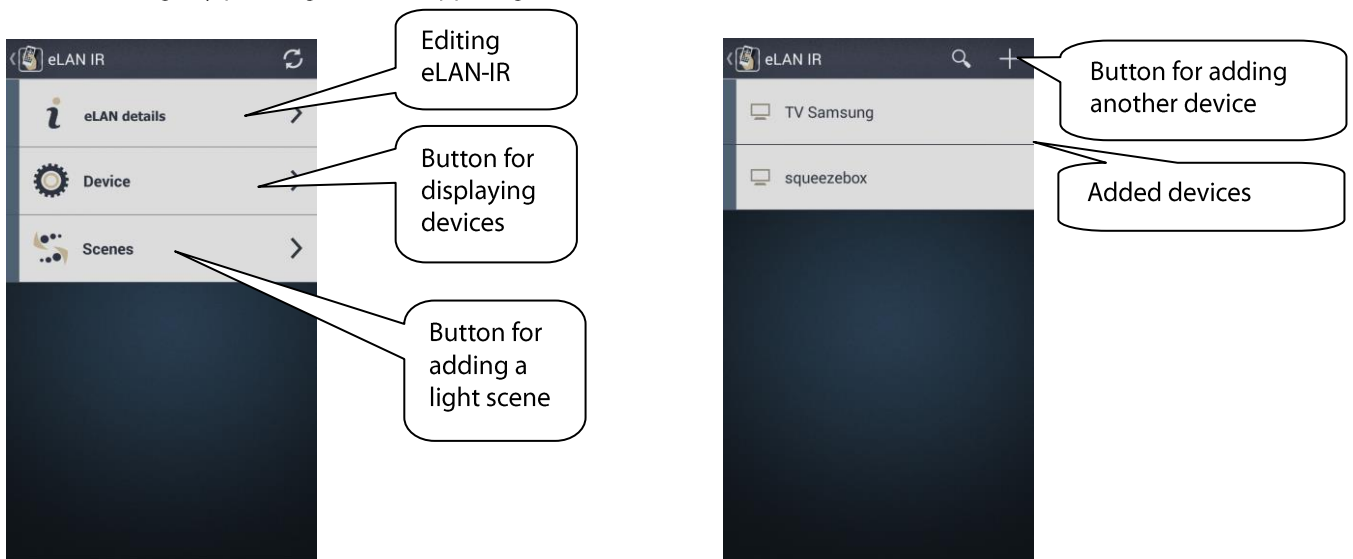- Detail of eLAN – for editing the name or IP address.
- Devices – adding or editing already added devices.
- Light scenes - creating light scenes.

3.2   Adding a device

Press Devices to open the menu. After pressing **+** enter:

1. name of added device
2. model of device
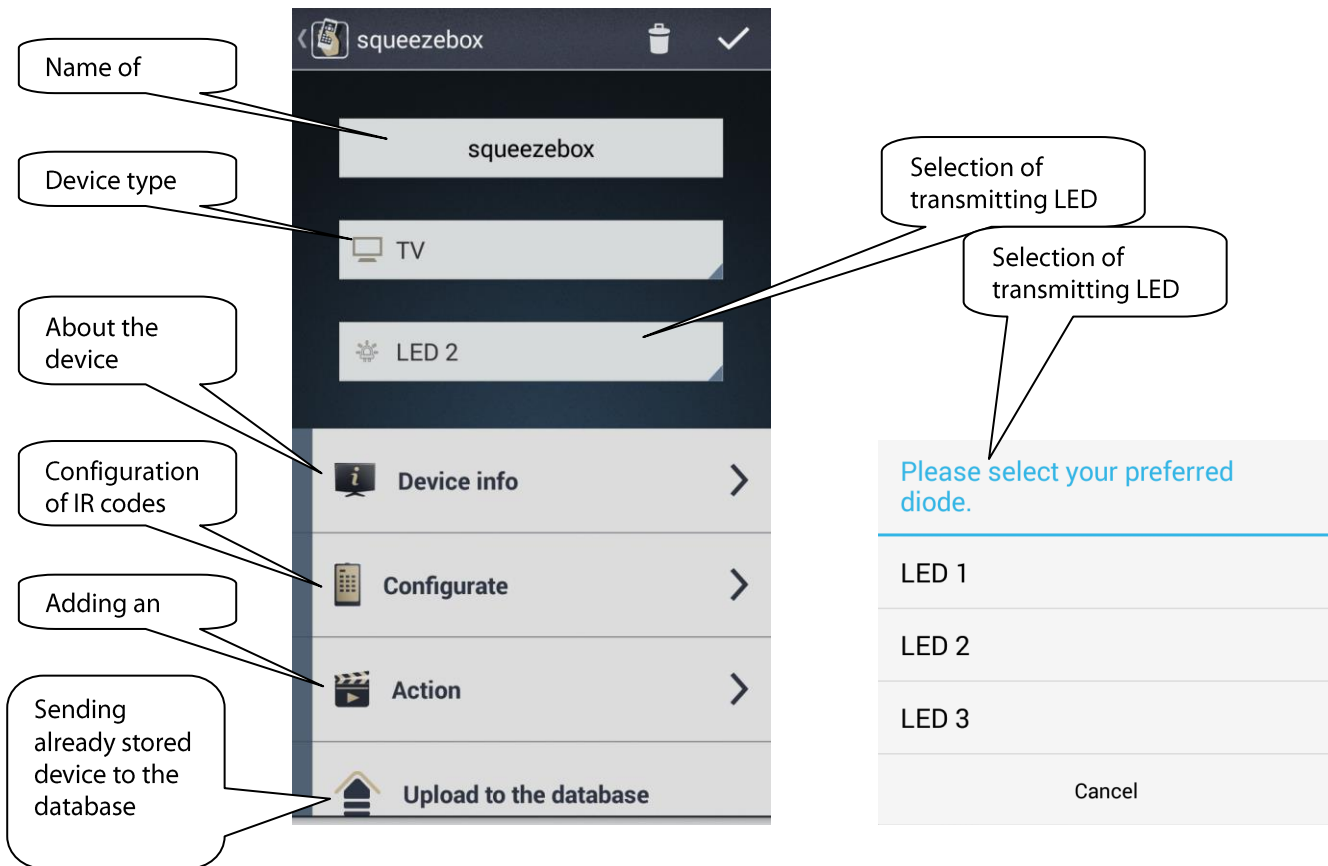3. type of device
4. manufacturer
5. description of device

Confirm settings by pressing ✓ in the upper right corner.

Editing eLAN-IR

Button for displaying devices

Button for adding a light scene

Button for adding another device

Added devices

3.3   Device configuration

By pressing the entered device, a menu opens for you to configure it.

1. Name – entered name of device, option of editing.
2. Type of device - option of editing.
3. Selection of LED indication (output) of Smart IR box eLAN-IR, from which a specific device will be controlled.
4. Information on the device that you entered when adding it.
5. Configure - option of adding IR codes from your controller to the memory of eLAN-IR-003.
6. Actions - used to add individual actions by which it is possible to send multiple IR codes at once for a single device (e.g. if you have a favorite program on channel 1, you create an action with sending the IR code 1 and 2).
7. Recording into the database - used to send the stored device settings in a public database (when adding a device, you can download devices stored here).

