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ITALIANO

RGBW CONTROLLER



Controllo dimmer per cambia colori alogeni

MANUALE D' USO versione 1.0

Questo manuale è da considerarsi parte integrante del proiettore.

QUESTO CONTROLLO HA:

- Software proiettori 3 lamp.
- Software proiettori 4 lamp.
- Software 7/8 lampade

PUO' PILOTARE UNA SERIE DI:

- 20 CEILING RGB
- 16 CEILING RGB-W
- 8 SENTRY RGB-W
- 20 UNDERGROUND RGB
- 16 UNDERGROUND RGB-W
- 8 SLIGHT TWO 8lp
- 16 SLIGHT TWO 4lp

PRIMA DI CONNETTERE E METTERE IN FUNZIONE IL PROIETTORE, E' IMPORTANTE LEGGERE ATTENTAMENTE QUANTO RIPORTATO NEL SEGUENTE MANUALE.

L'INSTALLAZIONE, LA MANUTENZIONE E L'UTILIZZO DI QUESTO CONTROLLER DEVONO ESSERE ESEGUITE SOLO DA PERSONALE QUALIFICATO, NEL RISPETTO DI TUTTE LE NORME DI SICUREZZA.

PRIMA DI EFFETTUARE IL COLLEGAMENTO ALLA RETE ELETTRICA, ASSICURATEVI CHE I VALORI DI FREQUENZA E DI TENSIONE SIANO CONFORMI AL CONTROLLER.

DIN45 fastening version

IP20 SOLIDI: Protetto da oggetti più grandi di 12mm di diametro
LIQUIDI: Non protetto



Non installabile direttamente su superfici normalmente infiammabili



Connettere ad una rete elettrica provvista di un efficiente sistema di messa a terra (EN60598-1 – Apparecchio in classe I)

Metal box version

IP65 SOLIDI: Totalmente protetto contro la polvere
LIQUIDI: Protetto dai getti d'acqua



Installabile direttamente su superfici normalmente infiammabili



Connettere ad una rete elettrica provvista di un efficiente sistema di messa a terra (EN60598-1 – Apparecchio in classe I)

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Descrizione

RGBW controller con attacco DIN45 è installabile in box, meglio se di tipo areato, in accordo con le direttive in campo di sicurezza.

RGBW controller IP65 può essere installato in qualsiasi posizione, il box è metallico e stagno.

Quest'apparecchio è uno speciale DIMMER DMX in grado di pilotare fino a 4 canali (Rosso, Verde, Blu e Bianco) con potenza massima di 1KW per canale, se opportunamente raffreddato.

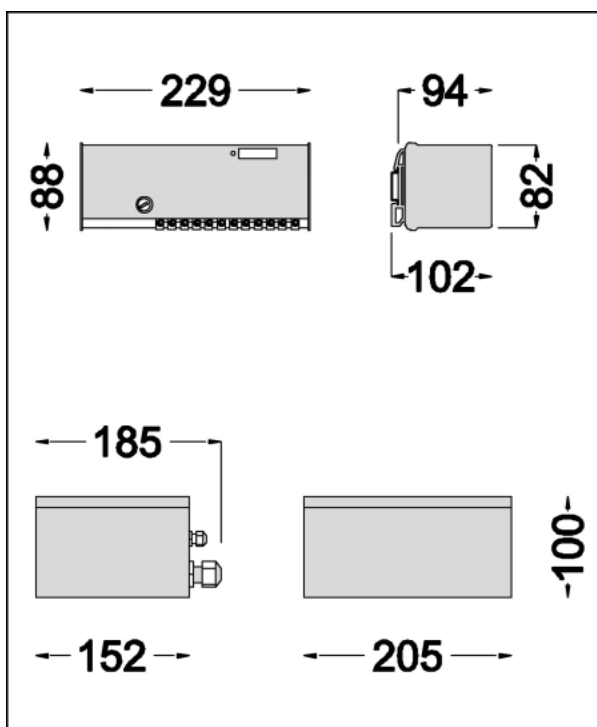
Il software caricato è dedicato al tipo di proiettore da alimentare: a 3 lampade, a 4 lampade e a 7/8 lampade.

Può lavorare con segnale DMX512 oppure in modo automatico, stand alone.

Alimentazione: 230Vac 50/60Hz

Dimensioni

La versione DIN45 ha la morsettiera predisposta.



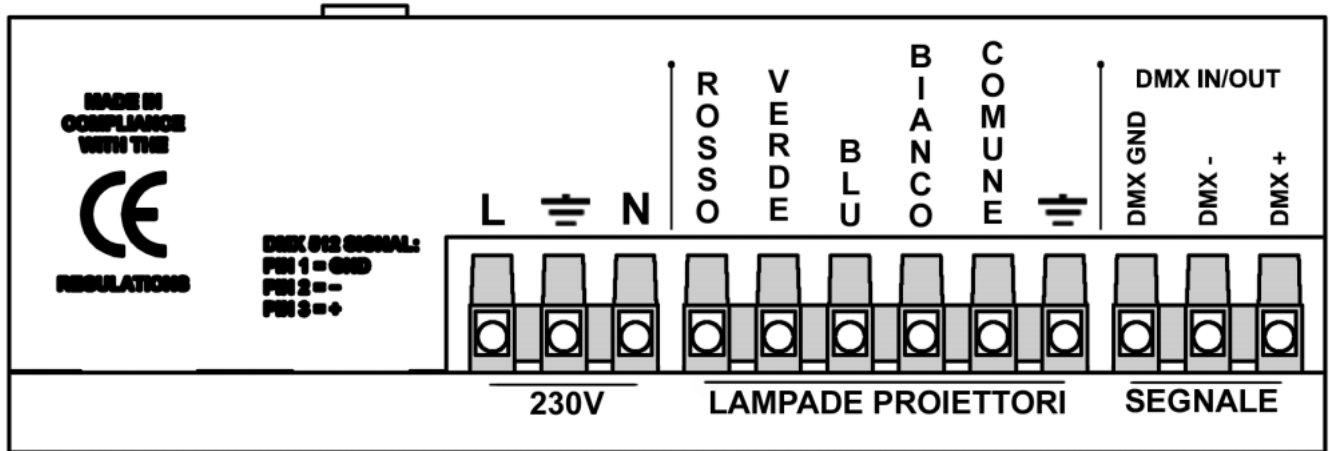
Passa cavi versione IP66:

- 2 PG9 per segnale dmx in/out
- 1 PG13,5 per alimentazione elettrica
- 1 PG13,5 o PG16 per uscita lampade proiettori

