

WI-LIGHT

User Guide



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Introduction

Transform your smartphone or tablet into a powerful portable DMX lighting control system. With Wi-Light, manage easily your lighting setup from anywhere via your Wi-Fi or Local Network (LAN).

Compatible with the Chromateq free DMX lighting software and Ethernet stand-alone devices such as the CQSA-E, DIN-E or CLUB-E, our new lighting control remote APP comes with a new look, a slick dark skin and an updated user interface.

This powerful and easy to use APP is available on Google Play and in the App Store with no additional fees, the computer version is included in the Windows, MAC and Linux installations.

Objectives

This user guide covers uses of the Wi-Light application. It details how to connect Wi-light, detect your stand-alone device and your control software. It explains how to use the application and customize the user interface.

Requirements

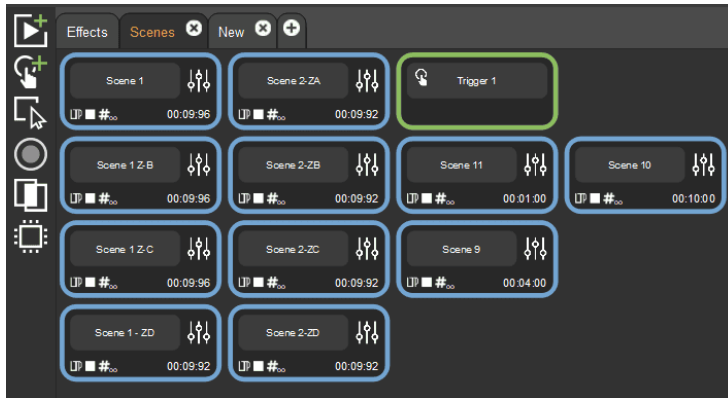
In order to use the APP well, it is necessary to know :

- Software and Application downloads
- DMX, Art-Net, sACN communication protocols
- The different types of connections, via USB, DMX, over a LAN Ethernet network, powering your control device
- DMX lighting fixture features and patch
- Program a show, set your control device and write in memory to stand-alone use with PRO DMX 2 & PIXXEM software
- Smartphone/Tablet Wifi settings

Network connections

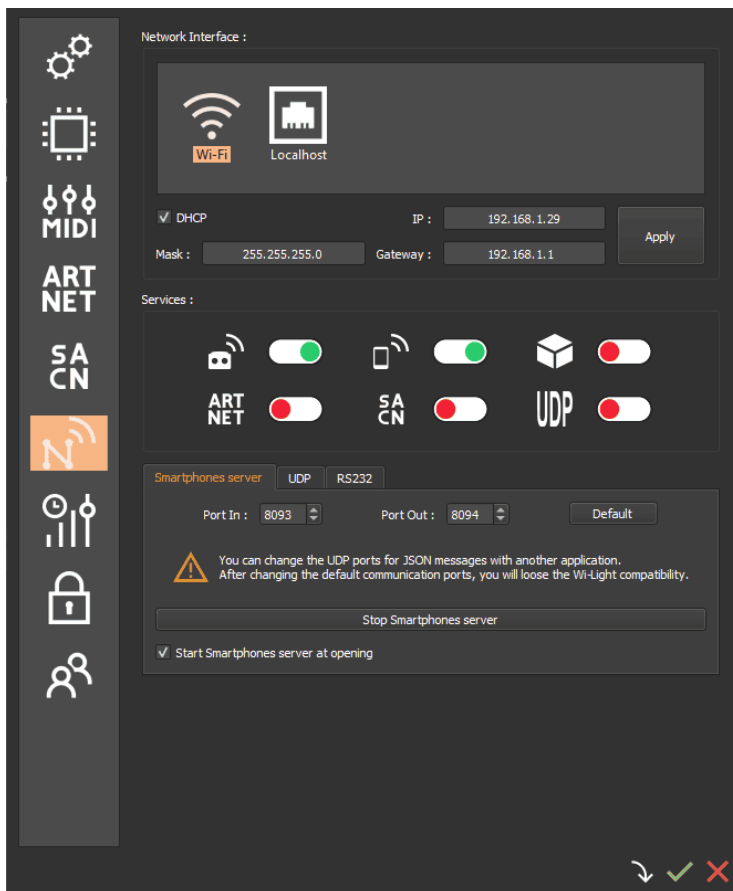
With the Wi-light APP, you can communicate with the lighting control software or with a standalone Ethernet device.

Connection with the control software



Create scenes with DMX software, And start the smartphone server.

Start smartphone server



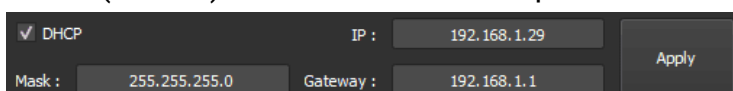
Go to the software options window

Click on network tab.

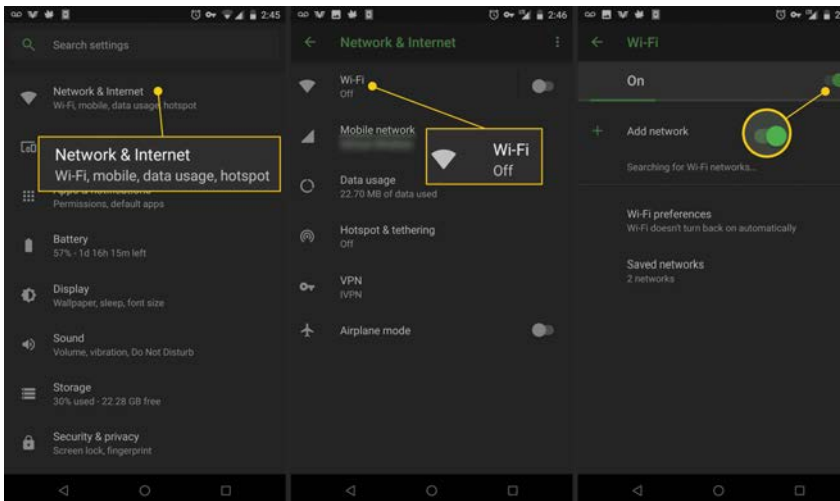
Choose the same network of your computer. The software must be connected on the same local network LAN and WIFI that your mobile or tablet with the Wi-Light APP.

Click on **Start smartphone server** button in the smartphones server tab.

DHCP (default) or IP Fix connections possible.

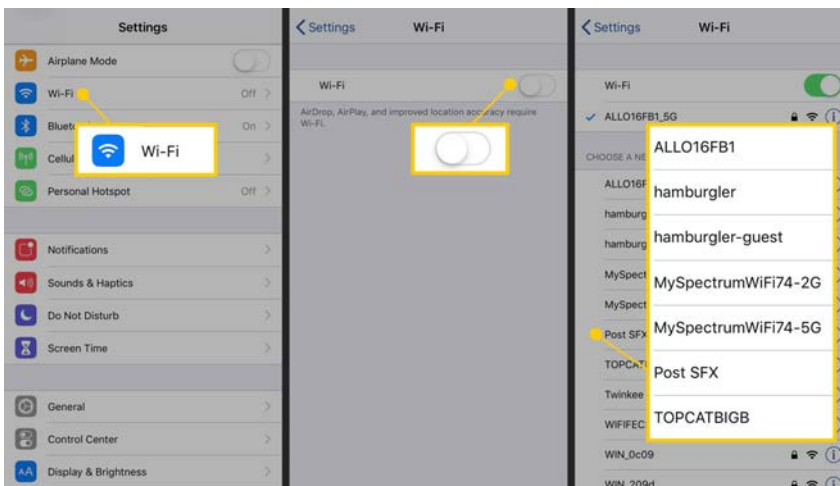


Connect to Wi-Fi networks on your Android device



1. Open your device's Settings.
2. Tap **Network & internet > Internet**.
3. Tap in the listed network. Networks that require a password have a lock icon.
4. Select the same network as the DMX stand alone device or the control software.



Connect to Wi-Fi networks on your IOS device

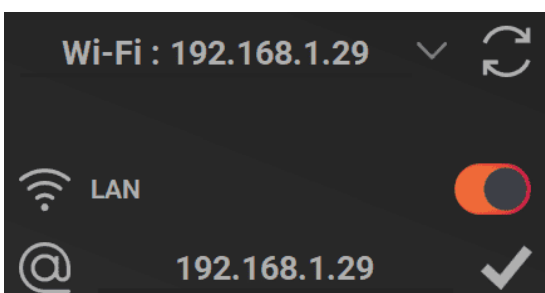


1. From your Home screen, go to Settings > Wi-Fi.
2. Turn on Wi-Fi. Your device will automatically search for available Wi-Fi networks.
3. Tap the name of the Wi-Fi network that you want to join. Before you can join the network, you may be asked to enter the network's password.

