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DMX/RDM installation

**Control manual for RGB/W &
Tunable White
(DMX/RDM-model)**

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Factory default setting:

Factory default Address settings are as follows:

RGB Model:

> Channel 1: Red Dimming
> Channel 2: Green Dimming
> Channel 3: Blue Dimming

Tunable White Model:

> Channel 1: Warm White Dimming
> Channel 2: Cold White Dimming

RGBW Model:

> Channel 1: Red Dimming
> Channel 2: Green Dimming
> Channel 3: Blue Dimming
> Channel 4: White Dimming

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Factory custom set up addresses:

You can order a custom addressing (part number 9903 0071) of the unit when ordering the light generators. The light generators will be supplied with a label informing about the settings.

Setting up addressing on site:

Please be advised that the following steps necessitate the expertise of a qualified technician. Additionally, undertaking any tasks related to a light generator should only be handled by a trained electrician.

To modify the DMX address of the device, it is necessary to establish a connection between a RDM controller and the DMX connector.

The programming procedure relies on the specific RDM controller and software utilized. The device is compliant with RDM (ANSI E1.20).

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DMX wiring:

The light generator is supplied with a shielded twisted pair rubber DMX cable, which is terminated with a 5-pole XLR connector (male for DMX input, female for DMX output). The "IN/OUT" labeling is clearly indicated on the side of the device.

Remember always to terminate the DMX line (accessories)

We highly recommend utilizing a shielded rubber DMX cable with twisted pairs. Upon request, the light generator can be provided with a more durable DMX cable.

RobLight advises against altering the DMX cable within the light generator, as such modifications would result in the termination of the warranty.

For comprehensive knowledge on DMX and practical installation, we recommend studying the following resource: https://en.wikipedia.org/wiki/DMX512

Download recommended Software:

https://nicolaudie.com/en/download.htm

Tools (drivers, Hardware Manager, RDM tools...)
                RDM_Manager
Easy Stand Alone range
                ESA2

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Tutorial:

RDM Manager – Tutorial:
https://www.youtube.com/watch?v=YEht0K5B50c&ab_channel=NicolaudieArchitectural

Easy Stand Alone – Tutorial:
https://nicolaudie.com/manuals/#/en/easy-stand-alone/overview

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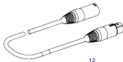
DMX protocol:

(Factory default address setting– RGBW Model)

Channel No.	Function	DMX Val-	Desired Effect
01	Red LED Dimming	0-255	0-100% Dimming range
02	Green LED Dim-ming	0-255	0-100% Dimming range
03[1]	Blue LED Dim-ming	0-255	0-100% Dimming range
04[2]	White LED Dim-ming	0-255	0-100% Dimming range

1. Please consider that the TW Model does not include channel 3 and 4.
2. Please consider that the RGB Model does not include channel 4.

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Accessories/spare parts

	Part name	Description	Ordrering
	DMX cable 2.5 m XLR plugs		9903 0056
	DMX cable 5 m XLR plugs		9903 0052
	DMX cable 10 m XLR plugs		9903 0057
	DMX cable 11 to 50 m XLR plugs		9903 0058
	DMX cable 51 to 100 m XLR plugs		9903 0059
	DMX 512 Sunlite control unit USB		0160 0302
	Netdel 100-240VAC / 5VDC		6708 0002
	DMX til 1-10V interface		0160 0316
	Factory DMX addressing		9903 0071
	DMX control unit program-ming per hour		9903 0070

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