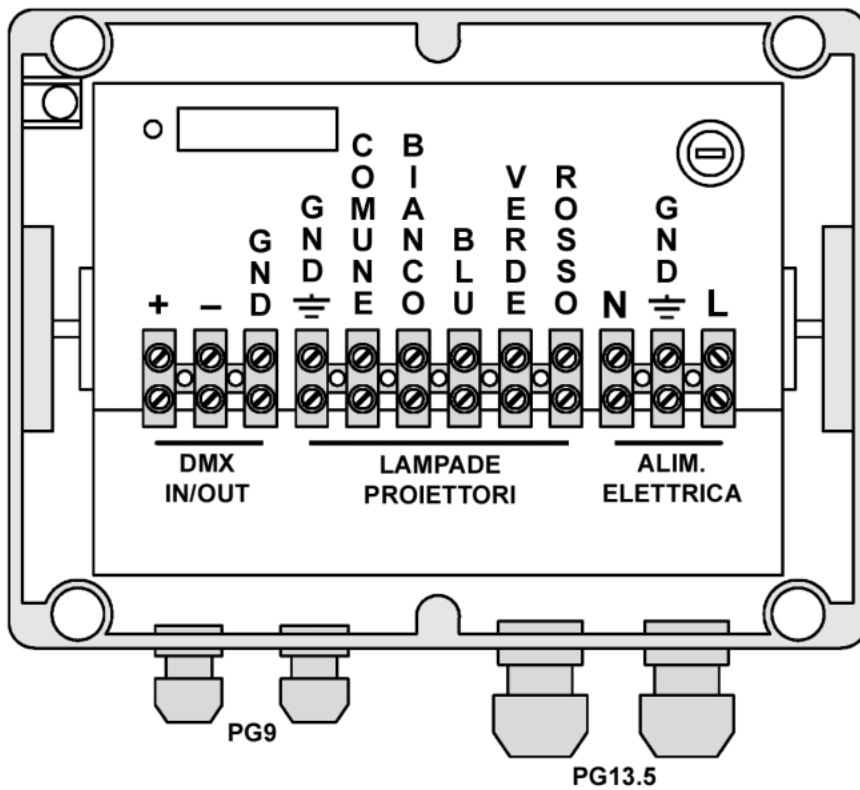
Connessioni

Prima di effettuare qualsiasi operazione, togliere tensione all'impianto elettrico.

Seguire il disegno per connettere i fili (versione IP20)




Seguire il disegno per connettere i fili (versione IP65)



Alimentazione elettrica

Prima di effettuare qualsiasi operazione, togliere tensione all'impianto elettrico.

Per connettere l'apparecchio, seguire la tabella e i disegni riportanti i colori dei conduttori e la loro posizione.

PIN	SYMBOL	EC	US	UK
phase	L	brown	yellow/c	red
neutral	N	blue	silver	black
ground		yellow/green	green	green

Non alimentare il controller da circuiti dimmer.

Se siete in dubbio, consultate un elettricista qualificato.

Assorbimento massimo: 50W per ogni lampada pilotata

Protegete il sistema elettrico con interruttori differenziali ad alta sensibilità, esempio 30mA.

Il controller ha un fusibile, se c'è un guasto elettrico, interrompe l'alimentazione all'ingresso. Risolto il guasto sostituire il fusibile con uno avente le stesse caratteristiche.

Cavo di segnale DMX512

Utilizzare solo cavi schermati con conduttori twistati (attorcigliati) seguendo le specifiche EIA485 (RS485), con bassa capacità e impedenza compresa fra 82 e 120 ohm.

I normali cavi per l'audio non garantiscono una buona efficienza, sono quindi sconsigliati.

Si consiglia di seguire gli esempi nelle tabelle per avere un riferimento sulla tipologia di cavi da utilizzare

Cavi con una coppia di conduttori

Marca	Cod.	AWG	Impedenza ohm
BELDEN	1162A	20	100
BELDEN	8227	20	100
BELDEN	89207	20	100
ALPHA	9109	20	100
ALPHA	9817	20	100
ALPHA	9818	20	100

Cavi con 2 coppie di conduttori

Marca	Cod.	AWG	Impedenza ohm
BELDEN	8102	24	100
BELDEN	8162	24	100
BELDEN	89696	22	100
PROPLEX	PC224P	22	110
PROPLEX	PC224T	22	110

La sezione dei conduttori consigliata è 26 AWG o superiore.

E' consigliabile:

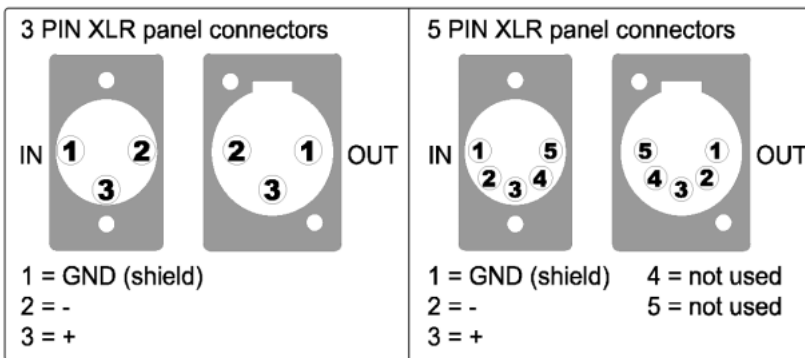
- Non inserire più di 32 proiettori sulla stessa linea Dmx
- Non superare la lunghezza massima di 150m di cavo (con cavi di bassa qualità)
- Non superare la lunghezza massima di 300m di cavo (con cavi di buona qualità)

Se la lunghezza del cavo di segnale è troppo elevata bisogna installare un AMPLIFICATORE sulla linea DMX.

La connessione al controller DMX va effettuata, nella maggior parte dei casi, tramite connettori XLR maschio a 3 o a 5 poli.

Sul PIN 1 del connettore XLR deve essere saldato lo schermo del cavo di segnale, sul PIN 2 deve essere saldato il negativo (per esempio, conduttore nero), sul PIN 3 deve essere saldato il positivo (per esempio, conduttore rosso o bianco).

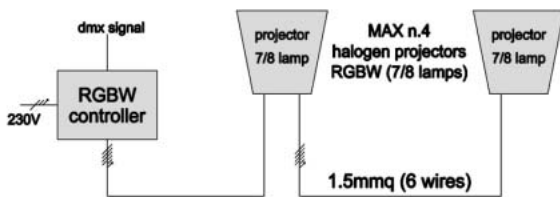
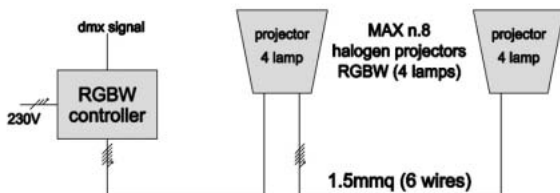
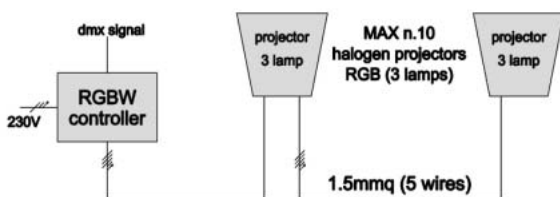
Bisogna rispettare la colorazione e l'ordine di collegamento anche sui morsetti del controller.



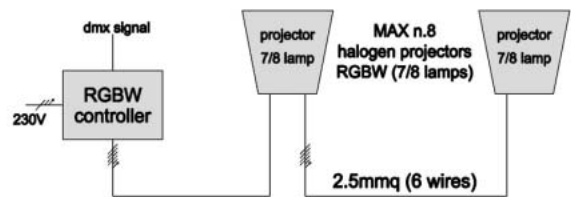
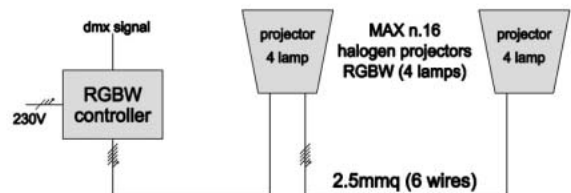
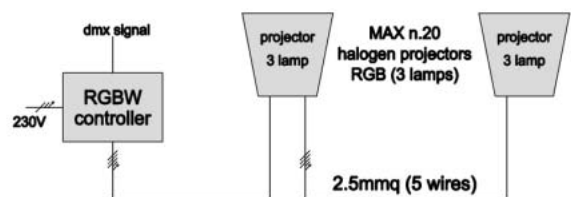
L'ingresso e l'uscita (IN/OUT) del cavo di segnale va connesso direttamente sulla morsettieria predisposta.