After you've joined the right network, you'll see a blue tick next to the network and the connected Wi-Fi icon on top of your screen.

Wi-Light connection

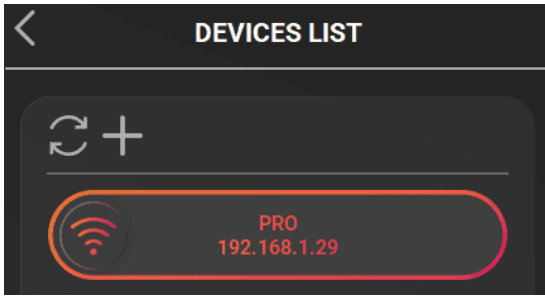
Start Wi-light, go to settings  and Network options 



Check that the application is connected to the mobile's IFI network card, refresh if necessary. . Make sure your mobile is well connected to the same Wifi network.

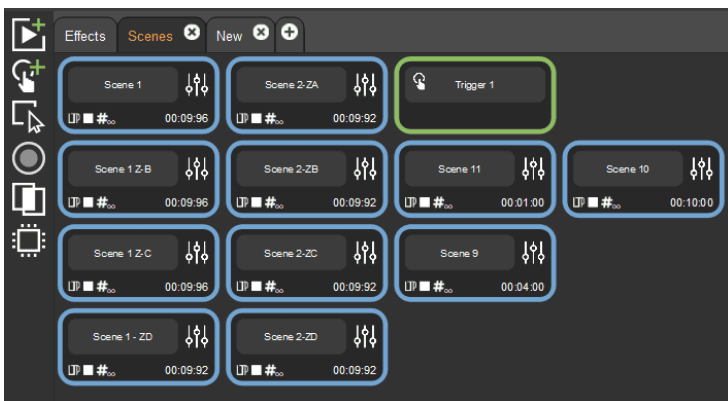


Go to the devices list  to see the software displayed





Select to obtain the contents of the software and the list of scenes.

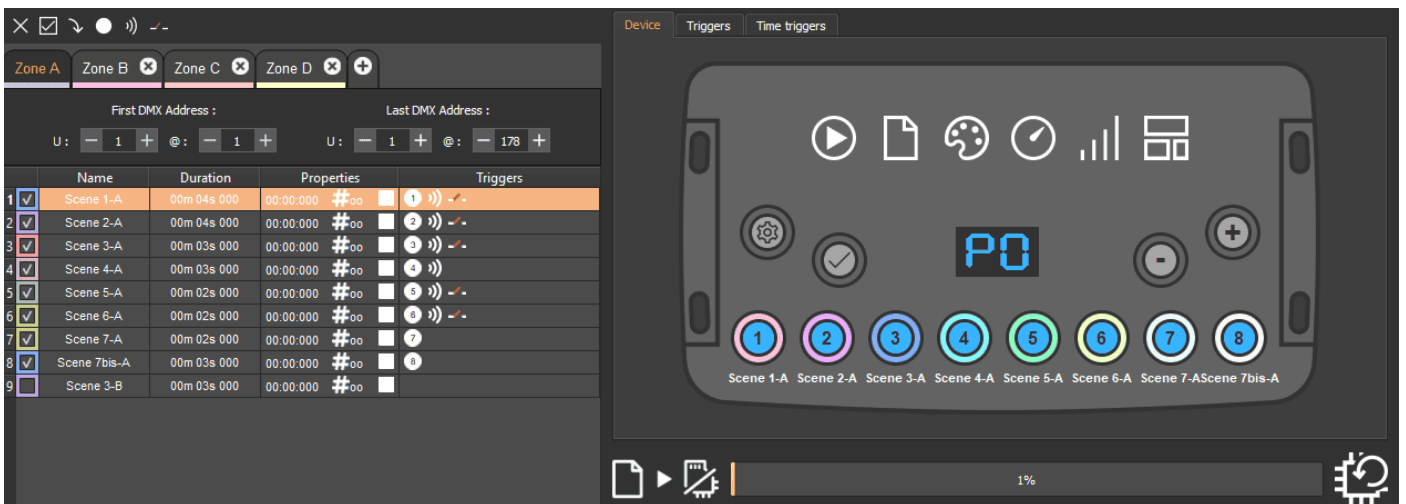
Connection with stand-alone Ethernet interfaces



Connect by USB your device with computer.

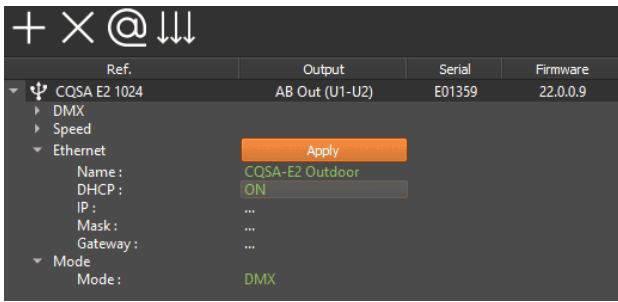
Create scenes with DMX software and save them in the device memory.

Go to stand-alone configuration  to write your scenes in stand-alone memory 

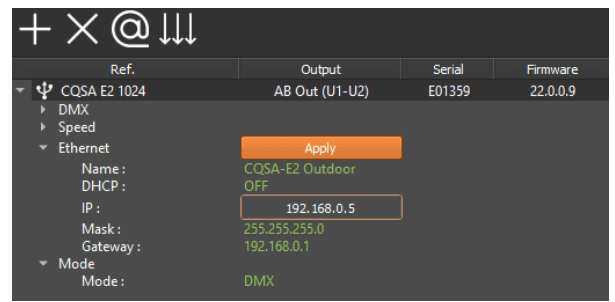


Interface network parameters

Go to the software options window  Click on device tab. 





In DHCP mode (recommended), IP addresses are managed by the router, addresses are assigned automatically.

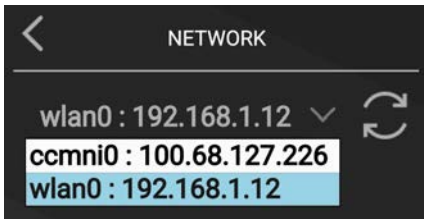


In static IP mode, set the IP address
 Default device network values
 IP address: 192.168.0.5
 Subnet mask: 255.255.255.0
 Gateway: 192.168.0.1

Connect your interface to the local LAN and WIFI network via a router or IP switch with an Ethernet RJ45 CAT5 or CAT6 cable. Power supply your DMX interface to start in stand-alone mode.

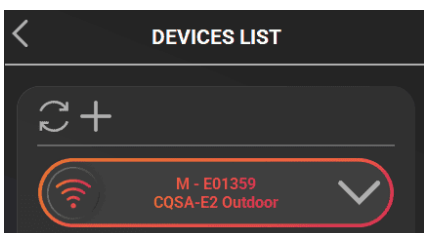
Wi-Light connection

Start Wi-light, go to settings  and Network options 



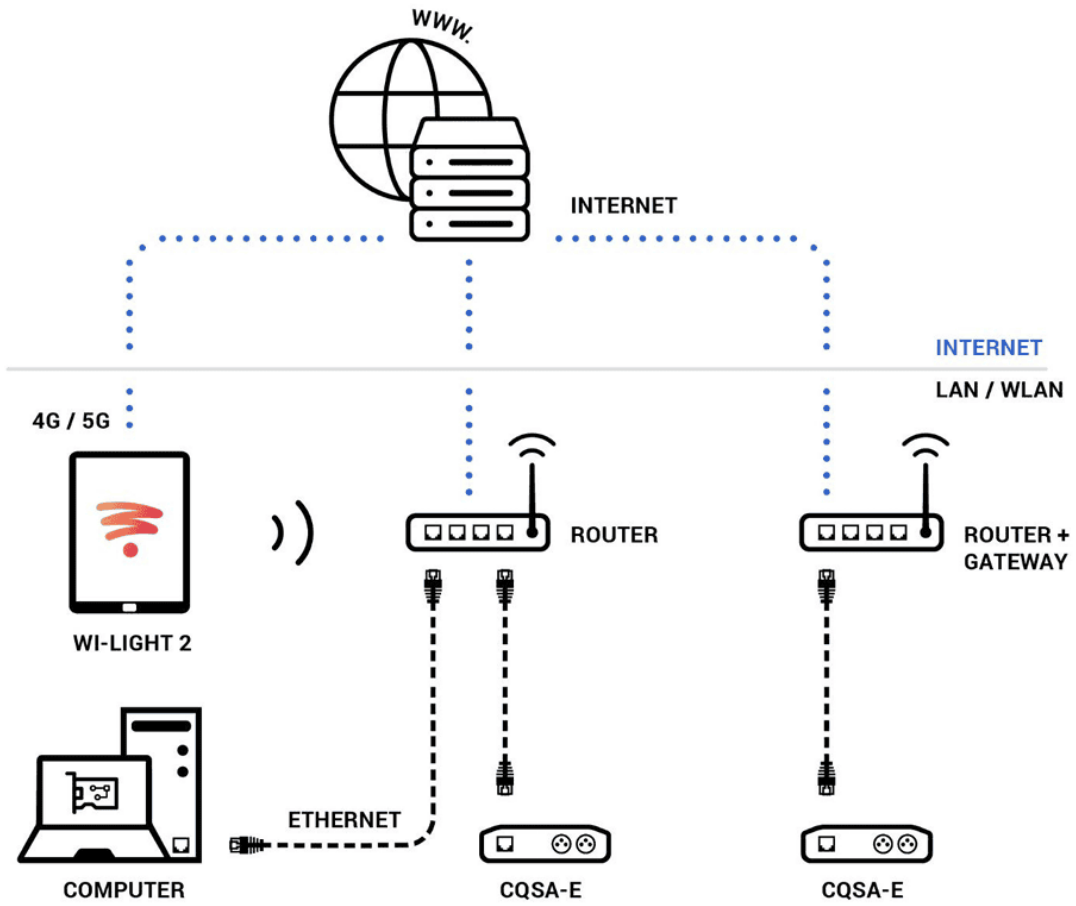
Check that the application is connected to the mobile's WIFI network card, refresh if necessary.
 Make sure your mobile is well connected to the same Wifi network as the stand alone DMX device.

