

**FEATURES**

- **BUS+SEQUENCER+FADER+DIMMER+DRIVER**
- **DC Input 12-24 Vdc**
- **Bus command: DMX512-A + RDM or DALI**
- **Local command: Stand alone function (Dip Switch settings)**
- **Control: RGB or RGBW Color**
- **Current outputs or voltage outputs for LED strip**
- **Typical efficiency > 95%**
- **Adjusting the brightness up to completed off**
- **Soft start and soft stop**
- **Optimized output curve**
- **Extended temperature range**
- **100% Test functional – 2 Years warranty**

**Constant current variants (common anode)**

Application (4 channels output): RGB+W

CODE	Supply Voltage	Output	Channels	Command	
DLX1224-4CC350-DMX	12÷24V DC	4x350mA	4	DMX	EASY
DLX1224-4CC350-DALI	12÷24V DC	4x350mA	4	DALI	EASY
DLX1224-4CC500-DMX	12÷24V DC	4x500mA	4	DMX	EASY
DLX1224-4CC500-DALI	12÷24V DC	4x500mA	4	DALI	EASY

Constant voltage variants (common anode)

Application (4 channels output): RGB+W

CODE	Supply Voltage	Output	Channels	Command	
DLX1224-4CV-DMX	12÷24V DC	4 x 5A (max 10A tot.)	4	DMX	EASY
DLX1224-4CV-DALI	12÷24V DC	4 x 5A (max 10A tot.)	4	DALI	EASY

Protections

OTP*	Over temperature protection
OVP	Over voltage protection
UVF	Under voltage protection
RVP	Reverse polarity protection
IFP	Internal circuit input fuse protection
SCP*	Short circuit protection
OCP*	Open circuit protection
CLP*	Current limit protection

* these protections are added in "P" variant only

Reference standards

EN 61347-1:2008 +A1:2011+A2:2013	Lamp controlgear - Part 1: General and safety requirements		
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)		
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection		
EN 62384:2006+A1:2009	DC or AC supplied electronic control gear for LED modules - Performance requirements		
EN 55015:2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment		
EN 61547:2009	Equipment for general lighting purposes - EMC immunity requirements		
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances		
IEC/EN 62386-101	Digital addressable lighting interface - Part 101: General requirements - System		
IEC/EN 62386-102	Digital addressable lighting interface - Part 102: General requirements - Control gear		
IEC/EN 62386-207	Digital addressable lighting interface - Part 207: Particular requirements for control gear - LED modules (device type 6)		
IEC 60929-E.2.1	Control interface for controllable ballasts - control by d.c. voltage - functional specification		
ANSI E 1.3	Entertainment Technology - Lighting Control Systems - 0 to 10V Analog Control Specification		
ANSI E1.11	Entertainment Technology - USITT DMX512-A - Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories		
ANSI E1.20	Entertainment Technology-RDM-Remote Device Management over USITT DMX512 Networks		
-	MODBUS APPLICATION PROTOCOL SPECIFICATION V1.1b		