Esempio di connessione

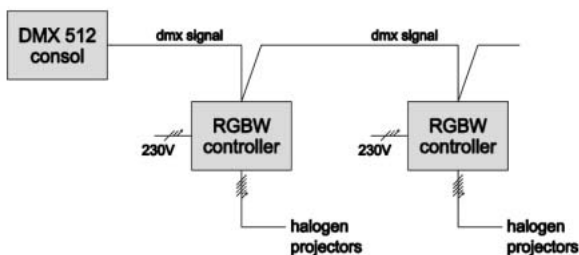
Section wires 1.5mm²



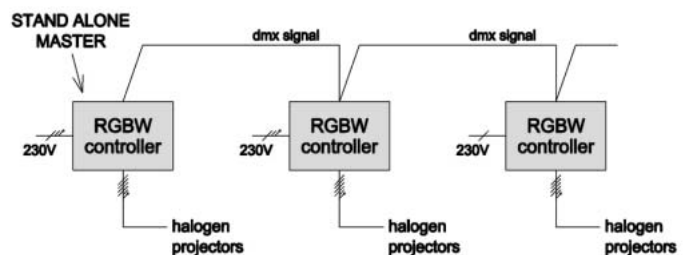
Section wires 2.5mm²



The controllers works via dmx signal



The MASTER controller works in stand alone mode, the other controllers (slave) execute the same sequence



Software per proiettori a 3 lampade

Utilizzando conduttori con sezione di 1.5mmq, RGBW CONTROLLER può pilotare un massimo di 10 proiettori RGB (3 lampade).

Utilizzando conduttori con sezione di 2.5mmq, RGBW CONTROLLER può pilotare un massimo di 20 proiettori RGB (3 lampade).

Software per proiettori a 4 lampade

Utilizzando conduttori con sezione di 1.5mmq, RGBW CONTROLLER può pilotare un massimo di 8 proiettori RGB-W (4 lampade).

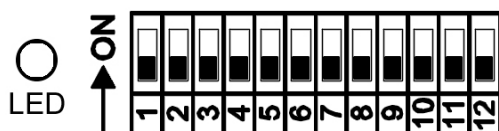
Utilizzando conduttori con sezione di 2.5mmq, RGBW CONTROLLER può pilotare un massimo di 16 proiettori RGB-W (4 lampade).

Software per proiettori a 7/8 lampade

Utilizzando conduttori con sezione di 1.5mmq, RGBW CONTROLLER può pilotare un massimo di 4 proiettori RGB-W (7/8 lampade).

Utilizzando conduttori con sezione di 2.5mmq, RGBW CONTROLLER può pilotare un massimo di 8 proiettori RGB-W (7/8 lampade).

Interfaccia utente



Il LED acceso indica la presenza del segnale DMX.

Il LED lampeggiante indica la mancanza del segnale DMX.

Se il micro-switch 12 è in posizione di OFF, il proiettore segue i comandi che riceve in DMX (DMX / SLAVE) se il micro-switch 12 è in posizione di ON, il proiettore funziona automaticamente (STAND ALONE / MASTER), mentre funziona automaticamente genera segnali DMX che comandano i proiettori SLAVE.

Specifiche DMX512

Software per proiettori a 3 lampade

Il controller usa 3 canali DMX a partire da quello selezionato, sia in MODALITA' 1 che in MODALITA' 2

MODALITA' 1 (standard)

1° canale = Rosso, RED (da 0 a 100%)

2° canale = Verde, GREEN (da 0 a 100%)

3° canale = Blu, BLUE (da 0 a 100%)

MODALITA' 2

1° canale = INTENSITA' DI LUCE (da 0 al 100%)

2° canale = TONALITA' COLORE

3° canale = BILANCIAMENTO COLORE (dal colore selezionato al bianco, da 0 a 100%)

Software per proiettori a 4 e 7/8 lampade

Il controller usa 4 canali DMX a partire da quello selezionato (MODALITA' 1) oppure 3 canali DMX in MODALITA' 2

MODALITA' 1 (standard)

- 1° canale = Rosso, RED (da 0 a 100%)
- 2° canale = Verde, GREEN (da 0 a 100%)
- 3° canale = Blu, BLUE (da 0 a 100%)
- 4° canale = Bianco, WHITE (da 0 a 100%)

MODALITA' 2

- 1° canale = INTENSITA' DI LUCE (da 0 al 100%)
- 2° canale = TONALITA' COLORE
- 3° canale = BILANCIAMENTO COLORE (dal colore selezionato al bianco, da 0 a 100%)

Dip-switch	FUNZIONE	MODALITA' 1
Dip 1	DMX Add. (1)	Il proiettore usa 4 canali DMX consecutivi
Dip 2	DMX Add. (2)	
Dip 3	DMX Add. (4)	
Dip 4	DMX Add. (8)	
Dip 5	DMX Add. (16)	
Dip 6	DMX Add. (32)	
Dip 7	DMX Add. (64)	
Dip 8	DMX Add. (128)	
Dip 9	DMX Add. (256)	
Dip 10	Non usato	
Dip 11	OFF	
Dip 12	OFF	

Dip-switch	FUNZIONE	MODALITA' 2
Dip 1	DMX Add. (1)	Il proiettore usa 3 canali DMX consecutivi
Dip 2	DMX Add. (2)	
Dip 3	DMX Add. (4)	
Dip 4	DMX Add. (8)	
Dip 5	DMX Add. (16)	
Dip 6	DMX Add. (32)	
Dip 7	DMX Add. (64)	
Dip 8	DMX Add. (128)	
Dip 9	DMX Add. (256)	
Dip 10	Non usato	
Dip 11	ON	
Dip 12	OFF	

Impostare l'indirizzo DMX

Per poter comandare il controller con segnale DMX, è necessario assegnare un indirizzo DMX (DMX address).

L'indirizzo DMX impostato in fabbrica è 1.

Ad ogni dip-switch è associato un valore numerico, la somma dei valori decimali stabilisce il canale DMX di comando.

Dip-switch	Valore DECIMALE
Dip 1	DMX add. (1)
Dip 2	DMX add. (2)
Dip 3	DMX add. (4)
Dip 4	DMX add. (8)
Dip 5	DMX add. (16)
Dip 6	DMX add. (32)
Dip 7	DMX add. (64)
Dip 8	DMX add. (128)
Dip 9	DMX add. (256)
Dip 10	Non usato
Dip 11	Non usato
Dip 12	OFF



Esempio su come funzionano i dip-switches: per impostare l'indirizzo DMX (DMX address) **39**, bisogna mettere su ON i dip-switches corrispondenti ai valori decimali 32, 4, 2 e 1 in quanto $32+4+2+1=39$.