Go to the devices list  to see the device displayed

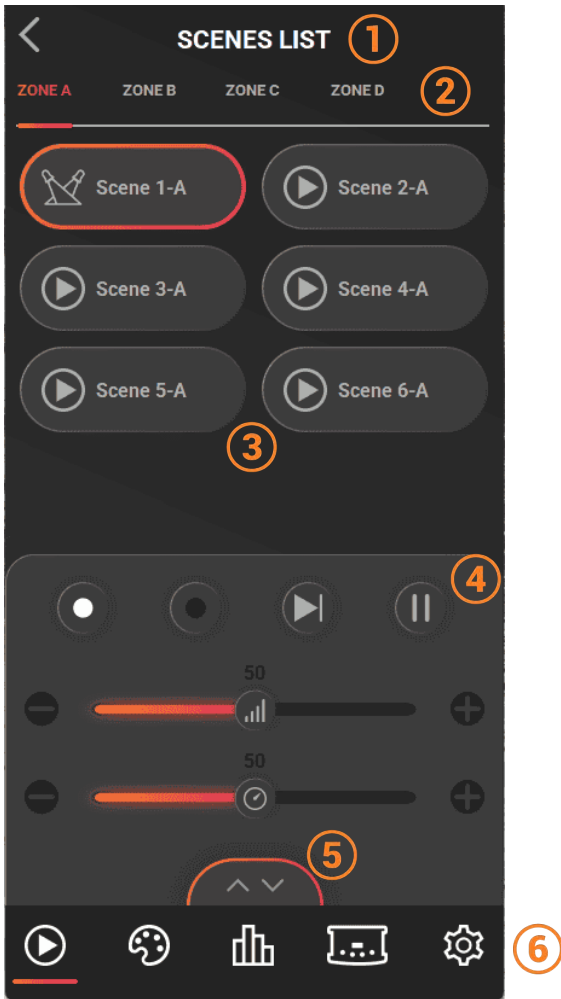


Select to obtain the contents of the software and the list of scenes.

Connections diagram



Scenes list and control panel



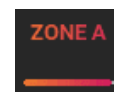
When your mobile with Wi-Light is connected to the same WIFI network as the computer or a stand alone device.

Select the Play scene mode and start and stop scenes using the control panel.

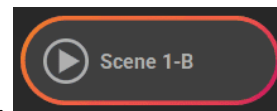
- 1- Page name
- 2- Zone tabs : hold current zone to edit,
- 3- Scene buttons list, start and stop (customizable)
- 4- Control panel
- 5- Control panel button (tap to display or hide the panel)
- 6- Navigation bar (scenes, colours, DMX channels, devices list, settings)

Zone and scene selection

Tap on zone tab to select a different zone and access the list of scenes.

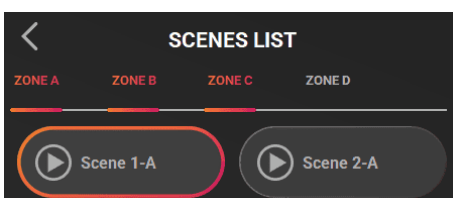


Tap on a scene buttons from the zone to start and stop scene.



Hold the zone tab and the scene button to customize zones and scenes. Cf. *Customize zones and buttons*

Multi-zone selection



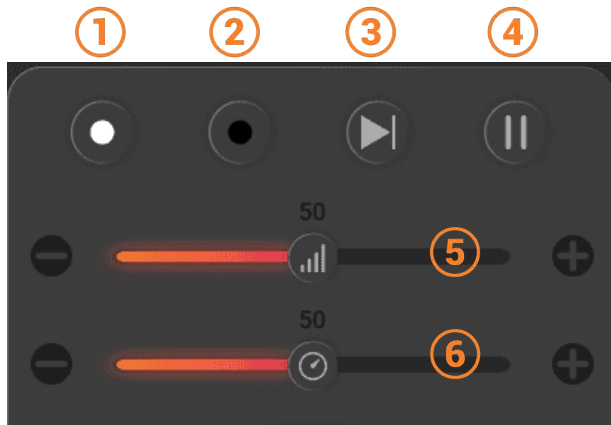
Hold a zone one by one until it blink to combine them and trigger scenes with the same index in each selected zone.

Control panel

You can add or remove the control timeline bar, live control or custom cursors in the control panel from the zone parameters.

cf. *Zone customization menu*

Live control



- 1- Full white button
- 2- Blackout button
- 3- Next scene button
- 4- Pause button
- 5- Dimmer cursor : slide to adjust value or use plus and minus button
- 6- Speed cursor :slide to adjust value or use plus and minus button

Timeline control

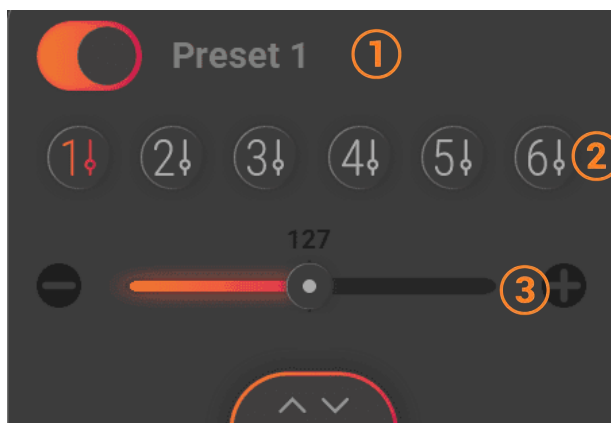
Only control the current software timeline



- 1- Play
- 2- Pause
- 3- Stop
- 4- Play at the next marker
- 5- Previous marker
- 6- Next marker

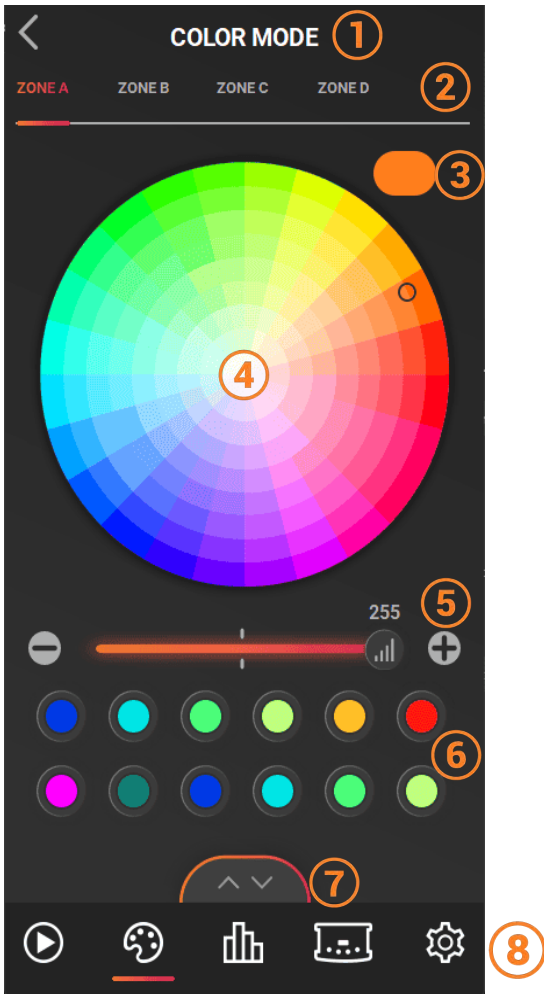
Custom cursors control

To create up to 6 custom cursors cf. *DMX channels and custom cursors*



- 1- On/Off button, preset number : enable or disable selected channels values
- 2- Preset selection buttons : 1 to 6
- 3- Preset cursor : slide to adjust value or use plus and minus button. The according DMX level increases according to the value.