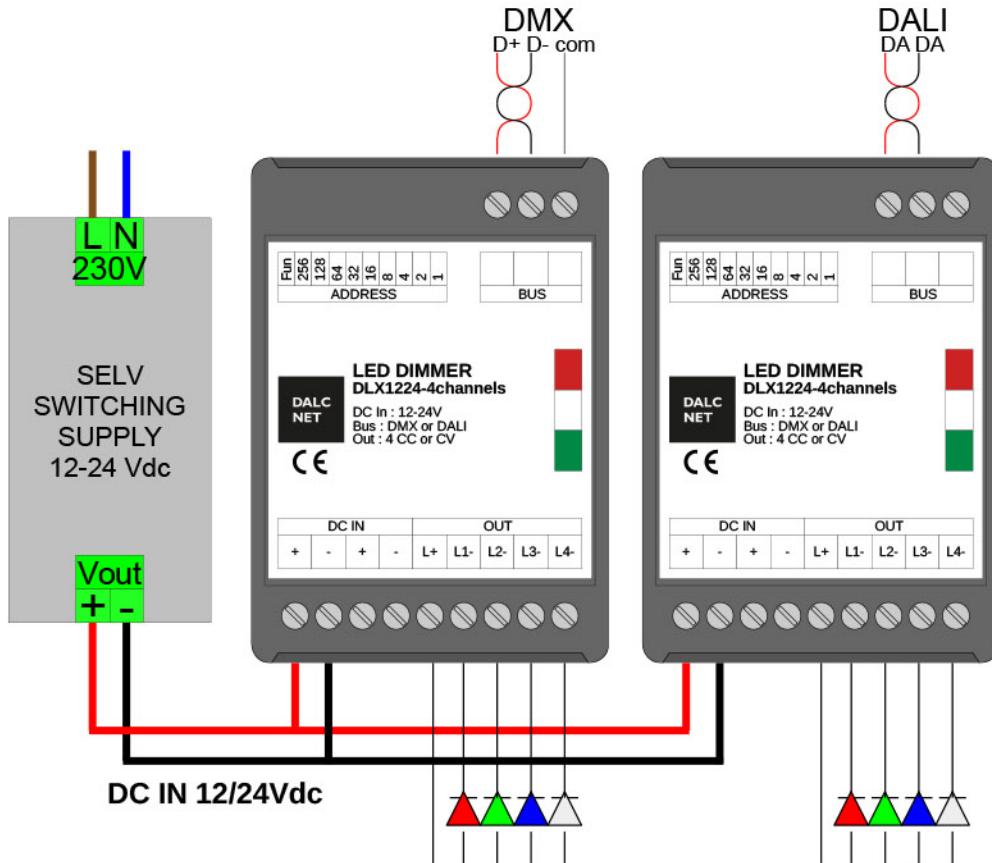
Technical Specifications

		Variant	
		Constant current	Constant voltage
		4 channels	4 channels
Supply voltage		DC min: 10.8 Vdc .. max: 26.4 Vdc	
Input current		max 2 A	
Output voltage		min: Vin/4	max: Vin-0,9V
Output current		350mA/ch	500mA/ch
		max 1,4 A total	max 2 A total
Nominal power ¹⁾	@12V	16,8 W	24 W
	@24V	33,6 W	48 W
Thermal shutdown		150 °C	
D-PWM dimming frequency		250Hz	
D-PWM resolution		16 bit	
D-PWM range		0,1 – 100 %	
Storage Temperature		min: -40 max: +60 °C	
Ambient Temperature ¹⁾		min: -10 max: +40 °C	
Protection grade		IP20	
Wiring		2.5mm ² solid - 1.5mm ² stranded - 30/12 AWG	
Mechanical dimensions		88 x 54 x 26 mm	
Packaging dimensions		106 x 59 x 36 mm	
Weight		74g	

¹⁾ maximum value, dependent on the ventilation conditions

Installation

Connect the switching supply, connect the BUS (DALI or DMX+RDM), connect the leds.



Technical Notes:

Installation:

- Installation and maintenance must be performed only by qualified personnel in compliance with current regulations.
- The product must be installed inside an electrical panel protected against overvoltages.
- The product must be installed in a vertical or horizontal position with the cover / label upwards or vertically; Other positions are not permitted. It is not permitted to bottom-up position (with the cover / label updown).
- Keep separated the circuits at 230V (LV) and the circuits not SELV from circuits to low voltage (SELV) and from any connection with this product. It is absolutely forbidden to connect, for any reason whatsoever, directly or indirectly, the 230V mains voltage to the bus or to other parts of the circuit.

Power Supply:

- For the power supply use only a SELV power supplies with limited current, short circuit protection and the power must be dimensioned correctly. In case of using power supply with ground terminals, all points of the protective earth (PE = Protection Earth) must be connected to a valid and certified protection earth.
- The connection cables between the power source "low voltage" and the product must be dimensioned correctly and they should be isolated from every wiring or parts at voltage not SELV. Use double insulated cables.
- Dimension the power supply for the load connected to the device. If the power supply is oversized compared with the maximum absorbed current, insert a protection against over-current between the power supply and the device.
- For the constant current output, the voltage of LED module (V_f) must be less of 5V at the voltage of power supply.

