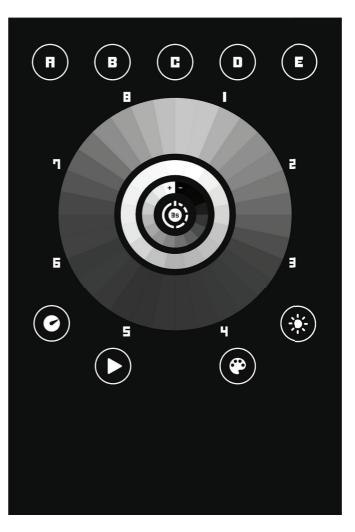
# eurolite® TOUCH 512 Stand-alone Player



**User Manual** 

## eurolite®

Wall-mounted DMX Lighting Controller

No. 51860151

www.eurolite.de

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## Introduction



Welcome to Eurolite! Thank you for choosing one of our products. Eurolite is your connection to the world of show with an unparalleled variety of products, both for professionals and beginners.

If you follow the instructions given in this manual, we are sure that you will enjoy this product for a long period of time. This user manual will show you how to install, set up and operate your new Eurolite product.

Users of this product are recommended to carefully read all warnings in order to protect yourself and others from damage. Please keep this manual for future needs and pass it on to further owners.

This touch panel is compatible with various software solutions yet is optimized for Pro Control DMX 2. It is designed for fixed indoor installations, or deployed individually without a computer as a stand-alone, elegant, simple but sophisticated control solution. An SD card offers the ability to expand memory capacity.



For product updates, documentation, software and support please visit www.eurolite.de. You can find the latest version of this user manual in the product's download section.

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## **Technical features**

Connectors	USB-C, Screw terminal and RJ45 (External contact,
	Master/Slave, Infrared, Light Sensor)
DMX lines	512 channels (8-bit and 16-bit)
Internal memory	yes, 4 MB (no SD card required)
Internal memory capacity	20000 steps with 16 hp., 6000 steps with 512 hp., 3000
	steps with 1024 hp.
External memory	Micro SD card (accepts FAT, FAT 32, Class 10 SD card up to
	256 GB)
CPU	32-bit processor
Power supply	5V to 24V DC, 0.2A/5V via USB-C
Power / Consumption	0.3 ~ 0.5 W
IP rating	IP40
Dimensions (mm)	144 x 13 x 98 mm
Net weight (device)	0.2 kgs (0.44 lbs)
Gross weight (full cost)	0.3 Kgs (0.66 lbs)
High voltage protection	Yes, fuses and diodes
Case	ABS glass panel
Environment of use	Interior
Storage	Store dry
Temperature of use	- 40 to +85 C°
Certifications	CE, RoHS
Compatibility of systems	Windows (7 and higher), MAC OS X (10.13 and higher) and
	Linux (64 Bits, Debian, Redhat, Archlinux, Raspberry Pi)
Clock in real time - RTC	Time and calendar triggering
Touch buttons	8 scenes, 5 zones (1024), 4 modes, 1 on/off
Touch control wheel	yes (color, CTC, dimmer intensity, speed, scenes)
External contacts	4 (15 maximum)
Master/Slave synchro	Yes, 32 max per wiring

Product design and specifications are subject to change without prior notice.

#### Notes on Recommended Specifications for SD cards:

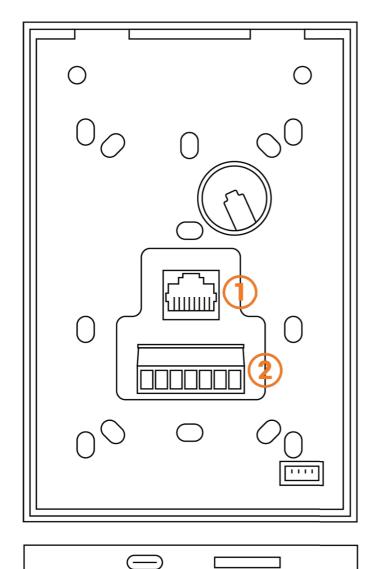
The class of the SD card indicates its read/write speed. Higher class numbers (for example, Class 10) offer faster speed and better compatibility.

Class 6 or higher micro SD cards are preferable for optimal system performance. Older Class 2 and 4 SD cards may not work.

Prefer Class 10 micro SD cards for mobile phones.