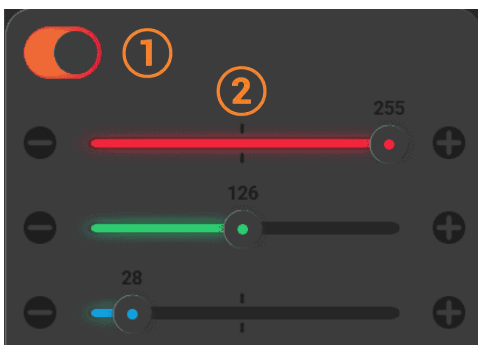
colour mode



Select the colour mode and control current scene colours in real time.

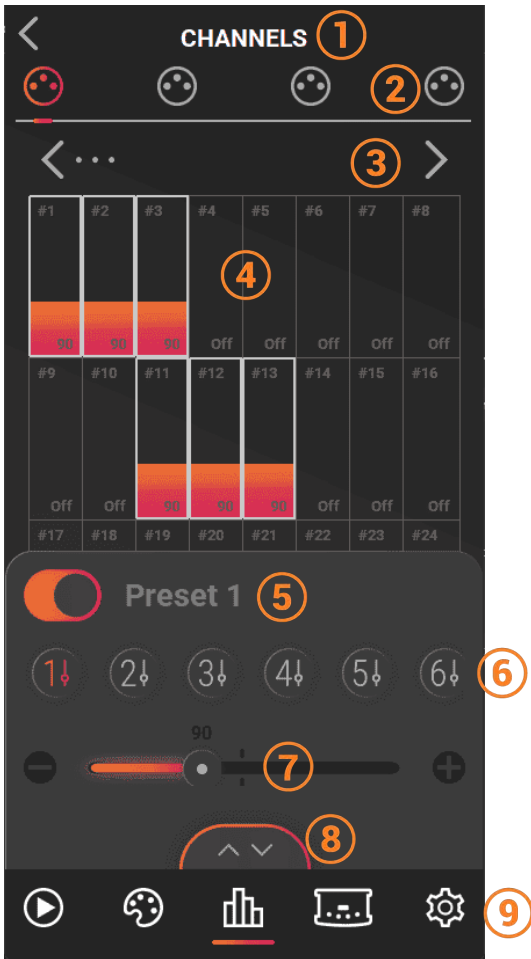
- 1- Page name
- 2- Zone tab (customizable)
- 3- Colour viewer
- 4- Colour picker
- 5- Dimmer cursor : slide to adjust value or use plus and minus button
- 6- Colours library : Hold to save the colour selected in the colour picker
- 7- Control panel button (display or hide the control panel)
- 8- Navigation bar (scenes, colours, DMX channels, devices list, settings)

Colour control panel



- 1- On/Off button :
On = apply the current colour,
Off = resume the current scene values and cancel the Live colour.
- 2- RGB cursors : slide to adjust value or use plus and minus button

DMX channels and custom cursors



Select the channels mode to control individual channels manually and save preset cursor.

- 1- Page name
- 2- DMX universe tabs
- 3- Scroll bar : navigate in the DMX channel grid
- 4- DMX channels : Select DMX channels to customize the value with the preset cursor
- 5- On/Off button, preset number : enable or disable selected channels values
- 6- Preset selection buttons : 1 to 6
- 7- Preset cursor : slide to adjust value or use plus and minus button. The according DMX level increases according to the value.
- 8- Control panel button (display or hide the control panel)
- 9- Navigation bar (scenes, colours, DMX channels, devices list, settings)

Show your preset cursor in the scene mode control panel.
cf. Graphic user interface customization and Zone parameters

Create and cancel a custom cursor

Select universe (2), Select preset button (6), select DMX channel (4), adjust the value (7).
The preset cursor is automatically enable (5) when the value is modified.

Select new preset button (6) to create new custom cursor.

Disable (5) to cancel the custom cursor, then deselect channels in the grid.

Device list



Select the device mode to see and manage your connected devices on the network. Organize interfaces or software by tree based groups, Select one to command it.

- 1- Page name
- 2- Refresh the devices connected to the network
- 3- Add folder
- 4- Connected device
- 5- Detected device
- 6- Detected Software
- 7- Navigation bar (scenes, colours, DMX channels, devices list, settings)

Create folders and manage devices

Add folder with plus button

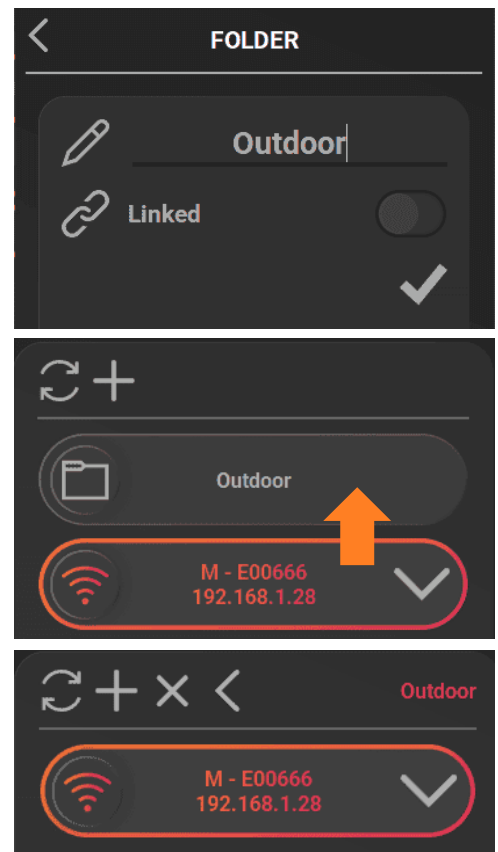


1- Choose the folder name.

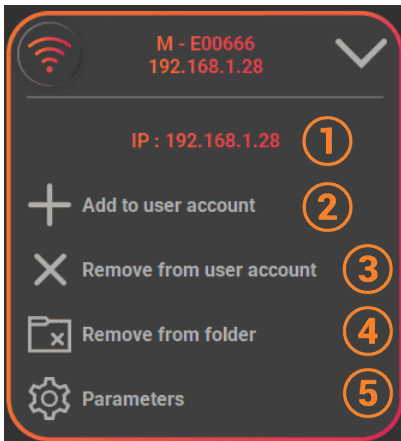
You can link all devices contained in the same folder to send them commands simultaneously.


2- Drag and drop the device button on the folder

3- Add another folder inside the new one, remove or exit



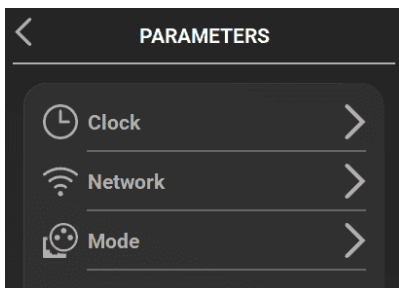
Devices settings



You can access to the device settings with develop button. 

- 1- Device IP address
- 2- Add selected device to user account. (Create your account in settings page *cf. Advanced network mode and internet access*)
- 3- Remove selected device from user account
- 4- Remove selected device from folder
- 5- Access to device parameters (Clock, Network, Mode)

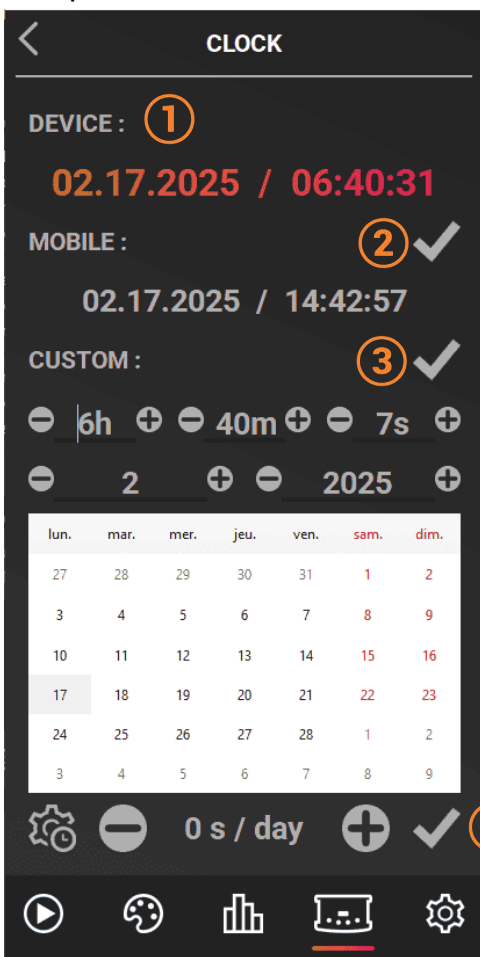
Device parameters



Change device parameters directly in the App.
Like Time and date, Network setting and mode of use.