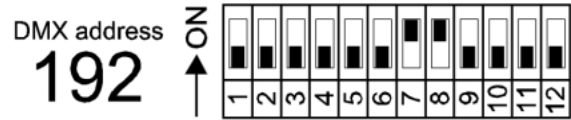
Per comandare il proiettore con segnale DMX (da DMX controller o da un proiettore che funziona in automatico) il dip-switch 12 deve essere in posizione di OFF (DMX / SLAVE).

Di seguito sono riportate le tabelle con le impostazioni dei dip-switches per ogni indirizzo DMX.



DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
1	off	off	off	off	off	off	off	off	off
2	ON	off	off	off	off	off	off	off	off
3	ON	ON	off	off	off	off	off	off	off
4	off	off	ON	off	off	off	off	off	off
5	ON	off	ON	off	off	off	off	off	off
6	off	ON	ON	off	off	off	off	off	off
7	ON	ON	ON	off	off	off	off	off	off
8	off	off	off	ON	off	off	off	off	off
9	ON	off	off	ON	off	off	off	off	off
10	off	ON	off	ON	off	off	off	off	off
11	ON	ON	off	ON	off	off	off	off	off
12	off	off	ON	ON	off	off	off	off	off
13	ON	off	ON	ON	off	off	off	off	off
14	off	ON	ON	ON	off	off	off	off	off
15	ON	ON	ON	ON	off	off	off	off	off
16	off	off	off	off	ON	off	off	off	off
17	ON	off	off	off	ON	off	off	off	off
18	off	ON	off	off	ON	off	off	off	off
19	ON	ON	off	off	ON	off	off	off	off
20	off	off	ON	off	ON	off	off	off	off
21	ON	off	ON	off	ON	off	off	off	off
22	off	ON	ON	off	ON	off	off	off	off
23	ON	ON	ON	off	ON	off	off	off	off
24	off	off	off	ON	ON	off	off	off	off
25	ON	off	off	ON	ON	off	off	off	off
26	off	ON	off	ON	ON	off	off	off	off
27	ON	ON	off	ON	ON	off	off	off	off
28	off	off	ON	ON	ON	off	off	off	off
29	ON	off	ON	ON	ON	off	off	off	off
30	off	ON	ON	ON	ON	off	off	off	off
31	ON	ON	ON	ON	ON	off	off	off	off
32	off	off	off	off	off	ON	off	off	off
33	ON	off	off	off	off	ON	off	off	off
34	off	ON	off	off	off	ON	off	off	off
35	ON	ON	off	off	off	ON	off	off	off
36	off	off	ON	off	off	ON	off	off	off
37	ON	off	ON	off	off	ON	off	off	off
38	off	ON	ON	off	off	ON	off	off	off
39	ON	ON	ON	off	off	ON	off	off	off
40	off	off	off	ON	off	ON	off	off	off
41	ON	off	off	ON	off	ON	off	off	off
42	off	ON	off	ON	off	ON	off	off	off
43	ON	ON	off	ON	off	ON	off	off	off
44	off	off	ON	ON	off	ON	off	off	off
45	ON	off	ON	ON	off	ON	off	off	off
46	off	ON	ON	ON	off	ON	off	off	off
47	ON	ON	ON	ON	off	ON	off	off	off
48	off	off	off	off	ON	ON	off	off	off
49	ON	off	off	off	ON	ON	off	off	off
50	off	ON	off	off	ON	ON	off	off	off
51	ON	ON	off	off	ON	ON	off	off	off
52	off	off	ON	off	ON	ON	off	off	off
53	ON	off	ON	off	ON	ON	off	off	off
54	off	ON	ON	off	ON	ON	off	off	off
55	ON	ON	ON	off	ON	ON	off	off	off
56	off	off	off	ON	ON	ON	off	off	off
57	ON	off	off	ON	ON	ON	off	off	off
58	off	ON	off	ON	ON	ON	off	off	off
59	ON	ON	off	ON	ON	ON	off	off	off
60	off	off	ON	ON	ON	ON	off	off	off
61	ON	off	ON	ON	ON	ON	off	off	off
62	off	ON	ON	ON	ON	ON	off	off	off
63	ON	ON	ON	ON	ON	ON	off	off	off

DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
64	off	off	off	off	off	off	ON	off	off
65	ON	off	off	off	off	off	ON	off	off
66	off	ON	off	off	off	off	ON	off	off
67	ON	ON	off	off	off	off	ON	off	off
68	off	off	ON	off	off	off	ON	off	off
69	ON	off	ON	off	off	off	ON	off	off
70	off	ON	ON	off	off	off	ON	off	off
71	ON	ON	ON	off	off	off	ON	off	off
72	off	off	off	ON	off	off	ON	off	off
73	ON	off	off	ON	off	off	ON	off	off
74	off	ON	off	ON	off	off	ON	off	off
75	ON	ON	off	ON	off	off	ON	off	off
76	off	off	ON	ON	off	off	ON	off	off
77	ON	off	ON	ON	off	off	ON	off	off
78	off	ON	ON	ON	off	off	ON	off	off
79	ON	ON	ON	ON	off	off	ON	off	off
80	off	off	off	off	ON	off	ON	off	off
81	ON	off	off	off	ON	off	ON	off	off
82	off	ON	off	off	ON	off	ON	off	off
83	ON	ON	off	off	ON	off	ON	off	off
84	off	off	ON	off	ON	off	ON	off	off
85	ON	off	ON	off	ON	off	ON	off	off
86	off	ON	ON	off	ON	off	ON	off	off
87	ON	ON	ON	off	ON	off	ON	off	off
88	off	off	off	ON	ON	off	ON	off	off
89	ON	off	off	ON	ON	off	ON	off	off
90	off	ON	off	ON	ON	off	ON	off	off
91	ON	ON	off	ON	ON	off	ON	off	off
92	off	off	ON	ON	ON	off	ON	off	off
93	ON	off	ON	ON	ON	off	ON	off	off
94	off	ON	ON	ON	ON	off	ON	off	off
95	ON	ON	ON	ON	ON	off	ON	off	off
96	off	off	off	off	off	ON	ON	off	off
97	ON	off	off	off	off	ON	ON	off	off
98	off	ON	off	off	off	ON	ON	off	off
99	ON	ON	off	off	off	ON	ON	off	off
100	off	off	ON	off	off	ON	ON	off	off
101	ON	off	ON	off	off	ON	ON	off	off
102	off	ON	ON	off	off	ON	ON	off	off
103	ON	ON	ON	off	off	ON	ON	off	off
104	off	off	off	ON	off	ON	ON	off	off
105	ON	off	off	ON	off	ON	ON	off	off
106	off	ON	off	ON	off	ON	ON	off	off
107	ON	ON	off	ON	off	ON	ON	off	off
108	off	off	ON	ON	off	ON	ON	off	off
109	ON	off	ON	ON	off	ON	ON	off	off
110	off	ON	ON	ON	off	ON	ON	off	off
111	ON	ON	ON	ON	off	ON	ON	off	off
112	off	off	off	off	ON	ON	ON	off	off
113	ON	off	off	off	ON	ON	ON	off	off
114	off	ON	off	off	ON	ON	ON	off	off
115	ON	ON	off	off	ON	ON	ON	off	off
116	off	off	ON	off	ON	ON	ON	off	off
117	ON	off	ON	off	ON	ON	ON	off	off
118	off	ON	ON	off	ON	ON	ON	off	off
119	ON	ON	ON	off	ON	ON	ON	off	off
120	off	off	off	ON	ON	ON	ON	off	off
121	ON	off	off	ON	ON	ON	ON	off	off
122	off	ON	off	ON	ON	ON	ON	off	off
123	ON	ON	off	ON	ON	ON	ON	off	off
124	off	off	ON	ON	ON	ON	ON	off	off
125	ON	off	ON	ON	ON	ON	ON	off	off
126	off	ON	ON	ON	ON	ON	ON	off	off
127	ON	ON	ON	ON	ON	ON	ON	off	Off