Name of

Device type

About the device

Configuration of IR codes

Adding an

Sending already stored device to the database

squeezebox

squeezebox

TV

LED 2

Device info

Configurate

Action

Upload to the database

Selection of transmitting LED

Selection of transmitting LED

Please select your preferred diode.
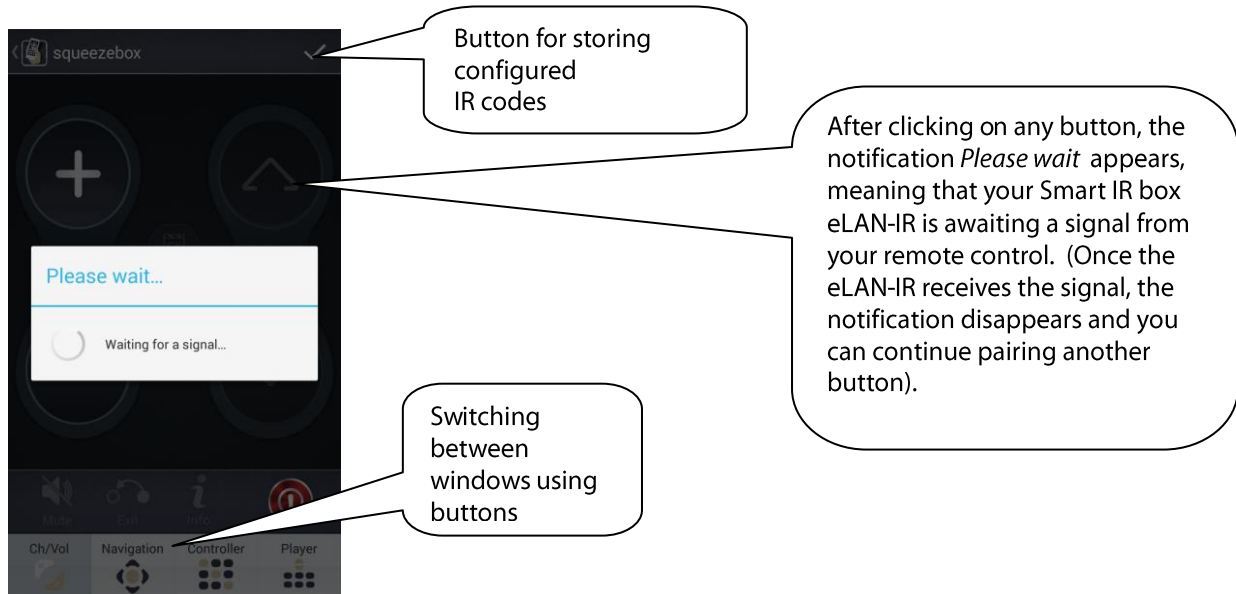
LED 1

LED 2

LED 3

Cancel

see point 5 – Configure:

By pressing the symbol 〉, you will see displayed the controller graphics with predefined buttons to which you can assign individual buttons of your remote control.
When pressing a predefined button in the application, the notification is displayed *Please wait. / Awaiting signal*. On your controller, press the required button (your controller must be as close as possible to the Smart IR box eLAN-IR with its infrared sensor pointing towards it). You can then continue assigning (pairing) another button.
When pairing buttons, you can switch between screens by pressing the icon of the given window with buttons (menu below) or swiping to the side.
Confirm settings by pressing ✔ in the upper right corner.

Button for storing configured IR codes

After clicking on any button, the notification *Please wait* appears, meaning that your Smart IR box eLAN-IR is awaiting a signal from your remote control. (Once the eLAN-IR receives the signal, the notification disappears and you can continue pairing another button).
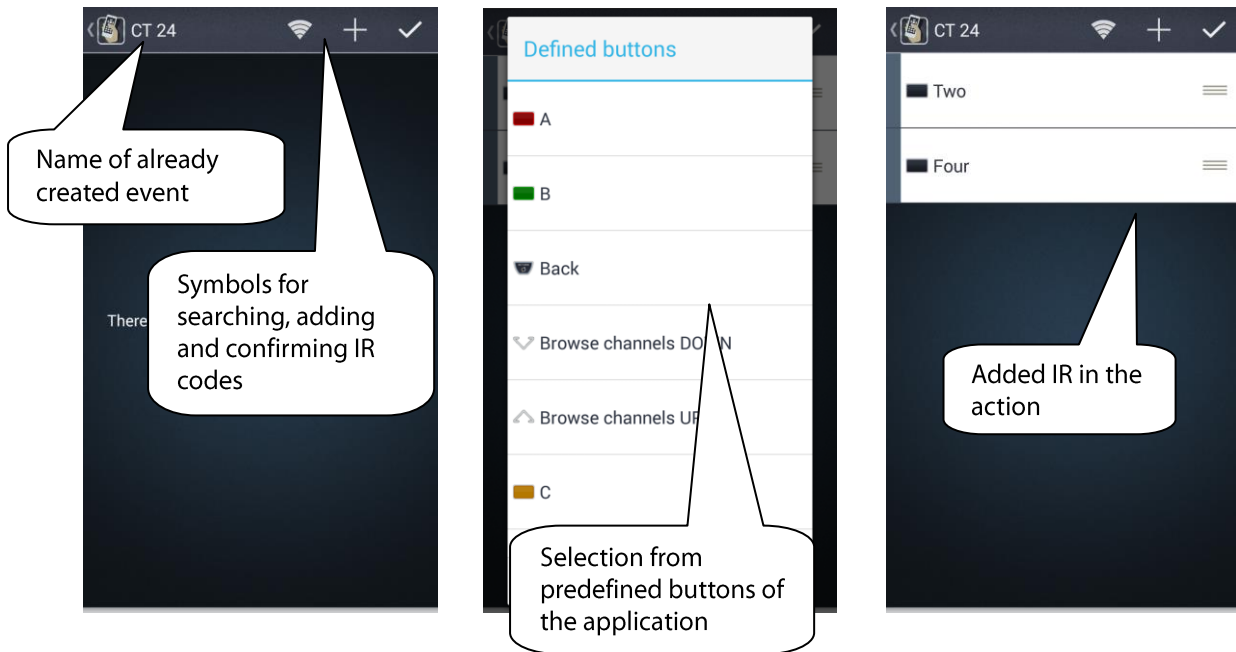
Switching between windows using buttons