Command:

- The length and type of the connection cables at the BUS (DMX512, Modbus, DALI or other) use cables as per specification of the respective protocols and regulations and they should be isolated from every wiring or parts at voltage not SELV. Use double insulated shielded and twisted cables.
- All the product and the control signal connect at the bus (DMX512, Modbus, DALI or other) must be SELV (the devices connected must be SELV or supply a SELV signal)

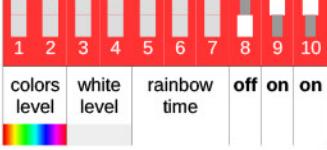
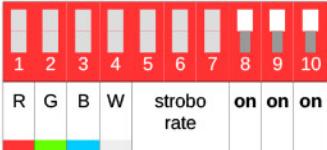
Outputs:

- The length of the connection cables between the product and the LED module must be less than 10m; the cables must be dimensioned correctly and they should be isolated from every wiring or parts at voltage not SELV. Is preferable to use shielded and twisted cables.

■ STAND ALONE SETUP

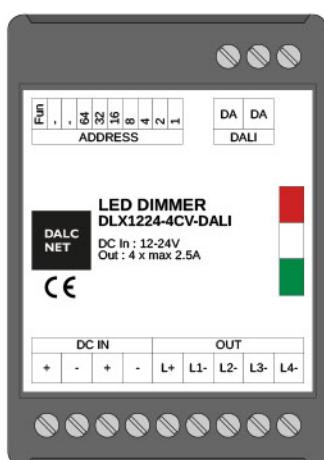
Leds are managed by the DIP-SWITCH of the device.

Configuration

Function	DIP-SWITCH																																																																																												
64 static colours	 DIP 9 = OFF DIP 10 = ON																																																																																												
	To set the intensity levels: <table border="1"> <thead> <tr> <th>LEVELS</th> <th colspan="2">1st CHANNEL</th> <th colspan="2">2nd CHANNEL</th> <th colspan="2">3rd CHANNEL</th> <th colspan="2">4th CHANNEL</th> </tr> <tr> <th></th> <th>DIP 1</th> <th>DIP2</th> <th>DIP 3</th> <th>DIP 4</th> <th>DIP 5</th> <th>DIP 6</th> <th>DIP 7</th> <th>DIP 8</th> </tr> </thead> <tbody> <tr> <td>100%</td> <td>ON</td> <td>ON</td> <td>ON</td> <td>ON</td> <td>ON</td> <td>ON</td> <td>ON</td> <td>ON</td> </tr> <tr> <td>66%</td> <td>OFF</td> <td>ON</td> <td>OFF</td> <td>ON</td> <td>OFF</td> <td>ON</td> <td>OFF</td> <td>ON</td> </tr> <tr> <td>33%</td> <td>ON</td> <td>OFF</td> <td>ON</td> <td>OFF</td> <td>ON</td> <td>OFF</td> <td>ON</td> <td>OFF</td> </tr> <tr> <td>0%</td> <td>OFF</td> <td>OFF</td> <td>OFF</td> <td>OFF</td> <td>OFF</td> <td>OFF</td> <td>OFF</td> <td>OFF</td> </tr> </tbody> </table>										LEVELS	1 st CHANNEL		2 nd CHANNEL		3 rd CHANNEL		4 th CHANNEL			DIP 1	DIP2	DIP 3	DIP 4	DIP 5	DIP 6	DIP 7	DIP 8	100%	ON	ON	ON	ON	ON	ON	ON	ON	66%	OFF	ON	OFF	ON	OFF	ON	OFF	ON	33%	ON	OFF	ON	OFF	ON	OFF	ON	OFF	0%	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF																													
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■ BUS DALI SETUP

Leds are managed by a DALI controller.



Features

- DALI BUS

DALI protocol reference standards

IEC/EN 62386-101	Digital addressable lighting interface - Part 101: General requirements - System
IEC/EN 62386-102	Digital addressable lighting interface - Part 102: General requirements - Control gear
IEC/EN 62386-207	Digital addressable lighting interface - Part 207: Particular requirements for control gear - LED modules (device type 6)