Device Clock

Setup the selected device time, date, and calibration.



- 1- Selected device current date and time
- 2- Apply system date and time to the device
- 3- Apply custom time and date. Setup hour, minutes, second, month, year using plus and minus button then day in the calendar.
- 4- calibrate the lag time to be added per day, then apply

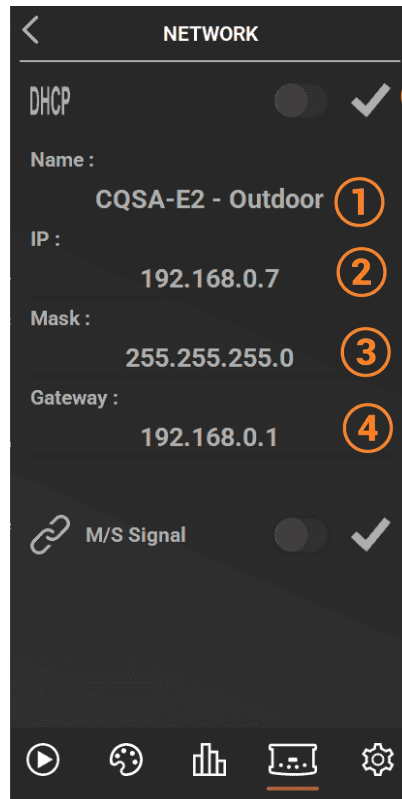
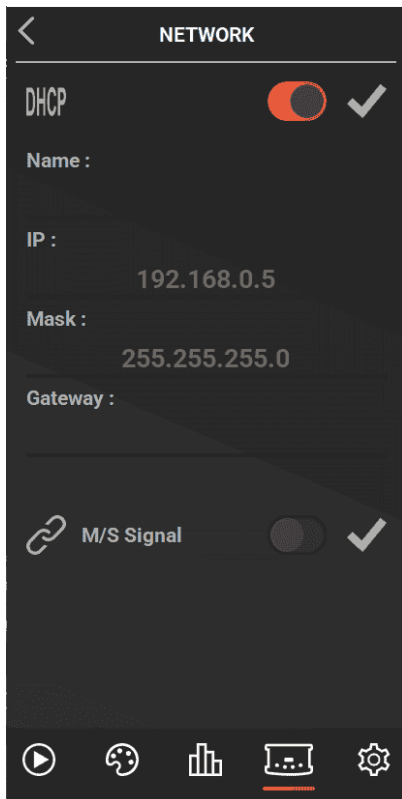
Device Network

By default the network configuration is in DHCP mode, unselect to setup static IP mode.

The default static values of the device are:

IP address: 192.168.0.5

Subnet mask: 255.255.255.0

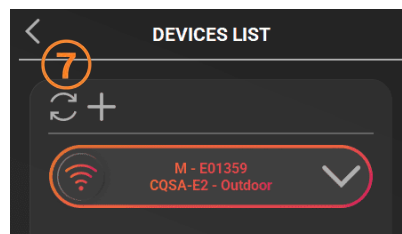
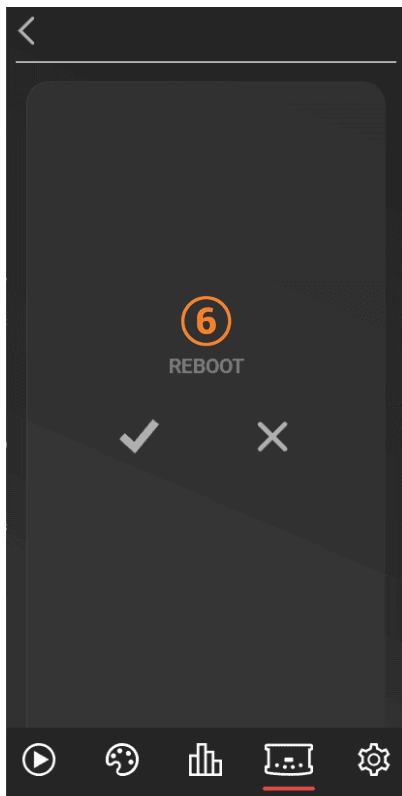


In static IP mode

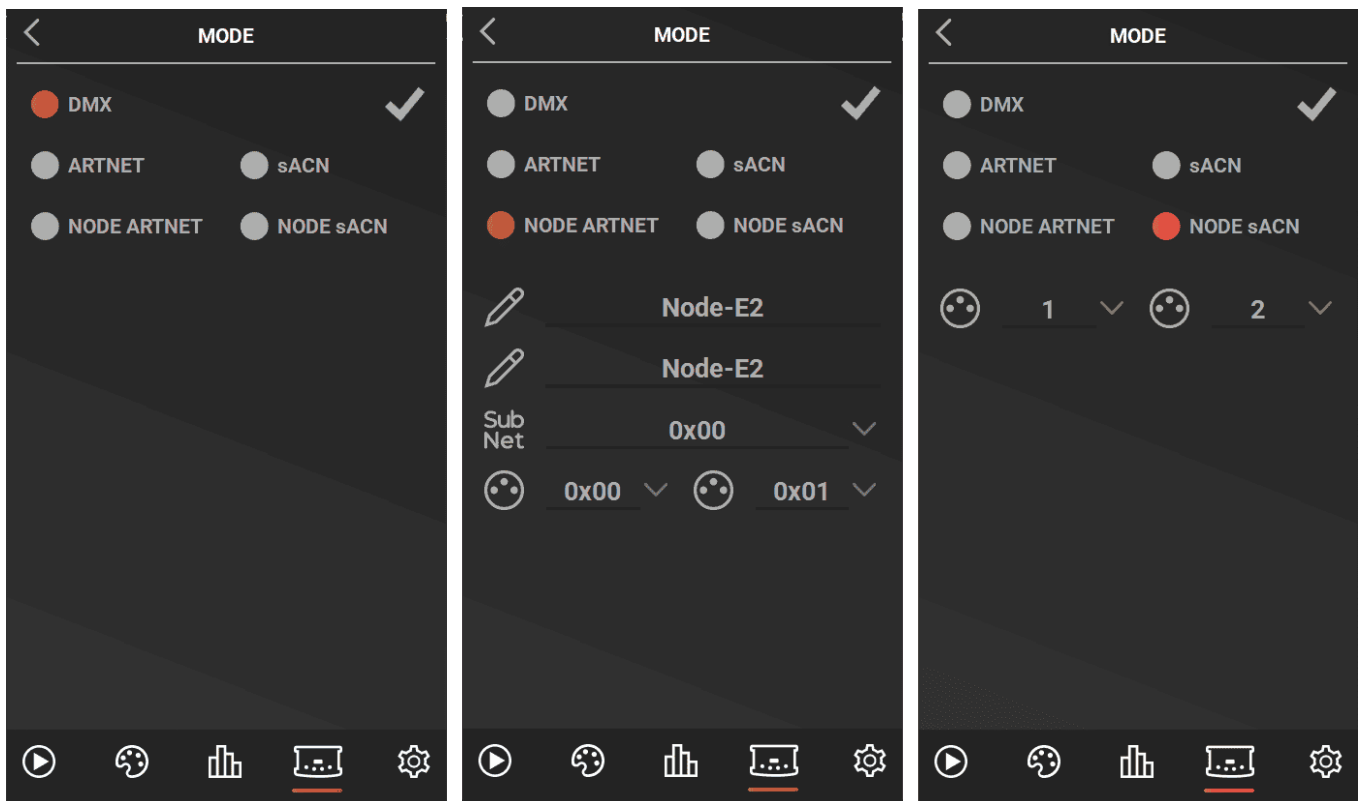
- 1- Write device name
- 2- Set the IP address of the device to an identical IP address range of your network installation
- 3- Set the subnet mask
- 4- Set gateway
- 5- Apply to reboot the device
- 6- Confirm the reboot
- 7- Refresh device list

If your device does not appear in the list, check the network in general settings.

cf. General settings





Device Mode (DMX - Art-Net - sACN - Node Art-Net - Node sACN)

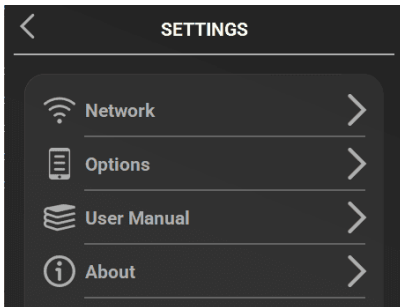


Select device mode :

- **DMX** (default) stand-alone: DMX signal is sent by device's DMX outputs and show plays from the internal memory or from the SD card memory.
- **ARTNET** stand alone: Art-Net signal is sent from the Interface Ethernet port and show plays from the SD card memory only.
- **sACN** stand alone: sACN signal is sent from the interface Ethernet port and show plays from the SD card memory only.
- **NODE ARTNET**: Art-Net signal is received from the interface Ethernet port and converted into DMX signal to the DMX output of the interface. Set universes the device have to listen on each port.
- **NODE sACN**: sACN signal is received from the interface Ethernet port and converted into DMX signal to the DMX outputs of the interface. Set universes the device have to listen on each port.