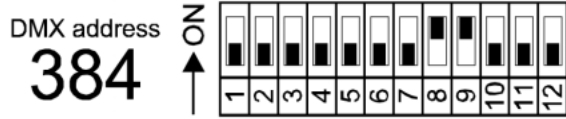
DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
128	off	off	off	off	off	off	off	ON	off
129	ON	off	off	off	off	off	off	ON	off
130	off	ON	off	off	off	off	off	ON	off
131	ON	ON	off	off	off	off	off	ON	off
132	off	off	ON	off	off	off	off	ON	off
133	ON	off	ON	off	off	off	off	ON	off
134	off	ON	ON	off	off	off	off	ON	off
135	ON	ON	ON	off	off	off	off	ON	off
136	off	off	off	ON	off	off	off	ON	off
137	ON	off	off	ON	off	off	off	ON	off
138	off	ON	off	ON	off	off	off	ON	off
139	ON	ON	off	ON	off	off	off	ON	off
140	off	off	ON	ON	off	off	off	ON	off
141	ON	off	ON	ON	off	off	off	ON	off
142	off	ON	ON	ON	off	off	off	ON	off
143	ON	ON	ON	ON	off	off	off	ON	off
144	off	off	off	off	ON	off	off	ON	off
145	ON	off	off	off	ON	off	off	ON	off
146	off	ON	off	off	ON	off	off	ON	off
147	ON	ON	off	off	ON	off	off	ON	off
148	off	off	ON	off	ON	off	off	ON	off
149	ON	off	ON	off	ON	off	off	ON	off
150	off	ON	ON	off	ON	off	off	ON	off
151	ON	ON	ON	off	ON	off	off	ON	off
152	off	off	off	ON	ON	off	off	ON	off
153	ON	off	off	ON	ON	off	off	ON	off
154	off	ON	off	ON	ON	off	off	ON	off
155	ON	ON	off	ON	ON	off	off	ON	off
156	off	off	ON	ON	ON	off	off	ON	off
157	ON	off	ON	ON	ON	off	off	ON	off
158	off	ON	ON	ON	ON	off	off	ON	off
159	ON	ON	ON	ON	ON	off	off	ON	off
160	off	off	off	off	off	ON	off	ON	off
161	ON	off	off	off	off	ON	off	ON	off
162	off	ON	off	off	off	ON	off	ON	off
163	ON	ON	off	off	off	ON	off	ON	off
164	off	off	ON	off	off	ON	off	ON	off
165	ON	off	ON	off	off	ON	off	ON	off
166	off	ON	ON	off	off	ON	off	ON	off
167	ON	ON	ON	off	off	ON	off	ON	off
168	off	off	off	ON	off	ON	off	ON	off
169	ON	off	off	ON	off	ON	off	ON	off
170	off	ON	off	ON	off	ON	off	ON	off
171	ON	ON	off	ON	off	ON	off	ON	off
172	off	off	ON	ON	off	ON	off	ON	off
173	ON	off	ON	ON	off	ON	off	ON	off
174	off	ON	ON	ON	off	ON	off	ON	off
175	ON	ON	ON	ON	off	ON	off	ON	off
176	off	off	off	off	ON	ON	off	ON	off
177	ON	off	off	off	ON	ON	off	ON	off
178	off	ON	off	off	ON	ON	off	ON	off
179	ON	ON	off	off	ON	ON	off	ON	off
180	off	off	ON	off	ON	ON	off	ON	off
181	ON	off	ON	off	ON	ON	off	ON	off
182	off	ON	ON	off	ON	ON	off	ON	off
183	ON	ON	ON	off	ON	ON	off	ON	off
184	off	off	off	ON	ON	ON	off	ON	off
185	ON	off	off	ON	ON	ON	off	ON	off
186	off	ON	off	ON	ON	ON	off	ON	off
187	ON	ON	off	ON	ON	ON	off	ON	off
188	off	off	ON	ON	ON	ON	off	ON	off
189	ON	off	ON	ON	ON	ON	off	ON	off
190	off	ON	ON	ON	ON	ON	off	ON	off
191	ON	ON	ON	ON	ON	ON	off	ON	off

DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
192	off	off	off	off	off	off	ON	ON	off
193	ON	off	off	off	off	off	ON	ON	off
194	off	ON	off	off	off	off	ON	ON	off
195	ON	ON	off	off	off	off	ON	ON	off
196	off	off	ON	off	off	off	ON	ON	off
197	ON	off	ON	off	off	off	ON	ON	off
198	off	ON	ON	off	off	off	ON	ON	off
199	ON	ON	ON	off	off	off	ON	ON	off
200	off	off	off	ON	off	off	ON	ON	off
201	ON	off	off	ON	off	off	ON	ON	off
202	off	ON	off	ON	off	off	ON	ON	off
203	ON	ON	off	ON	off	off	ON	ON	off
204	off	off	ON	ON	off	off	ON	ON	off
205	ON	off	ON	ON	off	off	ON	ON	off
206	off	ON	ON	ON	off	off	ON	ON	off
207	ON	ON	ON	ON	off	off	ON	ON	off
208	off	off	off	off	ON	off	ON	ON	off
209	ON	off	off	off	ON	off	ON	ON	off
210	off	ON	off	off	ON	off	ON	ON	off
211	ON	ON	off	off	ON	off	ON	ON	off
212	off	off	ON	off	ON	off	ON	ON	off
213	ON	off	ON	off	ON	off	ON	ON	off
214	off	ON	ON	off	ON	off	ON	ON	off
215	ON	ON	ON	off	ON	off	ON	ON	off
216	off	off	off	ON	ON	off	ON	ON	off
217	ON	off	off	ON	ON	off	ON	ON	off
218	off	ON	off	ON	ON	off	ON	ON	off
219	ON	ON	off	ON	ON	off	ON	ON	off
220	off	off	ON	ON	ON	off	ON	ON	off
221	ON	off	ON	ON	ON	off	ON	ON	off
222	off	ON	ON	ON	ON	off	ON	ON	off
223	ON	ON	ON	ON	ON	off	ON	ON	off
224	off	off	off	off	off	ON	ON	ON	off
225	ON	off	off	off	off	ON	ON	ON	off
226	off	ON	off	off	off	ON	ON	ON	off
227	ON	ON	off	off	off	ON	ON	ON	off
228	off	off	ON	off	off	ON	ON	ON	off
229	ON	off	ON	off	off	ON	ON	ON	off
230	off	ON	ON	off	off	ON	ON	ON	off
231	ON	ON	ON	off	off	ON	ON	ON	off
232	off	off	off	ON	off	ON	ON	ON	off
233	ON	off	off	ON	off	ON	ON	ON	off
234	off	ON	off	ON	off	ON	ON	ON	off
235	ON	ON	off	ON	off	ON	ON	ON	off
236	off	off	ON	ON	off	ON	ON	ON	off
237	ON	off	ON	ON	off	ON	ON	ON	off
238	off	ON	ON	ON	off	ON	ON	ON	off
239	ON	ON	ON	ON	off	ON	ON	ON	off
240	off	off	off	off	ON	ON	ON	ON	off
241	ON	off	off	off	ON	ON	ON	ON	off
242	off	ON	off	off	ON	ON	ON	ON	off
243	ON	ON	off	off	ON	ON	ON	ON	off
244	off	off	ON	off	ON	ON	ON	ON	off
245	ON	off	ON	off	ON	ON	ON	ON	off
246	off	ON	ON	off	ON	ON	ON	ON	off
247	ON	ON	ON	off	ON	ON	ON	ON	off
248	off	off	off	ON	ON	ON	ON	ON	off
249	ON	off	off	ON	ON	ON	ON	ON	off
250	off	ON	off	ON	ON	ON	ON	ON	off
251	ON	ON	off	ON	ON	ON	ON	ON	off
252	off	off	ON	ON	ON	ON	ON	ON	off
253	ON	off	ON	ON	ON	ON	ON	ON	off
254	off	ON	ON	ON	ON	ON	ON	ON	off
255	ON	ON	ON	ON	ON	ON	ON	ON	off

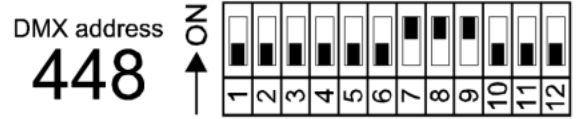


DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
256	off	off	off	off	off	off	off	off	ON
257	ON	off	off	off	off	off	off	off	ON
258	off	ON	off	off	off	off	off	off	ON
259	ON	ON	off	off	off	off	off	off	ON
260	off	off	ON	off	off	off	off	off	ON
261	ON	off	ON	off	off	off	off	off	ON
262	off	ON	ON	off	off	off	off	off	ON
263	ON	ON	ON	off	off	off	off	off	ON
264	off	off	off	ON	off	off	off	off	ON
265	ON	off	off	ON	off	off	off	off	ON
266	off	ON	off	ON	off	off	off	off	ON
267	ON	ON	off	ON	off	off	off	off	ON
268	off	off	ON	ON	off	off	off	off	ON
269	ON	off	ON	ON	off	off	off	off	ON
270	off	ON	ON	ON	off	off	off	off	ON
271	ON	ON	ON	ON	off	off	off	off	ON
272	off	off	off	off	ON	off	off	off	ON
273	ON	off	off	off	ON	off	off	off	ON
274	off	ON	off	off	ON	off	off	off	ON
275	ON	ON	off	off	ON	off	off	off	ON
276	off	off	ON	off	ON	off	off	off	ON
277	ON	off	ON	off	ON	off	off	off	ON
278	off	ON	ON	off	ON	off	off	off	ON
279	ON	ON	ON	off	ON	off	off	off	ON
280	off	off	off	ON	ON	off	off	off	ON
281	ON	off	off	ON	ON	off	off	off	ON
282	off	ON	off	ON	ON	off	off	off	ON
283	ON	ON	off	ON	ON	off	off	off	ON
284	off	off	ON	ON	ON	off	off	off	ON
285	ON	off	ON	ON	ON	off	off	off	ON
286	off	ON	ON	ON	ON	off	off	off	ON
287	ON	ON	ON	ON	ON	off	off	off	ON
288	off	off	off	off	off	ON	off	off	ON
289	ON	off	off	off	off	ON	off	off	ON
290	off	ON	off	off	off	ON	off	off	ON
291	ON	ON	off	off	off	ON	off	off	ON
292	off	off	ON	off	off	ON	off	off	ON
293	ON	off	ON	off	off	ON	off	off	ON
294	off	ON	ON	off	off	ON	off	off	ON
295	ON	ON	ON	off	off	ON	off	off	ON
296	off	off	off	ON	off	ON	off	off	ON
297	ON	off	off	ON	off	ON	off	off	ON
298	off	ON	off	ON	off	ON	off	off	ON
299	ON	ON	off	ON	off	ON	off	off	ON
300	off	off	ON	ON	off	ON	off	off	ON
301	ON	off	ON	ON	off	ON	off	off	ON
302	off	ON	ON	ON	off	ON	off	off	ON
303	ON	ON	ON	ON	off	ON	off	off	ON
304	off	off	off	off	ON	ON	off	off	ON
305	ON	off	off	off	ON	ON	off	off	ON
306	off	ON	off	off	ON	ON	off	off	ON
307	ON	ON	off	off	ON	ON	off	off	ON
308	off	off	ON	off	ON	ON	off	off	ON
309	ON	off	ON	off	ON	ON	off	off	ON
310	off	ON	ON	off	ON	ON	off	off	ON
311	ON	ON	ON	off	ON	ON	off	off	ON
312	off	off	off	ON	ON	ON	off	off	ON
313	ON	off	off	ON	ON	ON	off	off	ON
314	off	ON	off	ON	ON	ON	off	off	ON
315	ON	ON	off	ON	ON	ON	off	off	ON
316	off	off	ON	ON	ON	ON	off	off	ON
317	ON	off	ON	ON	ON	ON	off	off	ON
318	off	ON	ON	ON	ON	ON	off	off	ON
319	ON	ON	ON	ON	ON	ON	off	off	ON

DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
320	off	off	off	off	off	off	ON	off	ON
321	ON	off	off	off	off	off	ON	off	ON
322	off	ON	off	off	off	off	ON	off	ON
323	ON	ON	off	off	off	off	ON	off	ON
324	off	off	ON	off	off	off	ON	off	ON
325	ON	off	ON	off	off	off	ON	off	ON
326	off	ON	ON	off	off	off	ON	off	ON
327	ON	ON	ON	off	off	off	ON	off	ON
328	off	off	off	ON	off	off	ON	off	ON
329	ON	off	off	ON	off	off	ON	off	ON
330	off	ON	off	ON	off	off	ON	off	ON
331	ON	ON	off	ON	off	off	ON	off	ON
332	off	off	ON	ON	off	off	ON	off	ON
333	ON	off	ON	ON	off	off	ON	off	ON
334	off	ON	ON	ON	off	off	ON	off	ON
335	ON	ON	ON	ON	off	off	ON	off	ON
336	off	off	off	off	ON	off	ON	off	ON
337	ON	off	off	off	ON	off	ON	off	ON
338	off	ON	off	off	ON	off	ON	off	ON
339	ON	ON	off	off	ON	off	ON	off	ON
340	off	off	ON	off	ON	off	ON	off	ON
341	ON	off	ON	off	ON	off	ON	off	ON
342	off	ON	ON	off	ON	off	ON	off	ON
343	ON	ON	ON	off	ON	off	ON	off	ON
344	off	off	off	ON	ON	off	ON	off	ON
345	ON	off	off	ON	ON	off	ON	off	ON
346	off	ON	off	ON	ON	off	ON	off	ON
347	ON	ON	off	ON	ON	off	ON	off	ON
348	off	off	ON	ON	ON	off	ON	off	ON
349	ON	off	ON	ON	ON	off	ON	off	ON
350	off	ON	ON	ON	ON	off	ON	off	ON
351	ON	ON	ON	ON	ON	off	ON	off	ON
352	off	off	off	off	off	ON	ON	off	ON
353	ON	off	off	off	off	ON	ON	off	ON
354	off	ON	off	off	off	ON	ON	off	ON
355	ON	ON	off	off	off	ON	ON	off	ON
356	off	off	ON	off	off	ON	ON	off	ON
357	ON	off	ON	off	off	ON	ON	off	ON
358	off	ON	ON	off	off	ON	ON	off	ON
359	ON	ON	ON	off	off	ON	ON	off	ON
360	off	off	off	ON	off	ON	ON	off	ON
361	ON	off	off	ON	off	ON	ON	off	ON
362	off	ON	off	ON	off	ON	ON	off	ON
363	ON	ON	off	ON	off	ON	ON	off	ON
364	off	off	ON	ON	off	ON	ON	off	ON
365	ON	off	ON	ON	off	ON	ON	off	ON
366	off	ON	ON	ON	off	ON	ON	off	ON
367	ON	ON	ON	ON	off	ON	ON	off	ON
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369	ON	off	off	off	ON	ON	ON	off	ON
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371	ON	ON	off	off	ON	ON	ON	off	ON
372	off	off	ON	off	ON	ON	ON	off	ON
373	ON	off	ON	off	ON	ON	ON	off	ON
374	off	ON	ON	off	ON	ON	ON	off	ON
375	ON	ON	ON	off	ON	ON	ON	off	ON
376	off	off	off	ON	ON	ON	ON	off	ON
377	ON	off	off	ON	ON	ON	ON	off	ON
378	off	ON	off	ON	ON	ON	ON	off	ON
379	ON	ON	off	ON	ON	ON	ON	off	ON
380	off	off	ON	ON	ON	ON	ON	off	ON
381	ON	off	ON	ON	ON	ON	ON	off	ON
382	off	ON	ON	ON	ON	ON	ON	off	ON
383	ON	ON	ON	ON	ON	ON	ON	off	ON



DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
384	off	off	off	off	off	off	off	ON	ON
385	ON	off	off	off	off	off	off	ON	ON
386	off	ON	off	off	off	off	off	ON	ON
387	ON	ON	off	off	off	off	off	ON	ON
388	off	off	ON	off	off	off	off	ON	ON
389	ON	off	ON	off	off	off	off	ON	ON
390	off	ON	ON	off	off	off	off	ON	ON
391	ON	ON	ON	off	off	off	off	ON	ON
392	off	off	off	ON	off	off	off	ON	ON
393	ON	off	off	ON	off	off	off	ON	ON
394	off	ON	off	ON	off	off	off	ON	ON
395	ON	ON	off	ON	off	off	off	ON	ON
396	off	off	ON	ON	off	off	off	ON	ON
397	ON	off	ON	ON	off	off	off	ON	ON
398	off	ON	ON	ON	off	off	off	ON	ON
399	ON	ON	ON	ON	off	off	off	ON	ON
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402	off	ON	off	off	ON	off	off	ON	ON
403	ON	ON	off	off	ON	off	off	ON	ON
404	off	off	ON	off	ON	off	off	ON	ON
405	ON	off	ON	off	ON	off	off	ON	ON
406	off	ON	ON	off	ON	off	off	ON	ON
407	ON	ON	ON	off	ON	off	off	ON	ON
408	off	off	off	ON	ON	off	off	ON	ON
409	ON	off	off	ON	ON	off	off	ON	ON
410	off	ON	off	ON	ON	off	off	ON	ON
411	ON	ON	off	ON	ON	off	off	ON	ON
412	off	off	ON	ON	ON	off	off	ON	ON
413	ON	off	ON	ON	ON	off	off	ON	ON
414	off	ON	ON	ON	ON	off	off	ON	ON
415	ON	ON	ON	ON	ON	off	off	ON	ON
416	off	off	off	off	off	ON	off	ON	ON
417	ON	off	off	off	off	ON	off	ON	ON
418	off	ON	off	off	off	ON	off	ON	ON
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425	ON	off	off	ON	off	ON	off	ON	ON
426	off	ON	off	ON	off	ON	off	ON	ON
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430	off	ON	ON	ON	off	ON	off	ON	ON
431	ON	ON	ON	ON	off	ON	off	ON	ON
432	off	off	off	off	ON	ON	off	ON	ON
433	ON	off	off	off	ON	ON	off	ON	ON
434	off	ON	off	off	ON	ON	off	ON	ON
435	ON	ON	off	off	ON	ON	off	ON	ON
436	off	off	ON	off	ON	ON	off	ON	ON
437	ON	off	ON	off	ON	ON	off	ON	ON
438	off	ON	ON	off	ON	ON	off	ON	ON
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442	off	ON	off	ON	ON	ON	off	ON	ON
443	ON	ON	off	ON	ON	ON	off	ON	ON
444	off	off	ON	ON	ON	ON	off	ON	ON
445	ON	off	ON	ON	ON	ON	off	ON	ON
446	off	ON	ON	ON	ON	ON	off	ON	ON
447	ON	ON	ON	ON	ON	ON	off	ON	ON



DMX	Dip1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9
448	off	off	off	off	off	off	ON	ON	ON
449	ON	off	off	off	off	off	ON	ON	ON
450	off	ON	off	off	off	off	ON	ON	ON
451	ON	ON	off	off	off	off	ON	ON	ON
452	off	off	ON	off	off	off	ON	ON	ON
453	ON	off	ON	off	off	off	ON	ON	ON
454	off	ON	ON	off	off	off	ON	ON	ON
455	ON	ON	ON	off	off	off	ON	ON	ON
456	off	off	off	ON	off	off	ON	ON	ON
457	ON	off	off	ON	off	off	ON	ON	ON
458	off	ON	off	ON	off	off	ON	ON	ON
459	ON	ON	off	ON	off	off	ON	ON	ON
460	off	off	ON	ON	off	off	ON	ON	ON
461	ON	off	ON	ON	off	off	ON	ON	ON
462	off	ON	ON	ON	off	off	ON	ON	ON
463	ON	ON	ON	ON	off	off	ON	ON	ON
464	off	off	off	off	ON	off	ON	ON	ON
465	ON	off	off	off	ON	off	ON	ON	ON
466	off	ON	off	off	ON	off	ON	ON	ON
467	ON	ON	off	off	ON	off	ON	ON	ON
468	off	off	ON	off	ON	off	ON	ON	ON
469	ON	off	ON	off	ON	off	ON	ON	ON
470	off	ON	ON	off	ON	off	ON	ON	ON
471	ON	ON	ON	off	ON	off	ON	ON	ON
472	off	off	off	ON	ON	off	ON	ON	ON
473	ON	off	off	ON	ON	off	ON	ON	ON
474	off	ON	off	ON	ON	off	ON	ON	ON
475	ON	ON	off	ON	ON	off	ON	ON	ON
476	off	off	ON	ON	ON	off	ON	ON	ON
477	ON	off	ON	ON	ON	off	ON	ON	ON
478	off	ON	ON	ON	ON	off	ON	ON	ON
479	ON	ON	ON	ON	ON	off	ON	ON	ON
480	off	off	off	off	off	ON	ON	ON	ON
481	ON	off	off	off	off	ON	ON	ON	ON
482	off	ON	off	off	off	ON	ON	ON	ON
483	ON	ON	off	off	off	ON	ON	ON	ON
484	off	off	ON	off	off	ON	ON	ON	ON
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487	ON	ON	ON	off	off	ON	ON	ON	ON
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495	ON	ON	ON	ON	off	ON	ON	ON	ON
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502	off	ON	ON	off	ON	ON	ON	ON	ON
503	ON	ON	ON	off	ON	ON	ON	ON	ON
504	off	off	off	ON	ON	ON	ON	ON	ON
505	ON	off	off	ON	ON	ON	ON	ON	ON
506	off	ON	off	ON	ON	ON	ON	ON	ON
507	ON	ON	off	ON	ON	ON	ON	ON	ON
508	off	off	ON	ON	ON	ON	ON	ON	ON
509	ON	off	ON	ON	ON	ON	ON	ON	ON
510	off	ON	ON	ON	ON	ON	ON	ON	ON
511	ON	ON	ON	ON	ON	ON	ON	ON	ON

Funzionamento automatico con sequenze di colori

Per fare funzionare il controller in modo automatico (STAND ALONE / MASTER), il dip-switch 12 deve essere in posizione di ON. Quando il controller viene acceso inizia ad eseguire le operazioni impostate tramite i dip-switches.

Se all'accensione i proiettori dovranno eseguire delle sequenze di colori il dip-switch 1 deve essere nella posizione di OFF.

Se all'accensione i proiettori dovranno generare un colore fisso il dip-switch 1 deve essere in posizione di ON.

ATTENZIONE: Quando il controller funziona in modo automatico genera segnali DMX, bisogna scollegarlo da centraline DMX o altri controller MASTER in quanto si possono generare conflitti fra i segnali.

Sequenze di colori: tramite i Dip 2, 3, 4, 5 si sceglie la sequenza che il proiettore esegue in automatico

Dip 2	Dip 3	Dip 4	Dip 5	Funzione
off	off	off	off	SEQ. 1
ON	off	off	off	SEQ. 2
off	ON	off	off	SEQ. 3
ON	ON	off	off	SEQ. 4
off	off	ON	off	SEQ. 5
ON	off	ON	off	SEQ. 6
off	ON	ON	off	SEQ. 7
ON	ON	ON	off	SEQ. 8
off	off	off	ON	SEQ. 9
ON	off	off	ON	SEQ. 10
off	ON	off	ON	SEQ. 11
ON	ON	off	ON	SEQ. 12
off	off	ON	ON	SEQ. 13
ON	off	ON	ON	SEQ. 14
off	ON	ON	ON	SEQ. 15
ON	ON	ON	ON	SEQ. 16

(vedi la tabella che segue)

Direzione lettura sequenza colori



SEQ. 1	SEQ. 2	SEQ. 3	SEQ. 4	SEQ. 5	SEQ. 6	SEQ. 7	SEQ. 8
bianco	bianco	Viola ch.	blu	magenta	ciano	ciano	rosa
blu	blu	azzurro	magenta	blu	verde ch.	azzurro	azzurro
magenta	bianco	arancio	blu	verde	verde	blu	arancio
rosso	magenta	rosa	rosso	viola	blu	viola	giallo
giallo	bianco	Verde ch.	blu	rosso			
verde	rosso	giallo	verde				
ciano	bianco						
verde	giallo						
giallo	bianco						
rosso	verde						
magenta	bianco						
blu	ciano						
SEQ. 9	SEQ. 10	SEQ. 11	SEQ. 12	SEQ. 13	SEQ. 14	SEQ. 15	SEQ. 16
rosa	giallo	rosso	ciano	rosso	verde	magenta	rosa
magenta	arancio	verde	magenta	blu	blu	ciano	azzurro
rosso	rosso	blu	giallo				
arancio							

Slope time: tramite i Dip 6, 7, 8 si sceglie il tempo necessario per passare da un colore all'altro.

Dip 6	Dip 7	Dip 8	Secondi	Minuti
off	off	off	1	
ON	off	off	5	
off	ON	off	10	
ON	ON	off	20	
off	off	ON		1
ON	off	ON		5
off	ON	ON		10
ON	ON	ON		20

Hold time: tramite i Dip 9, 10, 11 si sceglie il tempo di permanenza del colore, prima del cambio.

Dip 9	Dip 10	Dip 11	Secondi	Minuti
off	off	off	1	
ON	off	off	5	
off	ON	off	10	
ON	ON	off	20	
off	off	ON		1
ON	off	ON		5
off	ON	ON		10
ON	ON	ON		20

Funzionamento automatico con colore fisso

Per fare funzionare il controller in modo automatico (STAND ALONE / MASTER), il dip-switch 12 deve essere in posizione di ON. Quando il controller viene acceso inizia ad eseguire le operazioni impostate tramite i dip-switches.

Se all'accensione i proiettori dovranno generare un colore fisso il dip-switch 1 deve essere in posizione di ON.

ATTENZIONE: Quando il controller funziona in modo automatico genera segnali DMX, bisogna scollegarlo da centraline DMX o altri controller MASTER in quanto si possono generare conflitti fra i segnali.

Se il dip switch 1 = ON, i Dip da 2 a 11 servono per selezionare il colore fisso che il proiettore eseguirà in automatico.

Dip2	Dip3	Dip4	Dip5	Dip6	COLORE
Off	off	off	off	off	Black Out
ON	off	off	off	off	ROSSO
Off	ON	off	off	off	Tonalità dal ROSSO al MAGENTA
ON	ON	off	off	off	
off	off	ON	off	off	
ON	off	ON	off	off	
off	ON	ON	off	off	
ON	ON	ON	off	off	MAGENTA
off	off	off	ON	off	Tonalità da MAGENTA al BLU
ON	off	off	ON	off	
off	ON	off	ON	off	
ON	ON	off	ON	off	
off	off	ON	ON	off	BLU
ON	off	ON	ON	off	Tonalità da BLU al CIANO
off	ON	ON	ON	off	
ON	ON	ON	ON	off	
off	ON	ON	ON	off	
ON	off	off	off	ON	CIANO
off	ON	off	off	ON	Tonalità da CIANO al VERDE
ON	ON	off	off	ON	
off	off	ON	off	ON	
ON	off	ON	off	ON	
off	ON	ON	off	ON	VERDE
ON	ON	ON	off	ON	Tonalità da VERDE al GIALLO
off	off	off	ON	ON	
ON	off	off	ON	ON	
off	ON	off	ON	ON	
ON	ON	off	ON	ON	GIALLO
off	off	ON	ON	ON	Tonalità da GIALLO al ROSSO
ON	off	ON	ON	ON	
off	ON	ON	ON	ON	
ON	ON	ON	ON	ON	Black Out

Dip7	Dip8	Dip9	BILANCIAMENTO
off	off	off	COLORE 100%
ON	off	off	I valori intermedi, bilanciano il colore selezionato, dal colore pieno al bianco
off	ON	off	
ON	ON	off	
off	off	ON	
ON	off	ON	
off	ON	ON	
ON	ON	ON	BIANCO 100%

Dip10	Dip11	INTENSITA'
off	off	25%
ON	off	50%
off	ON	75%
ON	ON	100%

Parti di ricambio

Quando vengono ordinati pezzi di ricambio, è necessario menzionare il modello e il numero di serie del proiettore.

Chiamate il vostro rivenditore di zona per avere qualsiasi assistenza o direttamente il costruttore.

PER QUALUNQUE DUBBIO CONTATTATE IL VOSTRO RIVENDITORE OPPURE INVIATE UNA E-MAIL A:

tech@lamposrl.it

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