Configuration

ADDRESSING

By selectors	V
Random Address Allocation	V

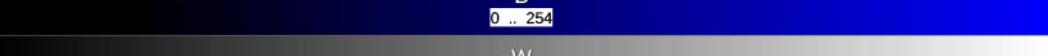
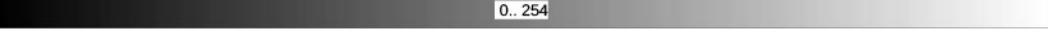
Function	DIP-SWITCH																					
DALI Random Address Allocation		<p>Addressing managed by DALI BUS. All DIPS are OFF.</p> <table border="1"> <thead> <tr> <th>DIP 1</th><th>DIP 2</th><th>DIP 3</th><th>DIP 4</th><th>DIP 5</th><th>DIP 6</th><th>DIP 7</th><th>DIP 8</th><th>DIP 9</th><th>DIP 10</th></tr> </thead> <tbody> <tr> <td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td></tr> </tbody> </table>	DIP 1	DIP 2	DIP 3	DIP 4	DIP 5	DIP 6	DIP 7	DIP 8	DIP 9	DIP 10	OFF									
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OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF													
Manual addressing [0..63]		<p>Manual Addressing.</p> <p>DIP 10 = OFF</p> <p>Address DALI from 0 to 63 = $(1*dip1 + 2*dip2 + 4*dip3 + \dots + 64*dip7) - 1$</p> <p>See the following table to set the address. In the table: - value 1 corresponds to dip ON - value 0 corresponds to dip OFF</p>																				

addr	dip-switch	addr	dip-switch	addr	dip-switch	addr	dip-switch	addr	dip-switch	addr	dip-switch	addr	dip-switch	addr	dip-switch
	123456789		123456789		123456789		123456789		123456789		123456789		123456789		123456789
by DALI 000000000															
0	100000000	8	100100000	16	100010000	24	100110000	32	100001000	40	100101000	48	100011000	56	100111000
1	010000000	9	010100000	17	010010000	25	010110000	33	010001000	41	010101000	49	010011000	57	010111000
2	110000000	10	110100000	18	110010000	26	110110000	34	110001000	42	110101000	50	110011000	58	110111000
3	001000000	11	001100000	19	001010000	27	001110000	35	001001000	43	001101000	51	001011000	59	001111000
4	101000000	12	101100000	20	101010000	28	101110000	36	101001000	44	101101000	52	101011000	60	101111000
5	011000000	13	011100000	21	011010000	29	011110000	37	011001000	45	011101000	53	011011000	61	011111000
6	111000000	14	111100000	22	111010000	30	111110000	38	111001000	46	111101000	54	111011000	62	111111000
7	000100000	15	000010000	23	000110000	31	000001000	39	000101000	47	000011000	55	000111000	63	000000100

APPLICATION EXAMPLE: suppose you want to set the address 38 in the device. The following values need to be set on the switches:
DIP 1 = ON, DIP 2 = ON, DIP 3 = ON, DIP 4 = OFF, DIP 5 = OFF, DIP 6 = ON, DIP 7 = OFF, DIP 8 = OFF, DIP 9 = OFF, DIP 10 = OFF.

Function

Considering the colours configuration depicted in paragraph **Installation** at page 3, the 4 intensities can be controlled by the following addresses:

Addr	Function	Value
+0	R	
+1	G	
+2	B	
+3	W	

APPLICATION EXAMPLE: suppose you have manually set the address 38 in the device. Then, operating on DALI address:
- 38 the first output intensity can be managed (red colour);
- 39 the second output intensity can be managed (green colour);
- 40 the third output intensity can be managed (blue colour);
- 41 the fourth output intensity can be managed (white colour).

COMMANDS

STANDARD COMMANDS	
DIRECT ARC POWER	✓
OFF	✓
UP	✓
DOWN	✓
STEP UP	✓
STEP DOWN	✓
RECALL MAX LEVEL	✓
RECALL MIN LEVEL	✓
STEP DOWN AND OFF	✓
ON AND STEP UP	✓
GOTO SCENE (0 to 15)	✓
RESET	✓
STORE ACTUAL LEVEL IN THE DTR	✓
STORE THE DTR AS MAX LEVEL	✓
STORE THE DTR AS MIN LEVEL	✓
STORE THE DTR AS SYSTEM FAILURE LEVEL	✓
STORE THE DTR AS POWER ON LEVEL	✓
STORE THE DTR AS FADE TIME	✓
STORE THE DTR AS FADE RATE	✓
STORE THE DTR AS SCENE (0 to 15)	✓
REMOVE FROM SCENE (0 to 15)	✓
ADD TO GROUP (0 to 15)	✓
REMOVE FROM GROUP (0 to 15)	✓
STORE DTR AS SHORT ADDRESS	✓
ENABLE WRITE MEMORY	✗
QUERY STATUS	✓
QUERY BALLAST	✓
QUERY LAMP FAILURE	✓
QUERY LAMP POWER ON	✓
QUERY LIMIT ERROR	✓
QUERY RESET STATE	✓
QUERY MISSING SHORT ADDRESS	✓
QUERY VERSION NUMBER	✓
QUERY CONTENT DTR	✓
QUERY DEVICE TYPE	✓
QUERY PHYSICAL MINIMUM LEVEL	✓
QUERY POWER FAILURE	✓
QUERY CONTENT DTR1	✓
QUERY CONTENT DTR2	✓
QUERY ACTUAL LEVEL	✓
QUERY MAX LEVEL	✓
QUERY MIN LEVEL	✓
QUERY POWER ON LEVEL	✓
QUERY SYSTEM FAILURE LEVEL	✓
QUERY FADE TIME / FADE RATE	✓
QUERY SCENE LEVEL (0 to 15)	✓
QUERY GROUPS 0-7	✓
QUERY GROUPS 8-15	✓
QUERY RANDOM ADDRESS H	✓
QUERY RANDOM ADDRESS M	✓
QUERY RANDOM ADDRESS L	✓
READ MEMORY LOCATION	✗
QUERY EXTENDED VERSION	✗

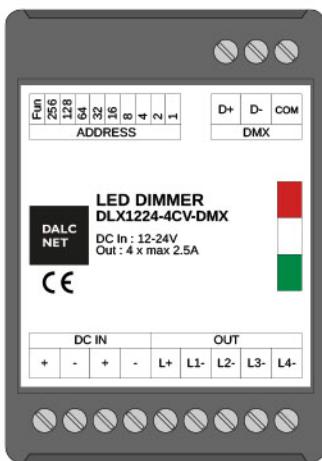
SPECIAL COMMANDS	
TERMINATE	✓
DATA TRANSFER REGISTER	✓
INITIALIZE	✓
RANDOMIZE	✓
COMPARE	✓
WITHDRAW	✓
SEARCHADDR H	✓
SEARCHADDR M	✓
SEARCHADDR L	✓
PROGRAM SHORT ADDRESS	✓
VERIFY SHORT ADDRESS	✓
QUERY SHORT ADDRESS	✓
PHYSICAL SELECTION	✗
ENABLE DEVICE TYPE	✗
DATA TRANSFER REGISTER 1	✓
DATA TRANSFER REGISTER 2	✓
WRITE MEMORY LOCATION	✗

DEFAULT VALUES

	FACTORY	RESET
ACTUAL LEVEL	254	254
POWER ON LEVEL	254	254
SYSTEM FAILURE LEVEL	254	254
MIN LEVEL	1	1
MAX LEVEL	254	254
FADE RATE	7	7
FADE TIME	0	0
SHORT ADDRESS	FF	(no change)
SEARCH ADDRESS	FF FF FF	FF FF FF
RANDOM ADDRESS	FF FF FF	FF FF FF
GROUP 0-7	0	0
GROUP 8-15	0	0
SCENE 0-15	MASK	MASK
STATUS INFORMATION	1??0????	0?100???
VERSION NUMBER	1	(no change)
PHYSICAL MIN. LEVEL	1	(no change)

■ BUS DMX+RDM SETUP

LEDS are managed by a DMX controller.



Configuration

Features

- BUS DMX512 (NSC+SIP+RDM)

DMX protocol reference standards

ANSI E1.11	Entertainment Technology - USITT DMX512-A - Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories
ANSI E1.20	Entertainment Technology-RDM-Remote Device Management over USITT DMX512 Networks

Technical Specification

- Standard DMX512/RDM



ADDRESSING

By selectors	V
From RDM	V

Function	DIP-SWITCH																					
DMX512		Addressing managed by RDM. All DIPS are OFF.																				
Addressing managed by RDM		<table border="1"> <tr> <td>DIP 1</td><td>DIP 2</td><td>DIP 3</td><td>DIP 4</td><td>DIP 5</td><td>DIP 6</td><td>DIP 7</td><td>DIP 8</td><td>DIP 9</td><td>DIP 10</td></tr> <tr> <td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td><td>OFF</td></tr> </table>	DIP 1	DIP 2	DIP 3	DIP 4	DIP 5	DIP 6	DIP 7	DIP 8	DIP 9	DIP 10	OFF									
DIP 1	DIP 2	DIP 3	DIP 4	DIP 5	DIP 6	DIP 7	DIP 8	DIP 9	DIP 10													
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF													
DMX512 Manual Addressing [1..511]		<p>Manual Addressing DIP 10 = OFF</p> <p>DMX address from 1 to 511 = (1*dip1 + 2*dip2 + 4*dip3 + ... + 256*dip9)</p> <p>See the following table to set the address. In the table: - value 1 corresponds to dip ON - value 0 corresponds to dip OFF</p>																				