## Connectors and operation panel

### Rear panel





- 87654321
- 1- Rj45 pinout:
- 1. GND
- 2. 5V DC Output For triggers
- 3-6. TRIG A, B, C, D Dry Contact pins
- 7. M/S DATA Master/Slave Data
- 8. M/S CLK Master/Slave Clock

Π	Π	Π	Π	Π	

- 1 2 3 4 5 6 7
- 2 7-pin terminal block
- 1. DMX1-
- 2. DMX1+
- 3. GND (DMX 1+2)
- 4. DMX2-
- 5. DMX2+
- 6. GND (Power Input)
- 7. DC Power Input (VCC, 5-24V / (0.1A)
- **3 USB-C Connector** (5V DC input)
- 4 Micro SD Port

### **Operation panel**

Page selection Tap to select Pages individually

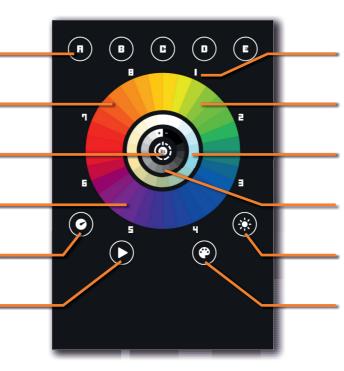
Tactile Wheel Picker & Dial Active zone to choose a scene, adjust color temperature or intensity (+/-) or speed (+/-)

On / Off Tap to cancel wheel settings Hold 3 seconds for Black Out

Scene Speed Dial the wheel to adjust scene playback speed (+/-)

Speed Mode Activation Use the wheel to change the current scene speed (Active for 5 seconds)

Scene Mode Activation Use the wheel to start or stop the selected scene



Scene selection (1-8) 8 scenes per Page

Color wheel Pick RGB - Amber - White color for the selected page

Color temperature Pick cool to warm white for the selected page

Dimmer intensity Dial the wheel to adjust light intensity (+/-)

Dimmer or saturation mode Use the wheel to adjust brightness for the page (active for 5 seconds) Hold 3 seconds to enter saturation mode

Color or CCT mode activation Use the wheel to pick RGB - Amber - White color Hold 3 seconds to enter cool/warm white mode

### Software installation

Download the software in the product's download section (www.eurolite.de > product page). Start the installation program and follow the on-screen instructions.



Check all boxes as shown above.

### USB drivers installation

Install USB drivers to communicate with the device and change settings. Installation of USB drivers is required only for Windows at the end of installation. Drivers for Mac and Linux systems are installed automatically.

#### **USB drivers verification:**

In the Windows Device Manager. Check that the device icon is visible in "USB Bus Controllers".

USB Controller
DMX512 Stand Alone Device

If drivers are not installed, the Windows Device Manager lists a device with a yellow warning. On Mac OS, simply check the USB device tree to view "DMX 512 Stand Alone Device". On Linux, use the "Isusb" command to view "DMX 512 Stand Alone Device" as a list.

#### After control software installation and USB drivers

- Connect the device with the USB cable.
- Start the DEVICETOOL or the software and select "Open USB Device" or "USB" to check the success of drivers installation.

## Stand-alone mode settings



Start by creating scenes for your fixtures in the edit panel of the control software, then select stand-alone mode and configure the device according to the available options. Then select and configure the triggers of scenes to be written in memory.

Device	configu	iration
--------	---------	---------

### **IN/OUT** tab

Select a DMX input/Output configuration of the device from the drop-down menu.

💮 In / Out Config	Clock	ộ Options	Master / S	Slave -	Commands	Zones	
	In / Out Config :	A Out		-	Merge Dm	x In / Dmx Out	?
	DMX A :	A Out AB Out A Out / D In					
	DMX B :	ABC Out ABCD Out AB Out / D In					
	DMX C :	ABC Out / D In			ļ		
	DMX D :	C	hannels :				
	ArtNet / sACN :	U1 -	<===> l	J2 -			

Available configurations will be displayed depending on the connected device.

- **A OUT** Assigns 1 output universe on the DMX line(s), for devices that have more than 1 DMX lines duplicate the universe on each.
- **AB OUT** Assigns 1 different output universe on 2 DMX lines, for devices that have 4 DMX lines duplicates the first 2 lines on the next 2 lines.
- A OUT/B or D IN Assigns 1 output universe on the first line(s) and uses the last DMX line as DMX input.
- **ABC OUT -** Assigns 1 different universe output on the first 3 DMX lines.
- **ABCD OUT** Assigns 1 different universe output on 4 DMX lines.
- **AB OUT / D IN -** Assigns 1 different output universe on the first 2 lines and uses the last DMX line as DMX input.
- ABC OUT / D IN Assigns 1 different output universe on the first 3 lines and uses the last DMX line as DMX input.

#### "Merge DMX In / DMX Out" option

#### Available with devices with more than 2 or 4 DMX lines.

Enable the option to re-inject line configured as an input (IN) to the line(s) configured in DMX outputs and thus merge them.

The merged DMX levels are compared and the highest is retained. We are talking about HTP (Highest Takes Priority).

Maintain manual control on some circuits with an external DMX console.

Create a multi-zone system by merging several cascading devices to obtain only one common DMX line.

💮 In / Out Config	Clock	ộ Options	Master	/ Slave	Commands	Zones	
	In / Out Config :	ABCD Out			- Merge Dm	x In / Dmx Out	?
	DMX A :	U1 -	Channels :	512			_
	DMX B :	U1 -	Channels :	512			
	DMX C :	U2 🔻	Channels :	192			
	DMX D :	U3 🔻	Channels :	64			
	ArtNet / sACN :	U1 -	<===>	U2			

Assign any universe of the software to any DMX line assigned to output, choosing line by line (U1...).

Optimize the size of shows saved in memory by reducing the number of circuits per universe depending on the channels used.

**Example:** If 150 channels are used in the show, select only the nearest higher value, here 192.

Art-Net/sACN universe range:

Define the starting universe and the finish universe to write in memory on an external SD card for an Art-Net/sACN show.

Cf: "Saving Art-Net or sACN to an external SD card"

### **Clock tab**



Set up the selected device's internal clock.

- 1-Refreshes the device's current time display
- 2-Update the time after changing the hours/minutes/second fields.
- **3-**Calibrate the compensation time according to the observed deviation.

4-Update the date.

5-Sync the date and time of the device with that of the computer.

- 6-Check to take into account the change of summer/winter time
- 7-Select the days of change of summer/winter time

### **Options tab**

ⓒ In / Out Config ① Clock 원	Coptions 🗌 Ma	ster / Slave 🛛 –′ – C	ommands 🗍 Zones
Turn off LED di	splay after 4s	Ð	Select Dimmer channels
Trigger delay (Bour	nce): 500 ms	Ð	Scroll time : +1 🔹 🥐
?	Default start scene	Dimmer (DMX In)	Direct DMX levels (0-255)
Zone A :	Scène 1 🔹	-	
Zone B :		•	
Zone C :	•	•	
Zone D :	•	•	
Zone E :		•	

For devices with an LED display, turn it off after 4 seconds of inactivity by checking the option.

Select a default scene to play automatically after the device is turned on (with USB or external power supply). For multi-zones devices it is possible to set a default scene for each area.

**Note:** The selected default start scene loses its priority if another scene uses the "Restore if power off" option.

Cf: "Advanced trigger options"

Configure the "Select Dimmer channels" option to select separately the Dimmer or RGBW light intensity channels that will be controlled directly by Dimmer mode, dry contacts or via the infrared remote control.

																																-			
					8		8				12				18						22	23	24	25	26	27	28	29	30		32	$\odot$	Unive	ers	
33	34		36		38	39	40	41	42	43	44	45	46	47	48	49	50		52	53	54	55	56	57	58		60	61	62	63	64		2	3	
65 97	66	67	68	69	100	/1	72	13	14	15	/6	100	78	/9	08	81	82	83	84	85	86	87	88	89	90	91	92	93	94 128	95 127	96 128		Ľ	_	-
97  29	100	101	100	101	102	103	104	105	138	107	100	109	110 142	111	112	113	114	115	116	140	150	151	152	153	122	123	124	120	120	127	120	5	6	7	8
161	182	163	184	185	188	167	188	169	170	171	172	173	174	145	178	140	140	179	180	149	182	183	184	185	198	187	198	190	190	191	192	9	10	11	12
93	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223					
25	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	248	247	248	249	250	251	252	253	254	255	256	13	14	15	16
57	258	259	280	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	17	18	19	20
89	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	21	22	23	24
21	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	348	347	348	349	350	351	352	21	<u> </u>	20	-
53	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	25	26	27	28
85	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410		412		414	415	416	29	30	31	32
	418	419	420	421	422	423	424	425	428	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	448	447	448				
49	450	451	452	453	454	455	458	457	458	459	460	461	462	463	464	465	466	487	468	469	470		472	473	474	475	476	477	478	479	480		1		
81	482	483	484	485	486	487	488	489	490	491	492	493	494	495	498	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512				
																	_																		
						Se	elect	Dimm	er cha	annels	s														Sele	ct RG	BW d	hann	els						
																																		1	~

### Master/Slave tab

💮 In / Out Config	Cloc	k හි Options	Master / Slave	Commands	Zones	
	Mode :	Master	- (?)	Default	t	
		No Release			thronized ?	
		Ethernet Master	/ Slave			

Connect multiple devices into USB so that they are detected by the software.

Use the Master/Slave option to synchronise their stand-alone mode and DMX universe.

When an device is set as a master in the software, the other devices are automatically put in slave mode. There are four different modes of master/slave interaction: By default, desynchronized, LTP, and no release.

#### Master/Slave mode "by default"

A single device is defined as master (lower serial number by default), the others are automatically defined as slaves. The master device plays the current scene and synchronises the slave devices. The master forces slave devices to play the same scene and the same stage step simultaneously. Slave devices are forced to track the timings and triggers of the master and they cannot act otherwise, play or trigger a scene independently. The master can trigger and stop scenes from slave devices.

#### "Desynchronized" Master/Slave mode

One device is defined as master, the others are automatically defined as slaves. All master device triggers are transmitted to slaves. However, slave devices are not synchronised with the master device synchronisation signal and retain individual control. Therefore, slaves can trigger and play different scenes at any time and not synchronised perfectly with those of the master. The master acts as a general remote control imposing the trigger on slaves with total priority. The master can trigger ON and OFF scenes from the slave device.

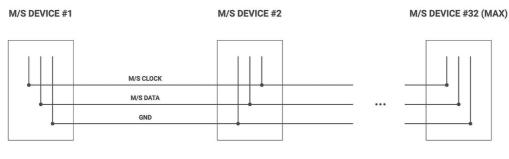
#### Master/Slave mode "LTP"

LTP means "Latest Takes Priority / The latter has Priority".All devices are defined as slaves.The devices are not synchronised with timing and can trigger and play different scenes by themselves.However, device triggers are automatically transmitted to other connected devices and slave devices are forced to trigger the same scene.In this mode, each device acts as a general remote control imposing triggering on other slaves without synchronisation.

#### Master/Slave mode "No release"

This option is only available with LTP or DESYNCHRONIZED modes.Only ON triggers of the master device are executed and functional. All OFF triggers are ignored and slave devices continue to play their current scene. Each slave device can choose whether or not to release its scene depending on whether the option is enabled or not.

#### Cf: "Wiring diagram for Master/Slave installation"



TRIGGER CONTROL

#### **Commands tab**

Assign external contacts, among those available for your device, to trigger some standalone mode commands: Dimmer +, Dimmer -, Blackout, Speed +, Speed -, Pause, Scene +, Scene - and Zone.

**Note:** Be careful not to use the same command trigger as the one used for a scene and vice versa. Cf: *"Choice of triggers by external contacts"* 

Use 2 types of Short/Hold contact and thus assign an identical contact to 2 different commands. (here as an example with the Dimmer +; Dimmer -)

💮 In / Out	Config	٥O	lock [ හි	Options		Master / Slave	Comma	ands 📃 Z	ones	
									Short	Hold
Stop :			Pause :		•	Blackout :	-	Dimmer +:	04-C/T3 🔻	
Zone A :	01 - A / T	. •	Zone C :	03	•	Zone E :	•	Dimmer - :	-	04-C/T3 🔻
Zone B :	02 - B / T2		Zone D :		•	Zone G :	*	Speed + :	-	
Scene + :	06		Scene - :	07	•			Speed - :	-	
Zone +:			Zone - :	01-A/T1 02-B/T2				Color +:	-	
				03 04 - C / T3 05				Color - :		
				06 07				CCT +:	-	-
				08 - D / T4 09	-			CCT - :	<b>•</b>	-

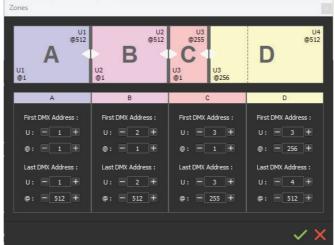
#### Zones tab

The multi-zone option allows you to play multiple scenes simultaneously in defined areas.

💮 In / Out Config	Clock	② Options	M	aster / Slave	Commands	Zones	
	U1 @512	U2 @256	U2 @384				U4 @512
A		В	С			D	
U1 @1		U2 @1	U2 @257	U2 @385			

Double-click to switch to edit mode.

Set the area settings manually, moving the center bar or digitally choosing the range of the area in the fields.



Note: Verify that the addresses of DMX patches and devices match the defined areas.

### Configuring the stand-alone modes of the device



In the "Device" tab enable or disable the standalone modes of the device by clicking on the icons of its schematic representation.

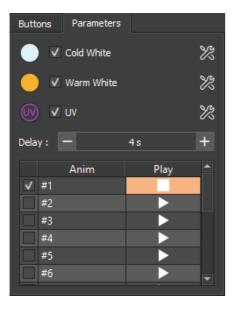


The icon is selected when it appears in blue.

**Calibration of Cold White, Warm White and UV components.** Select or deselect the cold white, warm white and UV modes to apply these components to the active RGB components according to the selected fusion mode.

Select or deselect warm white and UV modes.

Click on the icon to select their merge mode. Select the light animations of the device, in the setting tab of the right section.



### Scenes selection and configuration

× [	Z ● »)					Device	Triggers	Time triggers	Schedule activation					
	Name	Duration	Properties	Triggers	Zone									
	Scène 1	00m 04s 000	00:00:000 #00	$\bigcirc$	Α									
2 🗸	Scène 2	00m 09s 960	00:00:000 #00	$\bigcirc$	А									
з 🗸	Scène 3	00m 11s 000	00:00:000 #00	$\bigcirc$	А									
4 🗸	Scène 4	00m 02s 000	00:00:000 #00	$\bigcirc$	A		0		RS232	?	0	Restore if power off	?	
5 🗸	Scène 5	00m 02s 000	00:00:000	$\bigcirc$	A								$\sim$	
6 🗸	Scène 6	00m 02s 000	00:00:000 #00	0	A		11.							
7 🗸	Scène 7	00m 02s 000	00:00:000 #00	$\bigcirc$	A		))					Play in priority	?	
8 🗸		00m 03s 000	00:00:000 #00	<u>_</u>	A									
9 🗸		00m 03s 000	00:00:000 #00	<u> </u>	В					. (?	0			
10 🗸		00m 02s 400	00:00:000 #00	<u> </u>	C					_				
11 🗸	Scène 4	00m 09s 960	00:00:000 #00	$\bigcirc$	D									
							$\odot$			-				
						┣ ►	<b>"</b>			19				ि मे
							ᇩ			- 1	/0			᠋᠁ᢅ

Check to select the scenes to write in memory and assign triggers from those available by your device.

### **Choice of triggers**

In the "Triggers" tab, select and assign different types of triggers.

Device	Triggers	Time triggers	Schedule activation	1			
	0		RS232		?	Restore if power off	?
	))					Play in priority	?
	_/_				?		
					Ċ		
	$\mathbf{\bullet}$						
	$\sim$						

Triggers by buttons in the "Device" tab

Assign physical buttons to scenes using the schematic representation of the device in the "Device" tab.

×Ε	Z 💿 ») 🖉					Device	Triggers	Time triggers	Schedule activation			
	Name	Duration	Properties	Triggers	Zone							
1 🗸	Scène 1	00m 04s 000	00:00:000 <b>#</b> oo		A			0			Buttons	Parameters
2 🗸	Scène 2	00m 09s 960	00:00:000 #00		A		((A))	((B)) (	(C) (D)	(E)	1	Scène 1
3 🗸	Scène 3	00m 11s 000	00:00:000 #00		A							scene 1
4 🗸	Scène 4	00m 02s 000	00:00:000 #00		A						2	Scène 2
5 🗸	Scène 5	00m 02s 000	00:00:000 #00		A				) (1)			
6 🗸	Scène 6	00m 02s 000	00:00:000 #00		A						3	Scène 3
7 🗸	Scène 7	00m 02s 000	00:00:000		A			7	(2)			
	Scène 8	00m 03s 000	00:00:000 #00	0	A						4	Scène 4
	Scène 2	00m 03s 000	00:00:000 #00		В			6			5	Scène 5
	Scène 3	00m 02s 400	00:00:000 #00		C							
11 🗸	Scène 4	00m 09s 960	00.00:000 #00		D			5	) (4) /		6	Scène 6
								0	0		7	Scène 7
									(@)		8	
												Scène 8

**On:** Activating the contact makes the scene play (the only trigger action is to start the scene). **On/Off:** Activating the contact starts the scene, subsequent activation stops the scene.Each trigger action will reverse the stage state (start/stop).

**Auto Release:** The scene is played only while the contact is enabled. When the contact is released, the scene stops.

**Restart:** If the scene is playing, enabling the contact restarts the scene from its beginning. If the scene is not being played, it will start. External contact reaction time: 8 ms (0.008 s) / time between 2 contacts: 500 ms (0.5 s)

If something plays: Play the selected scene if a scene is already played.

If nothing plays: Play the selected scene if nothing plays.

These two interdependent options allow the same contact to be assigned to two different scenes.

**Note:** Be careful not to use the same scene trigger as the one used for a command and vice versa. Cf: "Order tab"

The last assigned contact will take precedence over the other.

Automatically assign external contacts to all scenes in the list by clicking the external contact icon on the scene list toolbar.



#### Triggers by DMX-IN

255 trigger channels and up to 255 levels per channel are available.

Select a scene from the list and assign it a channel number associated with a trigger level.A trigger level corresponds to the threshold above which the scene is triggered.



**Note:** To configure triggers in DMX-IN, one of the DMX lines must be Select as input in the "IN/OUT Config tab."

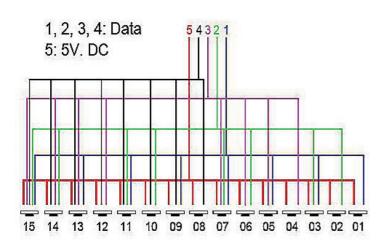
After checking the scenes to write in memory, drag and drop the scenes from the list on the right to the list on the left based on their respective area or page.

Automatically assign buttons to all scenes in the list according to their area, by clicking on the "button" icon on the toolbar of the scenes list.

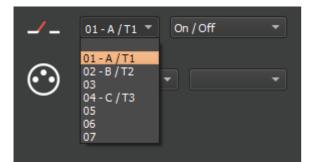


External contacts Trigger:

Depending on the device, several external contacts are available: Trig A, Trig B, Trig C ..., and the Use a multiplexing device to extend the number of contacts when possible.(from 3 to 7; from 4 to 15; from 5 to 31 ...) Contact reaction time, 5ms (0.005s)

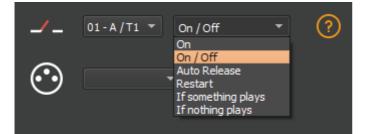


Example of multiplexing system with 4 external contacts extended to 15.



Select a scene from the list and assign it a contact from those available through the device.

#### **Option of triggers**



Select a trigger option from the drop-down menu next to it.

### **Time triggers**

Select a scene from the list and assign it a trigger period.Organize and repeat triggers over the year in specific ways.

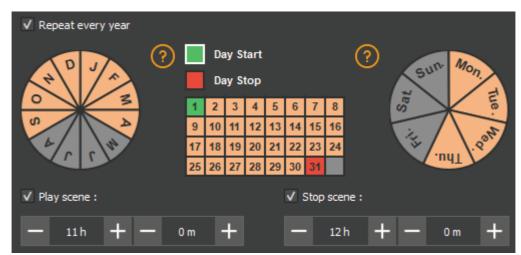
#### Single trigger



Check "Enable trigger" and "disable trigger" to determine a period. Select a date (timetable icon) and time (hour/minutes fields) of trigger activation and then disable trigger.

Without shutdown, the scene will play indefinitely until another event replaces it with another scene triggering or manual shutdown.

#### Permanent trigger



For example above: the scene plays from Monday to Thursdafrom 11am to noon from 1st to 20 of each month, from September to April.

Check "Repeat every year" to set the monthly and then daily triggers.

Select or deselect the months of active triggers in the left wheel. (selection in orange)

After selecting the green square for the start day or the red square for the end day, determine the period of the month during which the trigger will be active.

Select or deselect the days of the week or the trigger will be active in the right wheel. (selection in orange)

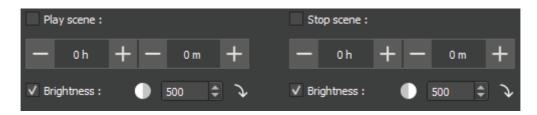
Select a start time and an end time of trigger.

**Note:** For a daily repetition, if the start time is after the end time, the trigger will stop the next day, even if the next day has not been selected.

Light intensity trigger

This option is available for devices with an Infrared kit.

Cf. "Use the remote control"



Check "brightness" to activate or disable the trigger according to the ambient light. Once checked this option cancels and replaces the time trigger.

Click on the icon to determine if the trigger activates or disables during the upward phase (day to night) or downward phase (night to day).

Click the arrow to set a value that corresponds to the light sensitivity and at which the trigger activates or disables.

Using the arrows, adjust the value that fits into the dedicated field.

Priority of hourly trigger

500

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When multiple scenes have the same time trigger (date + hour + minute), only the last scene in the list will be triggered. The others will be ignored when triggering.

### Advanced trigger options.

Device	Triggers	Time triggers	Schedule activation	ı			
	0		RS232		?	✓ Restore if power off	?
	)))					✓ Play in priority	?
					?		
	$\odot$						

By checking this option in the "Triggers" tab, the selected scene takes priority on the boot scene (see "Options tab") when the power supply is restored.

If all scenes have the option checked, the last active scene is replayed.

Play in priority

By checking this option in the "Triggers" tab, the selected scene plays continuously until its end, without taking into account other triggers, except for time triggers and physical buttons on the device.

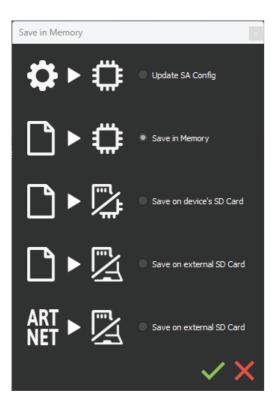
## Save in memory option

Check scenes that need to be saved in memory.

$\times$	☑ ● »)				
	Name	Duration	Properties	Triggers	Zone 📤
1	Scene 1	00m 14s 400	00:05:000 #00		A
2	✓ Scene 3	00m 00s 480	00:03:000 <b>#</b> oo 📃		A
3	V Scène 4	00m 05s 720	00:05:000 #1		A
4	Scene 5	00m 18s 000	00:07:000 #1		A
5	Scene 6	00m 05s 000	00:00:000 #00		A
6	Scene 6_copy_1	00m 05s 000	00:00:000 <b>#</b> oo		Α
7	Scene 6_copy_2	00m 07s 000	00:00:000 #00		A
8	Scene 6_copy_3	00m 07s 000	00:00:000 <b>#</b> oo		A
9	Scene 6_copy_4	00m 07s 000	00:00:000 <b>#</b> oo		A
10	Scene 6_copy_5	00m 07s 000	00:00:000 #00		A
11	Scene 6_copy_6	00m 07s 000	00:00:000 <b>#</b> oo		A
12	Scene 6_copy_7	00m 07s 000	00:00:000 #00		A
13	Scene 6_copy_8	00m 07s 000	00:00:000		A
14	Scene 6_copy_9	00m 07s 000	00:00:000 🗰 oo		A
15	Scene 16	00m 03s 000	00:05:000 #3		A
16	Scene 17	00m 08s 000	00:00:000 #2		A
17	Scene 18	00m 03s 200	00:00:000 #40		A
18	Scene 19	00m 13s 000	00:00:000 #2		A
19	Scene 20	00m 04s 000	00:00:000 #2		A
20	Scopo 21	00m 02c 600	00.00.000		

Click on the "Write in Memory" button





Select the desired option in the Scenes Write window.

### Basic backup

**Write stand-alone configuration:** Change only certain settings in the configuration of a show already written in memory. Reduces backup time.

Write to Memory: Default backup in the internal memory of the device.

### Save to an internal and external micro SD card

#### For devices with a micro SD port.



Save scenes to a micro SD card (Class 10) installed in the device's SD card reader or in the computer drive. The card must be CLASS 10, formatted in FAT or FAT 32 with a maximum capacity of 256 GB.It is recommended to use the largest allocation unit size available when formatting.

Write to the SD card of the device: SD card installed in the device drive Write to an external SD card: SD card connected to the computer Note: Save to the root directory of the SD card.

### Backing up Art-Net or sACN to an external SD card

#### For devices with a micro SD port and an Ethernet port.



**Art-Net -** Write to an external SD card: Save up to 8 universesonly on micro SD to render an Art-Net or sACN show independently.

Set the universe range in the IN/OUT config tab. Cf:

Pre-commissioning verification:

Connecting the RJ45 cable before power on.

Connection to the local network.Cf: "Ether Ethernet connection and configuration"

Configuring the device in Art-net or sACN mode via the software or DeviceTool.

Note: Once in Art-Net (Ar) or sACN (AC) mode, the device is no longer visible on the local network. In Art-Net the device will use Broadcast to play the show on the network. In sACN the device will use the Multicast to play the show on the network.

### Stand-alone use

### Switch to stand-alone mode

The device switches to standalone mode automatically after 5 seconds after power on and if no software connection is made.

### External and USB power supply

The external power supply is only used for "Autonomous" mode.But it is possible to connect a USB cable and power supply at the same time, even if this configuration is not recommended.If a USB cable is connected to the device when running in standalone mode, the device will detect a possible connection to a computer but this will not affect the scenes that play.

### Charging the clock battery

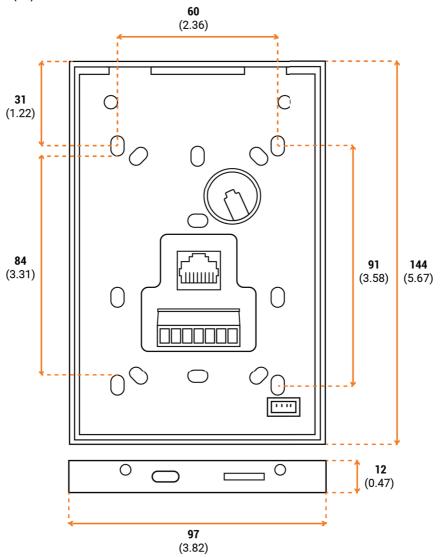
Before installing the device in stand-alone mode, connect the device for 1 hour to charge the clock battery and avoid losing the saved time configurations.

### Play a show via a Micro SD Card

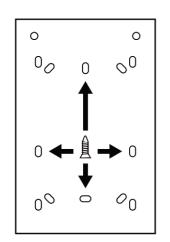
To play the SD show stand-alone, insert the card into the micro SD drive of the device. When powered, the screen displays "Sd" to indicate that the SD file of the project is being played. Note: The show file must be saved to the root directory of the micro SD. It will not be read if the file is renamed or saved in a folder or subdirectory.

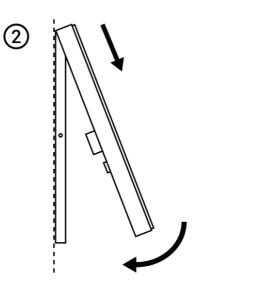
## Dimensions and mounting

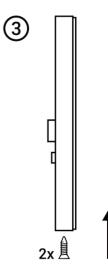
Dimensions in mm. (in)











The device is not detected by the DeviceTool or	Unplug to restart the device.			
USB software.	Change the USB cable			
	Unplug to restart the device.			
The device is not detected by the DeviceTool or	Change the Ethernet cable			
Ethernet software.	Check the selection of the Ethernet network			
	before opening.			
	Check the mode of communication with LED			
	signals and reconfigure the device via USB if			
	necessary			
	Verify that the IP addresses and subnet mask			
	are configured correctly.			
	Update the firmware of the device via the			
	software or DeviceTool			
The device is not detected on the network.	Update the software with the latest version and			
	try again			
	Open and allow communication ports used by			
	the device. Some local networks may require			
	manual opening of the following UDP Ports:			
	8011 + 8012 for communication between the			
	device and software.			
	Check the firmware and software version.			
	Device with display			
	When working properly: The screen indicates			
	"ON" when connected to the computer, then it			
	displays "SA" and "00" (or a scene number).			
	When you start the software and the device is			
	properly detected, you should see "PC".			
	Device without display			
	Check the mode of communication with LED			
The device is blocked in standalone mode and	signals.			
it cannot establish communication with the	During the 5 seconds before the device			
software.	switches to standalone mode:			
	1) Create a small show with a scene (in demo			
	mode) and close the software after saving the			
	show.(optional)			
	2) Unplug the device.			
	3) Start the software and wait for the software			
	to be on the 1st page of the wizard with the			
	selected USB device.			
	4) Plug in the device and start the software			

	IMMEDIATELY .Simply confirm all the steps of				
	<ul><li>the wizard.You should see the device well</li><li>detected and listed in the wizard.</li><li>5) Open the software and quickly write the</li></ul>				
	small show in memory.				
	Writing a new scene cleanses memory and				
	does not allow the infinite loop to reproduce.				
	Before commissioning, plug the RJ45 cable				
	before powering.				
	Replugging the power supply				
	Insert the SD card again (Reset)				
The device does not restore the Art-Net or	Device with display				
sACN show.	Select ArtNet (Ar) mode again, sACN (AC) in				
SACIN SHOW.	the advanced F3 menus of the device (mode				
	button).				
	Device without display				
	Select ArtNet, sACN mode again via the				
	software or DeviceTool.				

If you experience unlisted issues, contact your seller or manufacturer directly to indicate your problem and receive a solution.

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