Then confirm to reboot  and refresh device list 
The device must reboot to run the new mode.

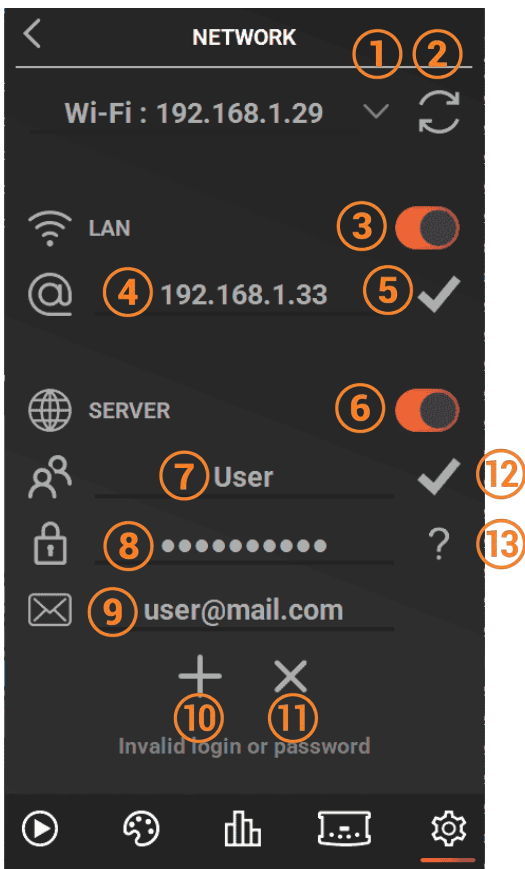
General Settings



Network communication and internet access

Select the network card

Choose the local network, internet (user account connection required) or both.



- 1- Network card list
- 2- Refresh network card button
- 3- Enables/Disables search on local network
- 4- Enter IP address of the device or software you want to joint directly
- 5- Confirmation button
- 6- Enables/Disables server access

Create a user account and log in

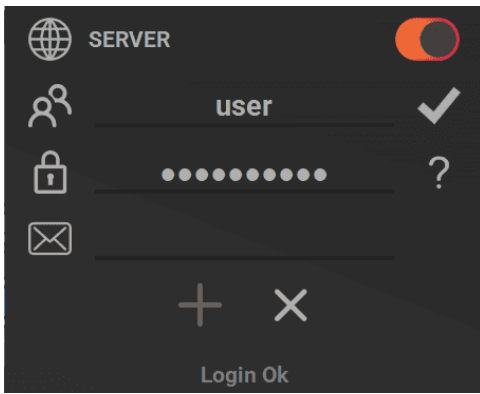
Create an account to use the APP and remote your device with the internet.

Select a local network with internet access

- 7- Enter user Name
- 8- Enter user password
- 9- Enter a valid e-mail
- 10- Create your user account. (confirmation e-mail)
- 11- Delete the user account (confirmation e-mail)
- 12- Log in
- 13- Forgotten password (confirmation e-mail)

To create your user account: enable the server access (6), enter information (7-8-9) : name, password and valid e-mail then add your account (10) or remove it (11).

When creating or adding a new user account, an email of confirmation will be send to the registered email. Validate the confirmation e-mail before adding device to your user account.



If you already have an account, simply register your username and password then confirm.



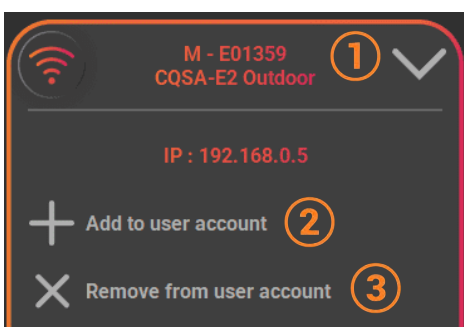
Add your device to your account

Associate a stand-alone device to your account manually to remote it via internet. After creating a user account and be connected to your account, then connect your device and your mobile/tablet with Wi-Light on the same local network with internet access.

You must be logged to your user account to be able to associate the connected device to your account.

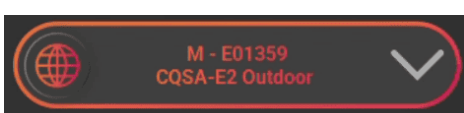


Go to devices list



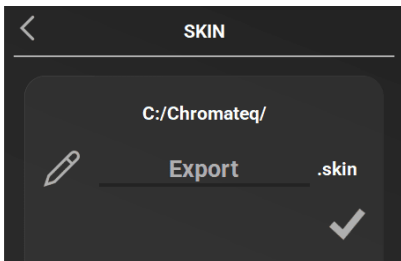
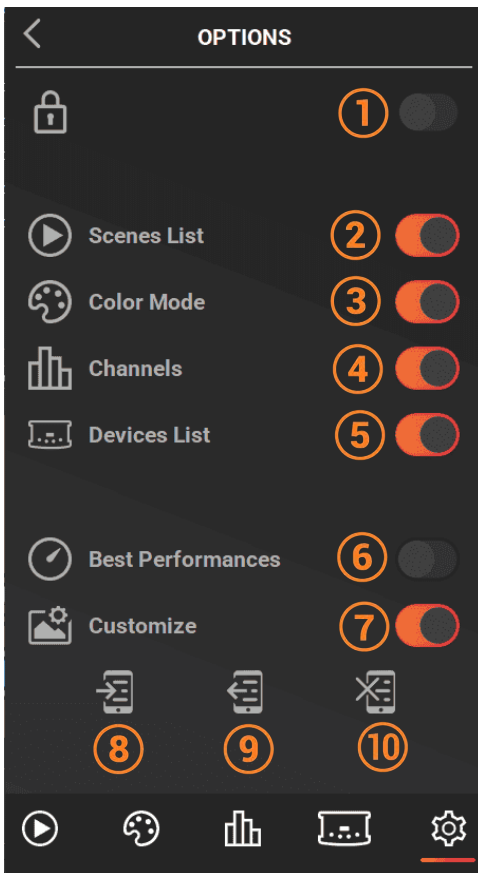
- 1- Select device
- 2- Add it to a user account (cf. Device setting) (confirmation message)
- 3- Or remove from user account (confirmation message)

Refresh if needed



When you connect your mobile/tablet with another internet access point, your device appears with the Internet icon.

Display options



Lock display option with password

1- Choose your password then apply to lock display options and graphic user interface customization

Enables/Disables display

- 2- Enables/Disables Scene List display
- 3- Enables/Disables colour Mode display
- 4- Enables/Disables DMX Channel display
- 5- Enables/Disables Devices List display
- 6- Enables/Disables animations to improve performances
- 7- Enables/Disables graphic user interface customization

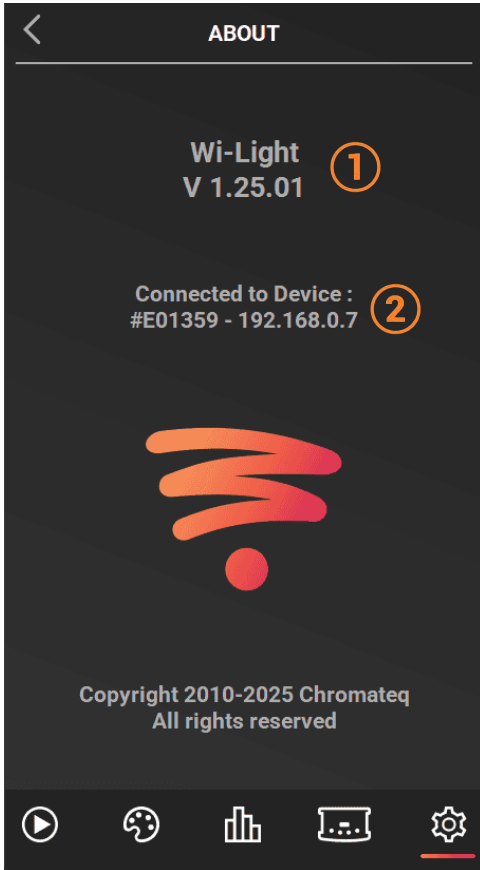
Skin management

- 8- Skin upload
- 9- Skin download: enter field name then confirm to export
- 10- Delete the skin to upload a new one

Manuels

You can access the Wi-Light APP user manual.