see point 6 – Action:

By pressing the symbol 〉 a menu will display.

First name the entered action (e.g. favorite channel), confirm. Then add IR codes:

1. by pressing the search symbol and then the button on your remote control.
2. by pressing the symbol + and adding a command for a predefined button in the application.

Confirm settings by pressing ✔ in the upper right corner.

Name of already created event

Symbols for searching, adding and confirming IR codes

Defined buttons

A

B

Back

Browse channels DOWN

Browse channels UP

C

Selection from predefined buttons of the application

Added IR in the action

3.4   Setting light scenes

By using the function *Light Scenes*, you can send several IR codes for multiple devices simultaneously, meaning that with a single press, you can switch on or off all programmed devices that you have controlled up until now with several different controllers.

The function *Light Scenes* is found in the Settings of the Smart IR box eLAN-IR-003 .
By pressing *Light Scenes* an empty window appears. Press the symbol + add scene, which you can name as you like. Highlight the devices you want to control. Press ✔ to save.
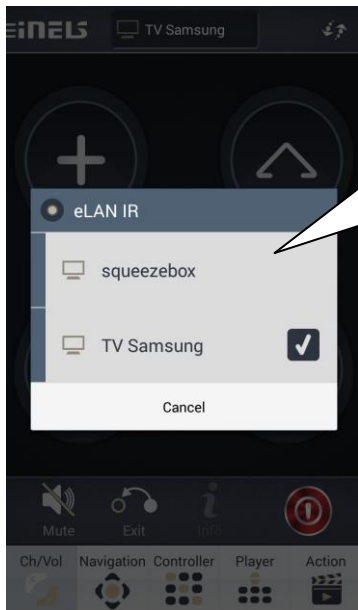Open the stored scene by pressing and set the required actions for individual devices.
You can set a time delay between actions (within seconds). By pressing the clock symbol 🕐, you open the menu for setting the time delay. Press ✔ to save.

Open the created *Light Scenes* by pressing the icon on the main control panel.

Selected type of device

Inserted delay

Icon for opening created light scenes

Created and named light scene
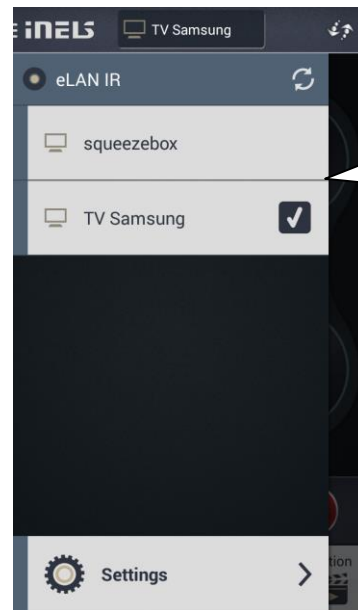
Selected action

4. Control

1. You can select the device you want to control by pressing the button for changing the controlled device status.
2. Or by swiping to the side, the main control menu slides out and here you can select the controlled device.

Display when selecting the device by pressing on the device button.

Display of the device selection when slid out by swiping to the right.

Controller options menu in the application: