



Light Stream Running And Customising Light Scenarios User Guide

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Light Stream Running And Customising Light Scenarios User Guide

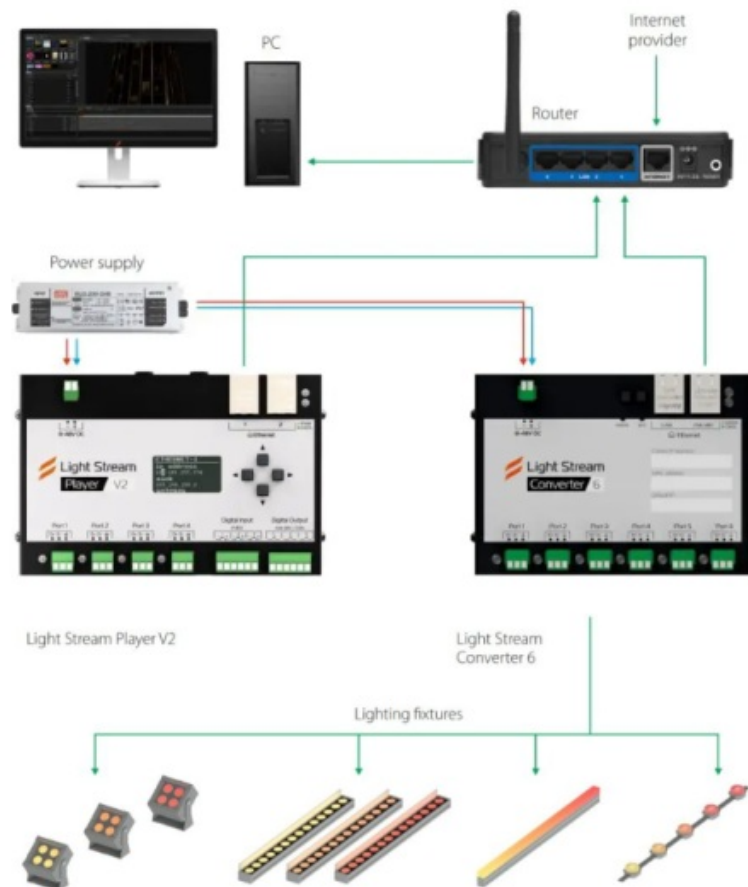


Player V2 Δημιουργία τρεξίματος και προσαρμογής φωτεινών σεναρίων

Εξοπλισμός

• Light Stream Player V2	• Μετατροπέας Light Stream	• Λογισμικό Light Stream
		

Wiring diagram



Authorization

Accessing Light Stream Player

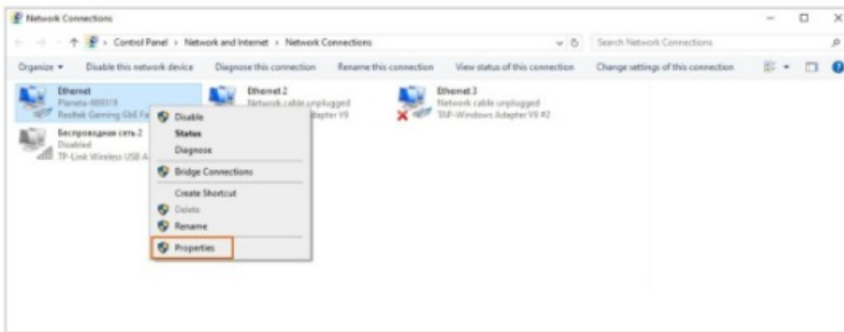
Accessing Light Stream Player is done using a web-browser at a given IP address from a computer, phone or tablet with Internet access.

To connect, the network card and Light Stream Player must be on the same subnet.

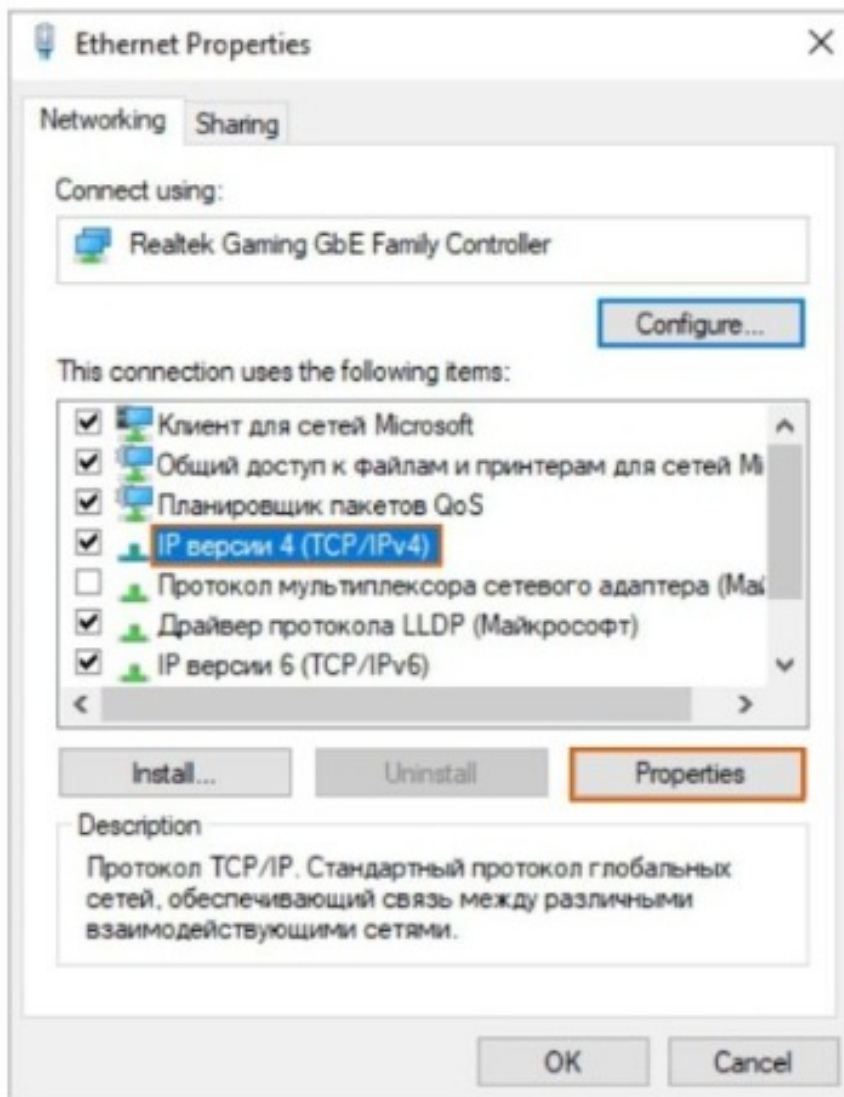
If necessary, change the IP address of the network card.

Example: Windows 10

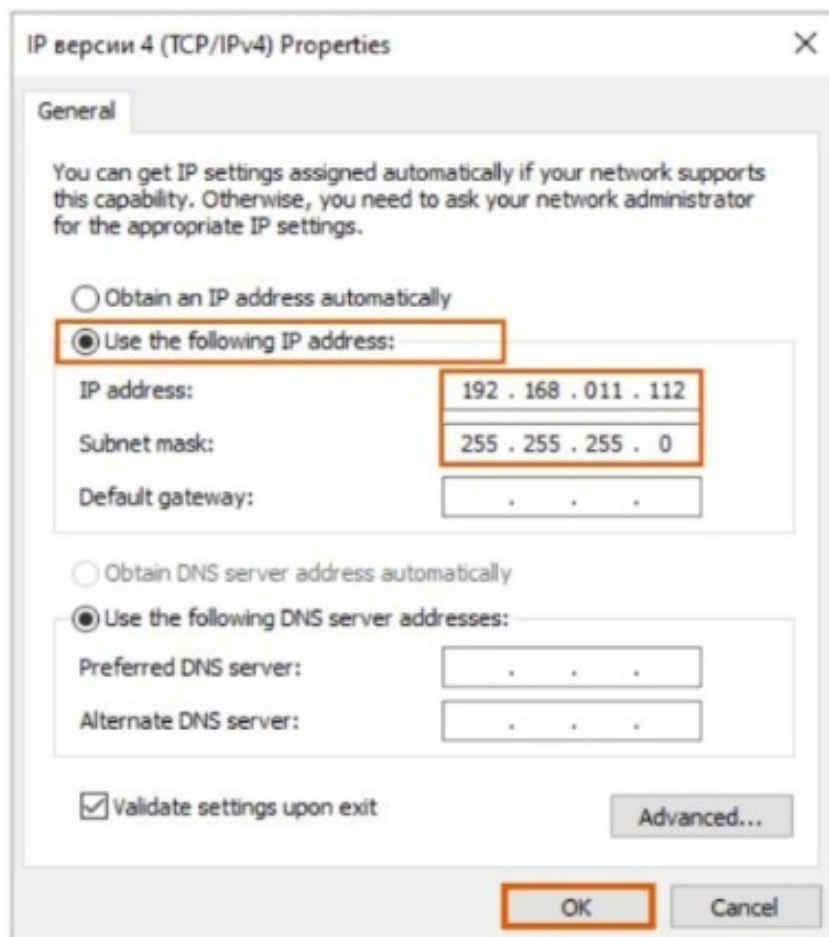
1. Go to Network Connections (Control Panel/Network and Internet/Network Connections)
Select an active network connection, right-click (right mouse button) and select Properties.



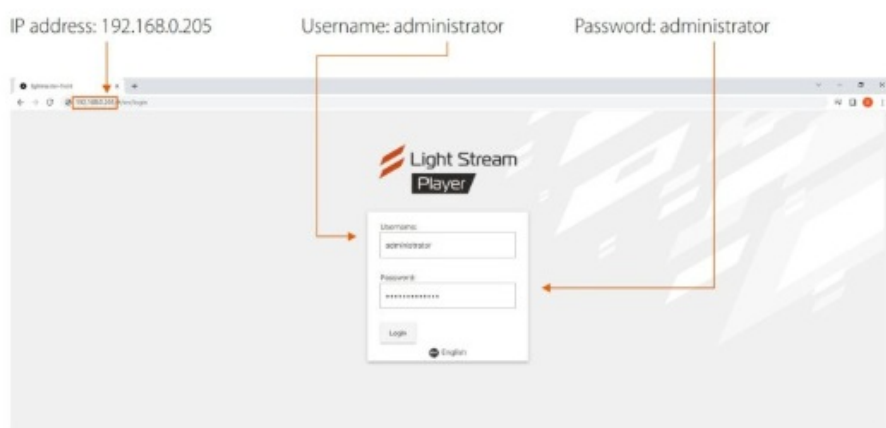
2. Next IP version 4 (TCP/IPv4) -> Properties.



3. Since the Light Stream Player has a default
IP Address: 192.168.0.205
For example, leIP Address: 192.168.0.112
This address must be unique and must not be repeated with other devices on the network.
Subnet Mask: 255.255.255.255.0



Then, go to your web browser and enter the following parameters.
Default access credentials:



You are now in the Light Stream Player interface.

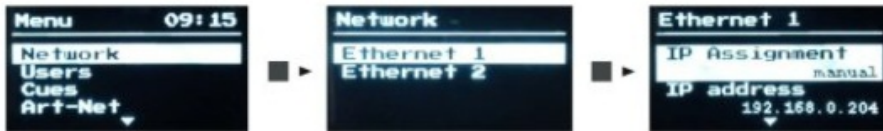
Next, it is necessary to change the network parameters of the Light Stream Player to complete the configuration.

Change Light Stream Player network parameters

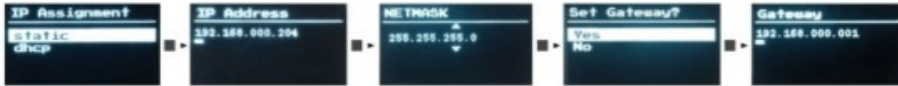
Network settings using the Player V2 menu display and control buttons.

In the Network section, you can view the current parameters:

IP address, mask, gateway and MAC address on Ethernet ports 1 and 2.



To change network settings from any item on the Ethernet 1 or 2 screen, press



Static IP Configuration.

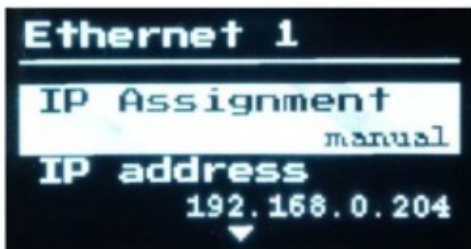
On the IP Address screen, place the cursor on the desired value and change the value using and .

To move to the next NETMASK screen, place the cursor on the rightmost digit and press the button again .

On the NETMASK screen, you can change the network mask using the and buttons .

Then, press the button to move to the Set Gateway screen.

If you need to set the IP gateway, select Yes and specify its IP address.



You will then return to the Ethernet 1 or 2 screen.

It will take another 2-3 seconds to update the network settings.

Retrieve network settings via DHCP.



On the IP Assignment screen, select dhcp and press .

It will take another 2-3 seconds to update the network settings.

Changing the network parameters of the Light Stream Converter

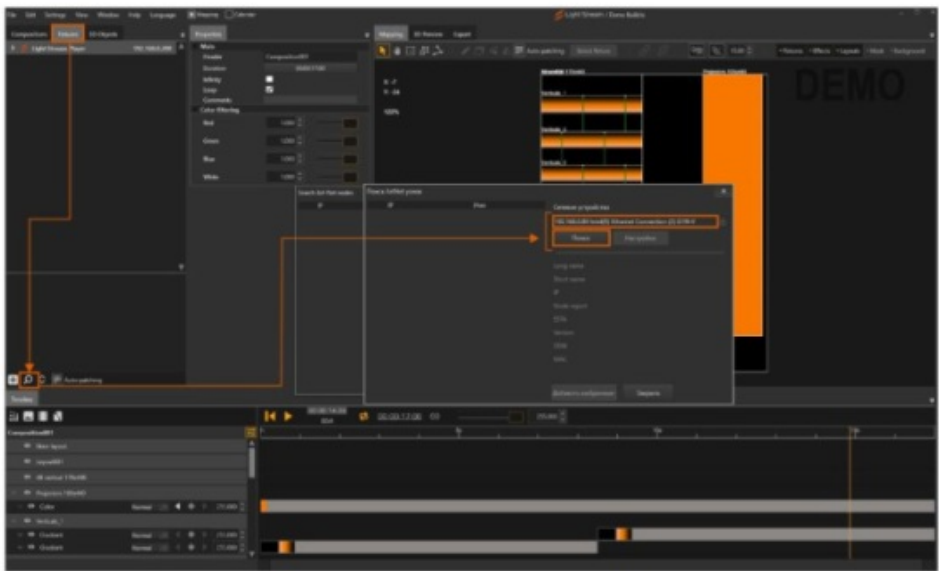
The network card and the Light Stream Converter must be on the same subnet.

If necessary, change the IP address of the network card.

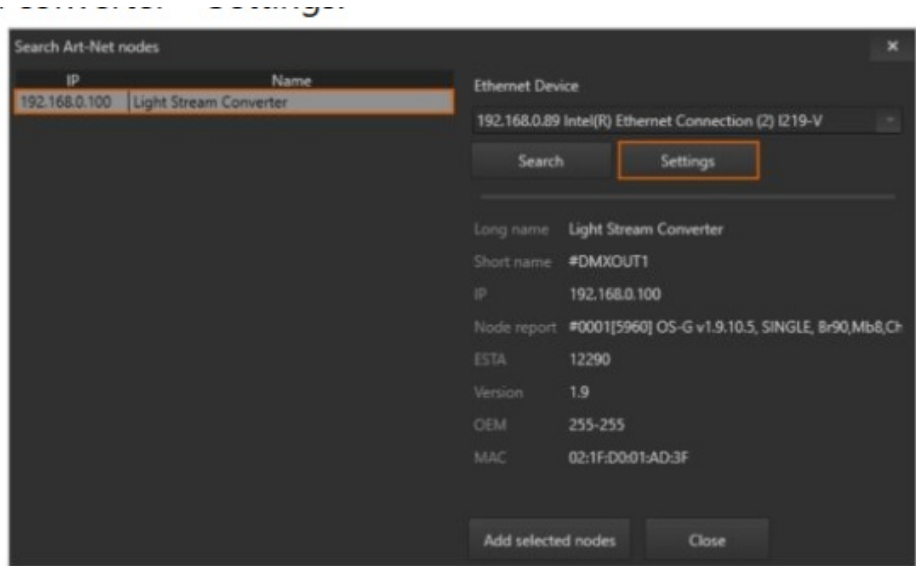
The default IP address and other data are indicated on the device information label.

Go to the Light Stream software and then:

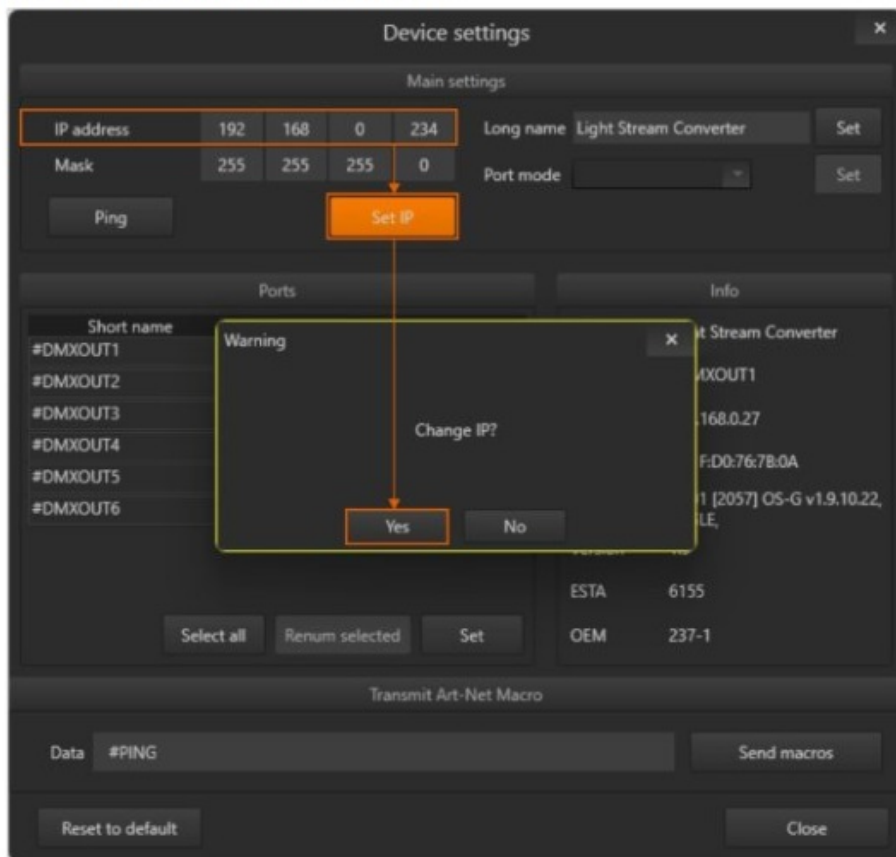
Programs->Search->Ethernet Device->Search



Highlight the found converter->Settings.



Change the IP address to the desired IP address.



Changing the network settings of the Light Stream Converter is complete.

Setting date and time

To configure network settings Go to Settings->Date & Time



This tab contains a field with configuration of date and time settings «Time info» field

Current System Time
current date and time

Timezone

System Time Mode

system clock configuration
(synchronisation via NTP
server or manual setting,
operation from built-in RTC
real-time clock)

Current NTP Server

Time is synced
synchronisation
status

To edit the settings, press the button 

Timezone:

☐ Manual ☒ NTP synchronization

Primary NTP server:

Secondary NTP server:

In the fields that appear, if necessary, select the time zone, enter the addresses of the required NTP servers (primary and secondary), as well as set the date and time manually by selecting the **"Manual"** mode:

☒ Manual ☐ NTP synchronization

System date: 

System time:

After changing the settings, you should press the button 

Caution: These settings may affect the operation of the Programmer mode.

Adding Art-Net devices and universes

Further work will require adding devices and universes.

Go to Settings-> Universe and devices.



New Device

Name:

Network Mode:

ip address:

Port:

Description:

Add devices and universes in two ways:

Method 1: Manually using the Add buttons.

Click Add ArtNet Device

In the Add Devices window, fill in:

- Name – name of the device.
- Network mode -unicast (preferred);
- IP address – network address of the device.
- Port – by default 6454;
- Description – description, e.g. scene number.

Add Universe

number:

ArtNet Device:

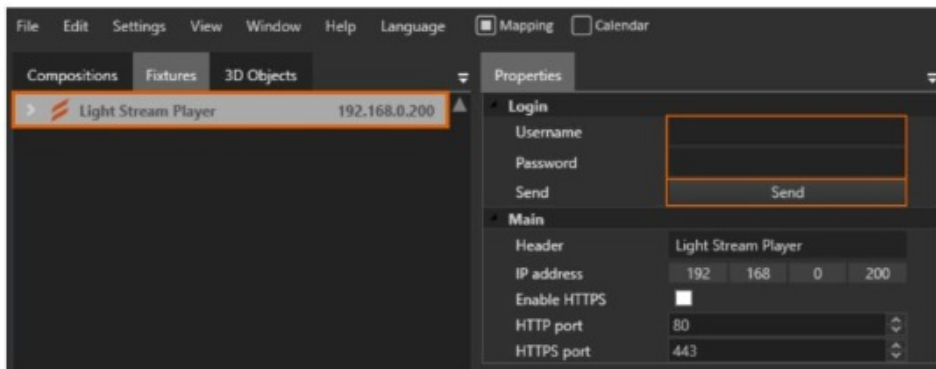
Port address: 0.0.0

To add universes, click Add Universe and in the window that opens, fill in:

- Number – universe number (numbering is end-to-end according to the ArtNet v.4 protocol), in addition, the universe number according to the ArtNet v.3 protocol (Net.Subnet.Universe) is displayed.
- ArtNet Device – select the previously added device.

Method 2: Automatically import from Light Stream software.

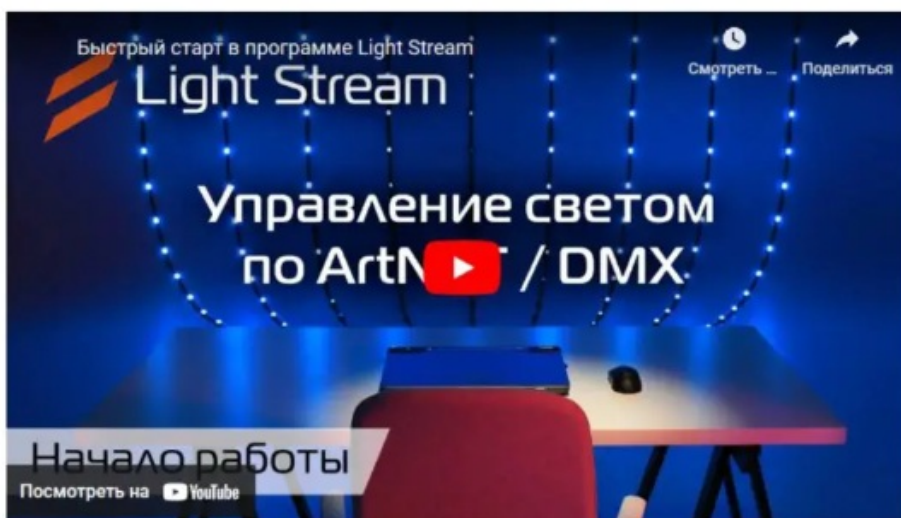
Go to Light Stream, then: Photos-> select Light Stream Player-> enter Username and Password-> click the Submit button.



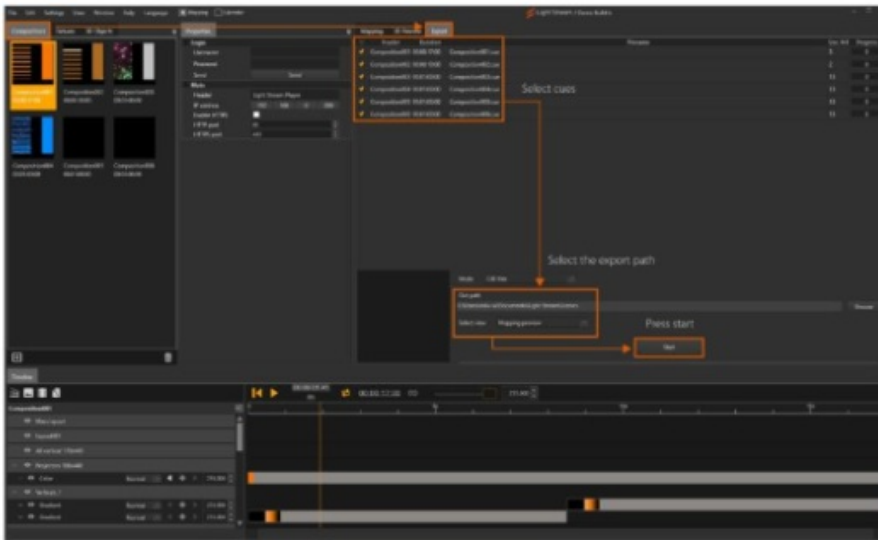
After that, refresh the Light Stream Player web-browser page.
ArtNet devices and universes added.

Creating and loading animations

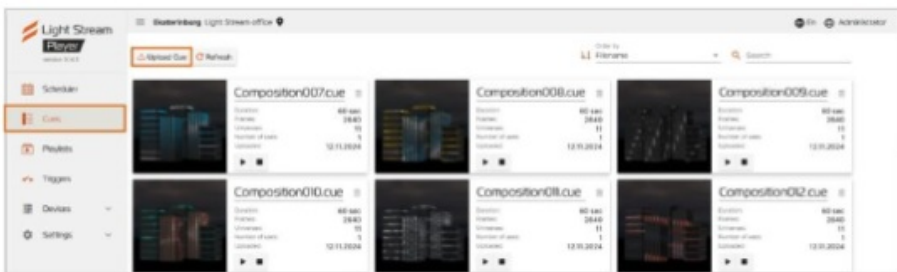
You will need ready-made animations for download, and you can learn how to create them on our YouTube channel (<https://www.youtube.com/@lightstreampro/featured>) and, in particular, in the video (Quick Start in the Light Stream Program) at the link: https://www.youtube.com/watch?v=7yMR_kkpFY&ab_channel=LightStream



Exporting completed animations from Light Stream



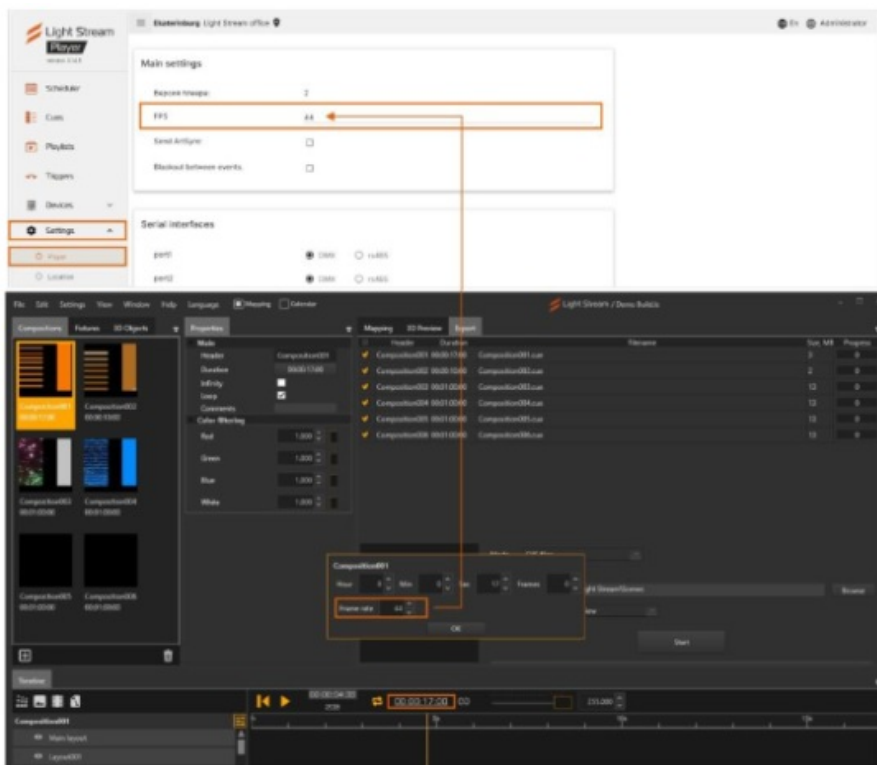
Then go to the web-interface of Light Stream Player and download ready-made animations
Cues tab-> Upload Cue button



Synchronize the frame rate of

animations in the settings of Light Stream Software and Light Stream Player.

Go to the Settings->Player tab, and in the FPS line.set the value equal to the Frame rate parameter (the window pops up when you press the left button during animation in Light Stream software).



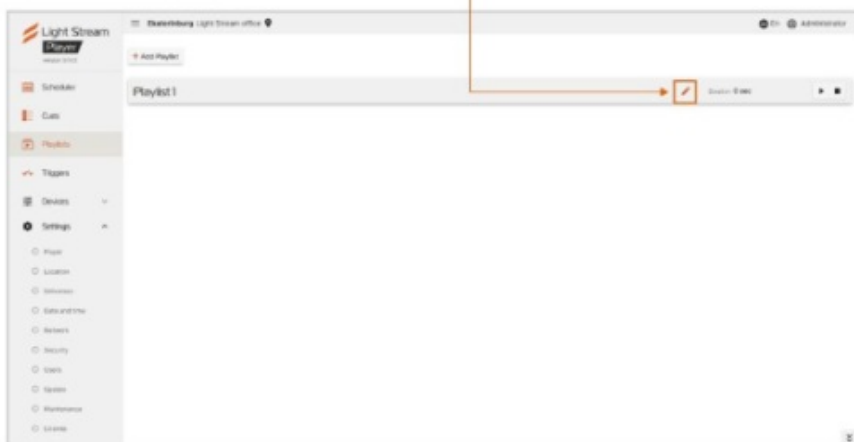
The cartoons have been uploaded.

Create a playlist

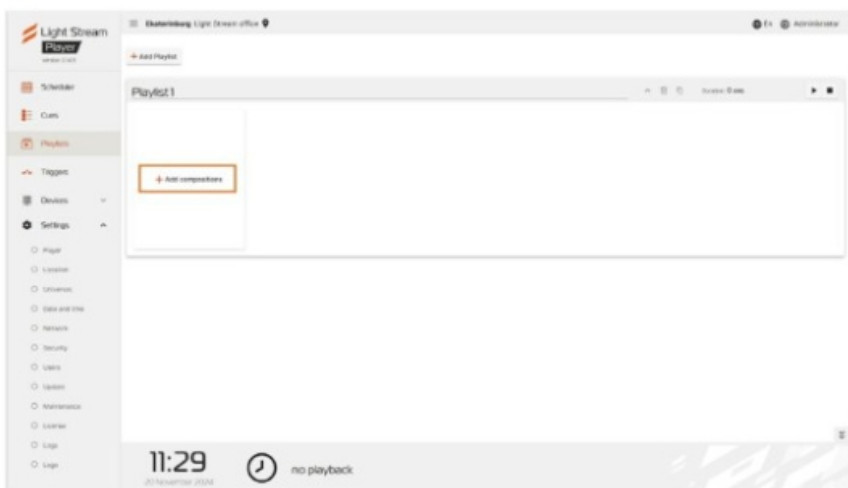
Go to the “Playlists” tab and click “Add Playlist.”



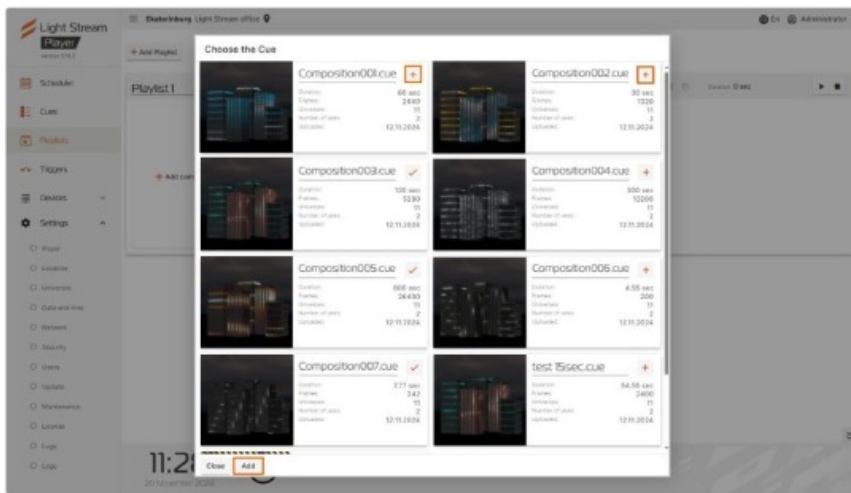
Add animations to playlist



Click Add hint.



Select the animations you want and click Add.



Playlist creation completed

Creating events and scenarios

To create an event, go to the Schedule tab->Event List->Add Event



Assign a title to the event
(Title line)
and select the desired playlist
(Select playlist line).

Then there are two modes to choose from:

On-time is an event scheduled on a specific date and time. Select the date, start time and end time, or tick the All Day checkbox so that the event will be available for 24 hours of the selected date.

Recurrent - recurring event

Select the date, start time and select the recurring event frequency mode event (line Frequency)

Read more about the Repeat function.
There are several ways to select Frequency:

Hourly mode.



Assign a title to the event
(Title line)
and select the desired playlist
(Select playlist line).

Then there are two modes to choose from:

On-time is an event scheduled on a specific date and time. Select the date, start time and end time, or tick the 'All Day' checkbox so that the event will be available for 24 hours of the selected date.

This is a 'New Event' form. It has a title field, a playlist dropdown menu, and a 'Repeat' section with radio buttons for 'On-time' (selected) and 'Recurrent'. Below this are fields for 'From' and 'To' dates and times. The 'From' date is set to 2024-11-20 and the 'To' date is 2024-11-21. There are also 'Cancel' and 'Save' buttons at the bottom right.

Recurrent - recurring event

Select the date, start time and select the recurring event frequency mode event (line Frequency)

This is a 'New Event' form, similar to the one above but with the 'Recurrent' radio button selected. It includes a title field, a playlist dropdown, and a 'Repeat' section. Below the 'Repeat' section, there is a 'Frequency' section with radio buttons for 'YEARLY', 'MONTHLY', 'WEEKLY', 'DAILY' (selected), and 'HOURLY'. There is also a field for 'Every' followed by a dropdown set to 'day'. Below this are 'From' and 'To' date and time fields. The 'From' date is 2024-11-20 and the 'To' date is 2024-11-21. There are also 'Cancel' and 'Save' buttons at the bottom right.

Create a backup copy

To save backup settings or to transfer settings from one player to another, use the Backup function. In the Light Stream Player web-interface, go to the Settings->Maintenance tab.

THE TIME INTERVAL TO SET, GET TRIGGERED:

Frequency:
☐ YEARLY ☐ MONTHLY ☐ WEEKLY ☒ DAILY ☐ HOURLY

Every days

From to minutes

Daily mode.

You can set the time and frequency of operation in days:

Frequency:
☐ YEARLY ☐ MONTHLY ☐ WEEKLY ☒ DAILY ☐ HOURLY

Every day

From to

Weekly mode.

You can set the days of the week and the time at which the created event will be triggered:

Frequency:
☐ YEARLY ☐ MONTHLY ☒ WEEKLY ☐ DAILY ☐ HOURLY

Every week

☐ MON ☐ TUE ☐ WED ☐ THU ☐ FRI ☐ SAT ☐ SUN

From to

Monthly mode – select event operation on a specific day of the month:

Frequency:
☐ YEARLY ☒ MONTHLY ☐ WEEKLY ☐ DAILY ☐ HOURLY

Every month

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11
☐ 12 ☐ 13 ☐ 14 ☐ 15 ☐ 16 ☐ 17 ☐ 18 ☐ 19 ☐ 20 ☐ 21 ☐ 22
☐ 23 ☐ 24 ☐ 25 ☐ 26 ☐ 27 ☐ 28 ☐ 29 ☐ 30 ☐ 31

From to

Yearly mode – select a specific day of the year for the event to run:

Frequency:
☒ YEARLY ☐ MONTHLY ☐ WEEKLY ☐ DAILY ☐ HOURLY

Every year

at on

From to

For each of the Frequency modes, you can set the "When is the end?" option, which means when the event should end.

Never

When is the end?
☐ date ☐ repetitions ☒ never

Selecting the number of repetitions.

When is the end?
☐ date ☒ repetitions ☐ never

Repetitions:

A specific end date.

When is the end?
☒ date ☐ repetitions ☐ never

End Date: End Time:

The Every days option means the repetition interval in days. If you set it to 2, then the event will repeat every other day.




To create a backup, click the **Create Backup** button.

To download the backup, click **Restore**.

Congratulations!

The basic settings are done!

Documents / Resources

	<p>Light Stream Running And Customising Light Scenarios [pdf] User Guide V1, V1, EN.v0.14.5, Running And Customising Light Scenarios, Customising Light Scenarios, Light Scenarios</p>
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References

-  [Light Stream — Software and controllers for dynamic lighting control](#)
- [User Manual](#)

[Manuals](#), [Privacy Policy](#)

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