About



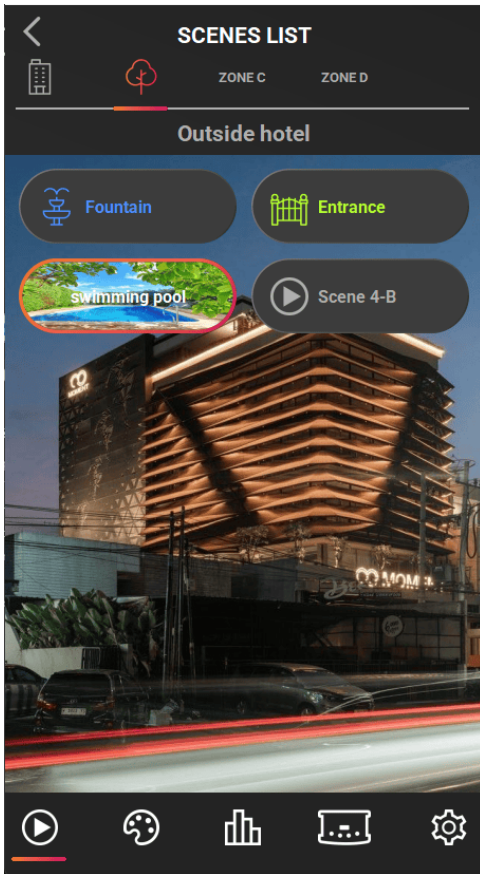
1- Wi-Light version

2- connected device, serial number and IP address

Graphic user interface customization

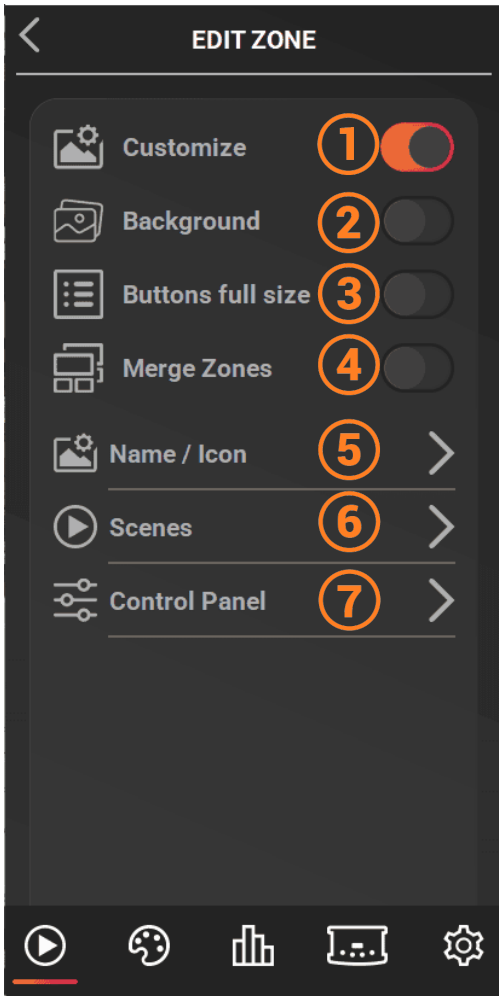
The customization options propose to show or hide elements, modes and buttons or rename or choose an icon for tabs or scene buttons or upload background pictures.

Customize zones and buttons



Customize all zone pages and their scenes to suit your project.

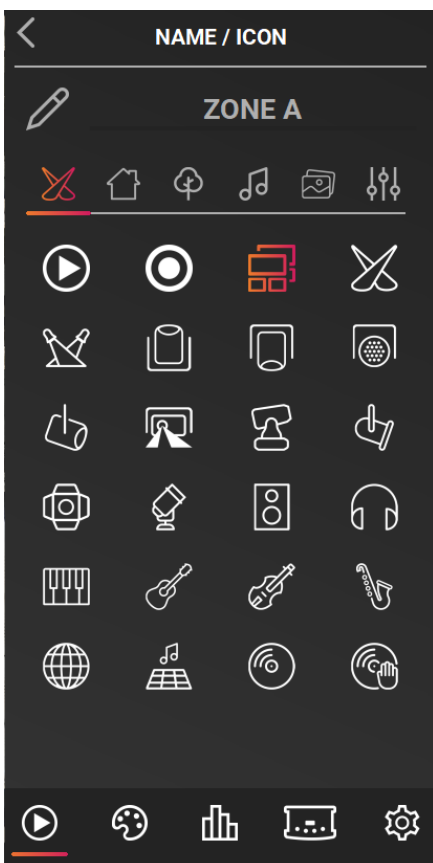
Zone customization menu



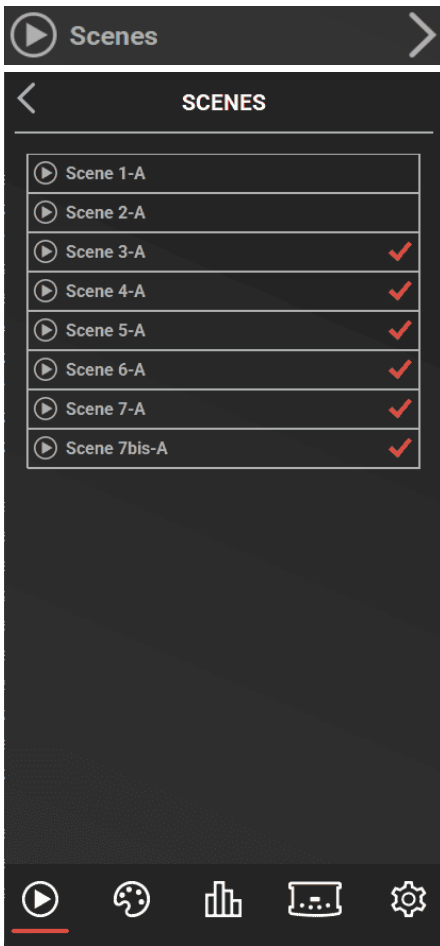
Hold the selected zone tab to edit the menu :



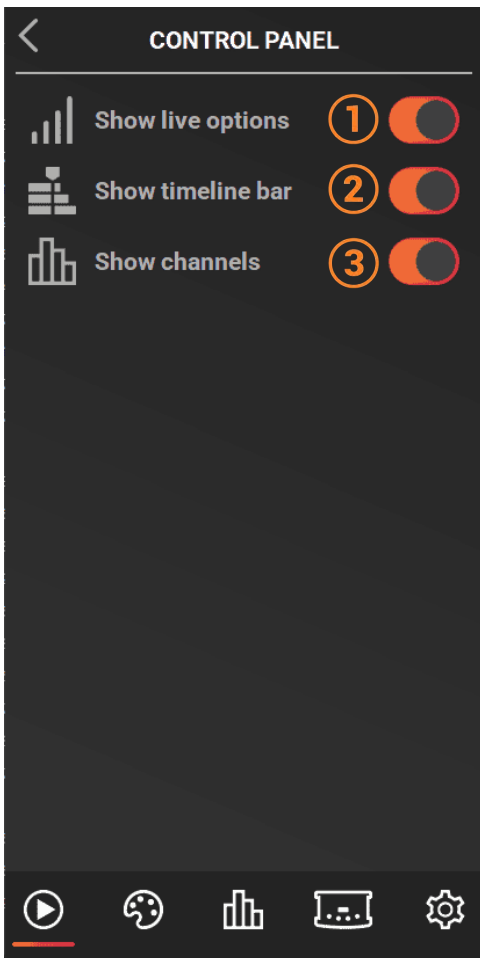
- 1- Enable/Disable the whole graphics customisation display on the page : Background, Name/icon, scene button customization
- 2- Enable/hide upload picture background
- 3- Enable/Disable scene button display in full size
- 4- Enable/Disable zones merge - all scenes list in the same zone
- 5- Name Field / Icon library
- 6- Scene list : display or hide a list of scenes
- 7- Control panel settings to display the control panel content



Name / Icon to access to the rename field and icon library.
Change the name or select an icon from the library.

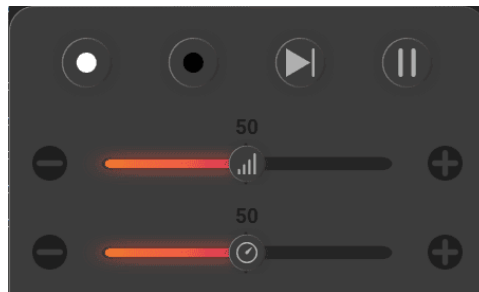


Scene to access to the list of scenes.
 Uncheck to hide a scene button.