addr	dip-switch																		
123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	123456789	
RDM	000000000	64	000000100	128	000000010	192	000000110	256	000000001	320	000000101	384	000000111	448	000000111				
1	100000000	65	100000100	129	100000010	193	100000110	257	100000001	321	100000101	385	100000111	449	100000111				
2	010000000	66	010000100	130	010000010	194	010000110	258	010000001	322	010000101	386	010000111	450	010000111				
3	110000000	67	110000100	131	110000010	195	110000110	259	110000001	323	110000101	387	110000111	451	110000111				
4	001000000	68	001000100	132	001000010	196	001000110	260	001000001	324	001000101	388	001000011	452	001000011				
5	101000000	69	101000100	133	101000010	197	101000110	261	101000001	325	101000101	389	101000011	453	101000011				
6	011000000	70	011000100	134	011000010	198	011000110	262	011000001	326	011000101	390	011000011	454	011000011				
7	111000000	71	111000100	135	111000010	199	111000110	263	111000001	327	111000101	391	111000011	455	111000011				
8	000100000	72	000100100	136	000100010	200	000100110	264	000100001	328	000100101	392	000100011	456	000100011				
9	100100000	73	100100100	137	100100010	201	100100110	265	100100001	329	100100101	393	100100011	457	100100011				
10	010100000	74	010100100	138	010100010	202	010100110	266	010100001	330	010100101	394	010100011	458	010100011				
11	110100000	75	110100100	139	110100010	203	110100110	267	110100001	331	110100101	395	110100011	459	110100011				
12	001100000	76	001100100	140	001100010	204	001100110	268	001100001	332	001100101	396	001100011	460	001100011				
13	101100000	77	101100100	141	101100010	205	101100110	269	101100001	333	101100101	397	101100011	461	101100011				
14	011100000	78	011100100	142	011100010	206	011100110	270	011100001	334	011100101	398	011100011	462	011100011				
15	111100000	79	111100100	143	111100010	207	111100110	271	111100001	335	111100101	399	111100011	463	111100011				
16	000010000	80	000010100	144	000010010	208	000010110	272	000010001	336	000010101	400	000010011	464	000010011				
17	100010000	81	100010100	145	100010010	209	100010110	273	100010001	337	100010101	401	100010011	465	100010011				
18	010010000	82	010010100	146	010010010	210	010010110	274	010010001	338	010010101	402	010010011	466	010010011				
19	110010000	83	110010100	147	110010010	211	110010110	275	110010001	339	110010101	403	110010011	467	110010011				
20	001010000	84	001010100	148	001010010	212	001010110	276	001010001	340	001010101	404	001010011	468	001010011				
21	101010000	85	101010100	149	101010010	213	101010110	277	101010001	341	101010101	405	101010011	469	101010011				
22	011010000	86	011010100	150	011010010	214	011010110	278	011010001	342	011010101	406	011010011	470	011010011				
23	111010000	87	111010100	151	111010010	215	111010110	279	111010001	343	111010101	407	111010011	471	111010011				
24	000110000	88	000110100	152	000110010	216	000110110	280	000110001	344	000110101	408	000110011	472	000110011				
25	100110000	89	100110100	153	100110010	217	100110110	281	100110001	345	100110101	409	100110011	473	100110011				
26	010110000	90	010110100	154	010110010	218	010110110	282	010110001	346	010110101	410	010110011	474	010110011				
27	110110000	91	110110100	155	110110010	219	110110110	283	110110001	347	110110101	411	110110011	475	110110011				
28	001110000	92	001110100	156	001110010	220	001110110	284	001110001	348	001110101	412	001110011	476	001110011				
29	101110000	93	101110100	157	101110010	221	101110110	285	101110001	349	101110101	413	101110011	477	101110011				
30	011110000	94	011110100	158	011110010	222	011110110	286	011110001	350	011110101	414	011110011	478	011110011				
31	111110000	95	111110100	159	111110010	223	111110110	287	111110001	351	111110101	415	111110011	479	111110011				
32	000001000	96	000001100	160	000001010	224	000001110	288	000001001	352	000001010	416	000001011	480	000001011				
33	100001000	97	100001100	161	100001010	225	100001110	289	100001001	353	100001010	417	100001011	481	100001011				
34	010001000	98	010001100	162	010001010	226	010001110	290	010001001	354	010001010	418	010001011	482	010001011				
35	100001000	99	100001100	163	100001010	227	100001110	291	100001001	355	100001010	419	100001011	483	100001011				
36	001001000	100	001001100	164	001001010	228	001001110	292	001001001	356	001001010	420	001001011	484	001001011				
37	101001000	101	101001100	165	101001010	229	101001110	293	101001001	357	101001010	421	101001011	485	101001011				
38	011001000	102	011001100	166	011001010	230	011001110	294	011001001	358	011001010	422	011001011	486	011001011				
39	111001000	103	111001100	167	111001010	231	111001110	295	111001001	359	111001010	423	111001011	487	111001011				
40	000101000	104	000101100	168	000101010	232	000101110	296	000101001	360	000101010	424	000101011	488	000101011				
41	100101000	105	100101100	169	100101010	233	100101110	297	100101001	361	100101010	425	100101011	489	100101011				
42	010101000	106	010101100	170	010101010	234	010101110	298	010101001	362	010101010	426	010101011	490	010101011				
43	110101000	107	110101100	171	110101010	235	110101110	299	110101001	363	110101010	427	110101011	491	110101011				
44	001101000	108	001101100	172	001101010	236	001101110	300	001101001	364	001101010	428	001101011	492	001101011				
45	101101000	109	101101100	173	101101010	237	101101110	301	101101001	365	101101010	429	101101011	493	101101011				
46	011101000	110	011101100	174	011101010	238	011101110	302	011101001	366	011101010	430	011101011	494	011101011				
47	111101000	111	111101100	175	111101010	239	111101110	303	111101001	367	111101010	431	111101011	495	111101011				
48	000011000	112	000011100	176	000011010	240	000011110	304	000011001	368	000011010	432	000011011	496	000011011				
49	100011000	113	100011100	177	100011010	241	100011110	305	100011001	369	100011010	433	100011011	497	100011011				
50	010011000	114	010011100	178	010011010	242	010011110	306	010011001	370	010011010	434	010011011	498	010011011				
51	110011000	115	110011100	179	110011010	243	110011110	307	110011001	371	110011010	435	110011011	499	110011011				
52	001011000	116	001011100	180	001011010	244	001011110	308	001011001	372	00101101								

Functions

Considering the colours configuration depicted in paragraph **Installation** at page 3, the 4 intensities can be controlled by the following slots:

Slot	Function	Value
1	R	 R 0 .. 255
2	G	 G 0 .. 255
3	B	 B 0 .. 255
4	W	 W 0.. 255

APPLICATION EXAMPLE: suppose you have manually set the address 310 on the device by selectors. Then, operating on DMX address:

- 310 (1st slot) first output intensity can be managed (red colour);
- 311 (2nd slot) second output intensity can be managed (green colour);
- 312 (3rd slot) third output intensity can be managed (blue colour);
- 313 (4th slot) fourth output intensity can be managed (white colour).

RDM COMMANDS

REQUESTED PARAMETERS	
DISC_UNIQUE_BRANCH	✓
DISC_MUTE	✓
DISC_UN_MUTE	✓
SUPPORTED_PARAMETERS	✓
PARAMETER_DESCRIPTION	✓
DEVICE_INFO	✓
SOFTWARE_VERSION_LABEL	✓
DMX_START_ADDRESS	✓
IDENTIFY_DEVICE	✓

SUPPORTED PARAMETERS	
PRODUCT_DETAIL_ID_LIST	✓
DEVICE_MODEL_DESCRIPTION	✓
MANUFACTURER_LABEL	✓
DEVICE_LABEL	✓
BOOT_SOFTWARE_VERSION_ID	✓
BOOT_SOFTWARE_VERSION_LABEL	✓
DMX_PERSONALITY	✓
DMX_PERSONALITY_DESCRIPTION	✓
SLOT_INFO	✓
SLOT_DESCRIPTION	✓
DEFAULT_SLOT_VALUE	✓