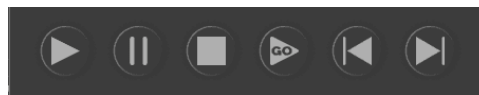


Control Panel to access to the control panel options.
 Enables/Disables cursor types display.

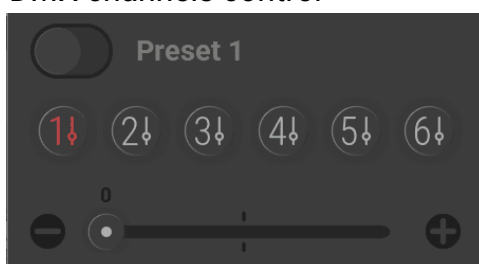
1- Live control



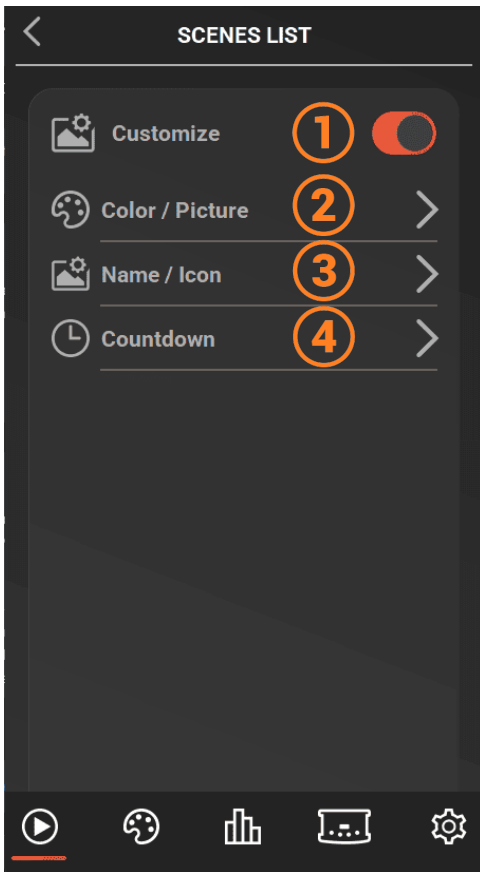
2- Timeline control bar



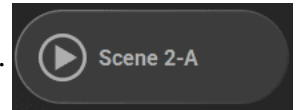
3- DMX channels control



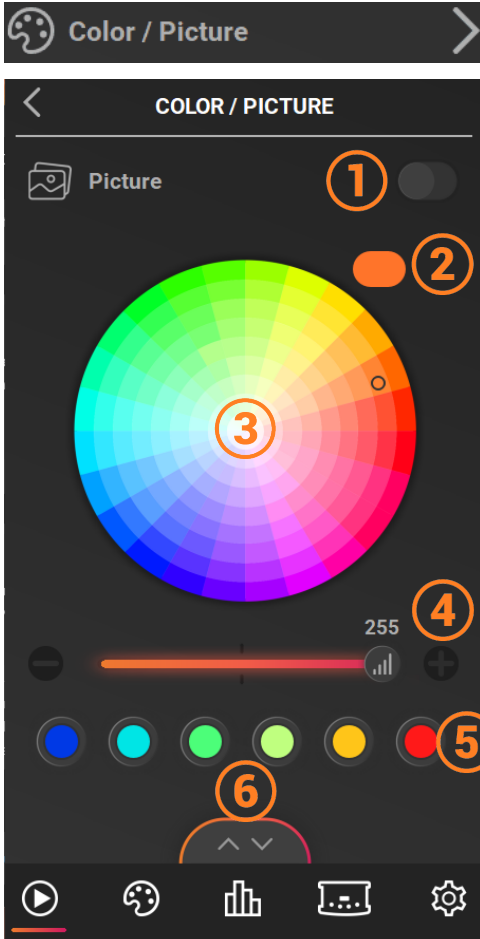
Scene customization menu



Hold the scene button to edit the menu.

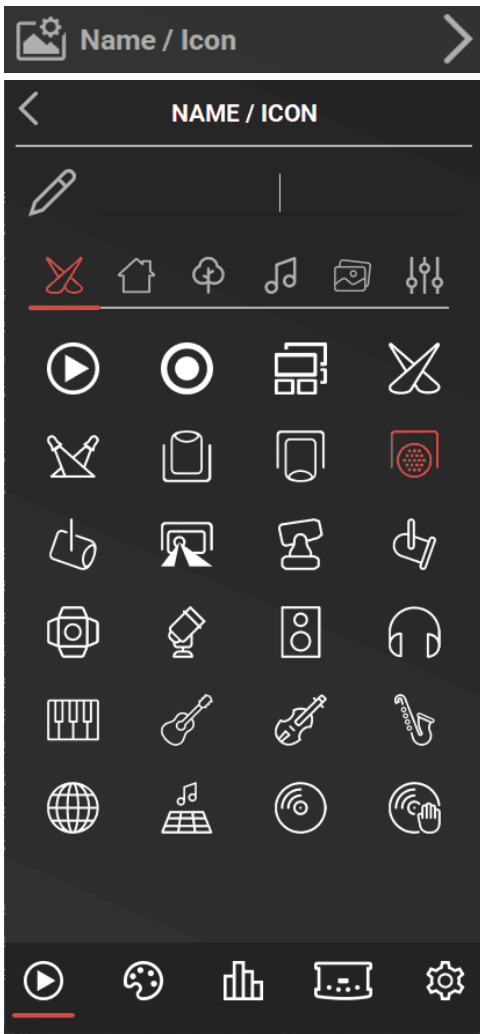


- 1- Enable/Disable scene button customization display
- 2- Upload picture background / Color picker
- 3- Name Field / Icon library
- 4- Countdown option



Choose Colours / Pictures to access to the colour picker and options.

- 1- Upload scene button background picture
- 2- Color viewer
- 3- Color picker
- 4- Dimmer cursor : slide to adjust value or use plus and minus button
- 5- Colors library : Hold to save the color selected in the color picker
- 6- Control panel button (display or hide RGB cursors to adjust color values)

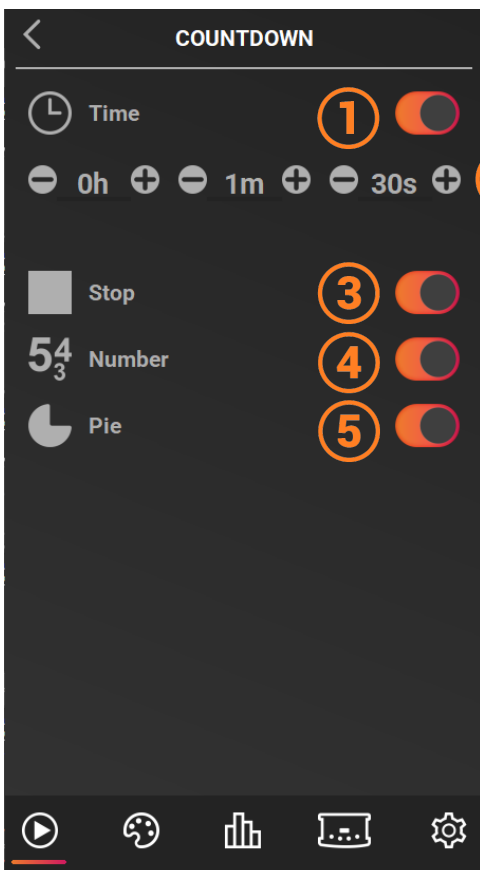


Name / Icon to access to the rename field and icon library.

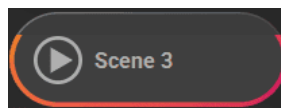
Choose a name or select an icon from the library.



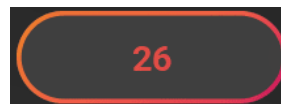
Countdown to customise a countdown timer and stop the scene at the end of the countdown.



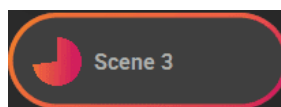
- 1- Enable/Disable the countdown
- 2- Set the timer : Hours:Minutes:Seconds
- 3- Stop the scene at the end of the timer



- 4- Display a countdown from 59s to 0s



- 5- Display a pie chart on the icon

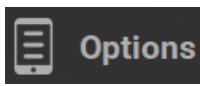


Save or load a user interface customization

Go to general settings page



in display options



- 1- Skin upload
- 2- Skin download: enter field name then confirm to export
- 3- Delete the skin to upload a new one