

Operation

Controlling the fixture via DMX

The following table shows the control channels of the Palco 3 and Palco 5 and relative on-board patch.

Channel DMX	Function	Description
Ch 1	Shutter/Strobe	Shutter and strobe functions are adjustable and random. Pulse Functions
Ch 2	Dimmer	Luminous intensity control
Ch 3	Red	Continuous Red saturation control 0-100%
Ch 4	Green	Continuous Green saturation control 0-100%
Ch 5	Blue	Continuous Blue saturation control 0-100%
Ch 6	CTC	Continuous colour temperature control
Ch 7	Macro	Macro functions
Ch 8	Mod_Colore	White balance control

Dimmer Channel Ch 2

DMX Value	Mean Value	Function
0 - 255		Linear intensity adjustment 0 – 100 %

Red Channel Ch 3

DMX Value	Mean Value	Function
0 - 255		Linear Red saturation adjustment 0 – 100 %

Green Channel Ch 4

DMX Value	Mean Value	Function
0 - 255		Linear Green saturation adjustment 0 – 100 %

Blue Channel Ch 5

DMX Value	Mean Value	Function
0 - 255		Linear Blue saturation adjustment 0 – 100 %

Strobe/Shutter Channel Ch 1

DMX Value	Mean Value	Function
0 - 7		Shutter closed
8 - 15		Shutter open
16 - 151		Linear Strobe frequency adjustment from 1 to 20 Hz
152 - 159		Pulse open effect low speed
160 - 167		Pulse open effect medium speed
168 - 175		Pulse open effect high speed
176 - 183		Pulse close effect low speed
184 - 191		Pulse close effect medium speed
191 -199		Pulse close effect high speed
200 - 207		Random strobe effect low speed
208 - 215		Random strobe effect medium speed
216 - 223		Random strobe effect high speed
224 - 255		Shutter open

Macro Channel Ch 7

DMX Value	Mean Value	Function
0 - 7	4	NO MACRO
8 - 15	12	MACRO 1 Rainbow Slow - Stand Time 5 sec
16 - 23	20	MACRO 2 Rainbow Medium - Stand Time 5 sec
24 - 31	28	MACRO 3 Rainbow Fast - Stand Time 5 sec
32 - 39	36	MACRO 4 Rainbow Slow - NO Stand time
40 - 47	44	MACRO 5 Rainbow Medium - NO Stand time
48 - 55	52	MACRO 6 Rainbow Fast - NO Stand time
56 - 63	60	MACRO 7 Rainbow Very slow - NO Stand time
64 - 70	68	MACRO 8 Random Colour Slow
71	71	Store Colour_mode enable
72 - 79	76	MACRO 9 Random Color Medium
80 - 87	84	MACRO 10 Random Color Fast
88 - 95	92	Future
96 - 103	100	Future
104 - 111	108	Future
112 - 119	116	Future
120 -136	128	Future

Colour Mode Channel Ch 8

DMX Value	Mean Value	Function
0 - 63	32	White balance disabled (Full Colour)
64 - 189	127	White balance enabled (Balanced)
190 - 250	220	White balance disabled (Full Colour)
251 - 255	253	Store a new white balance

CTC Channel Ch 6

DMX Value	Mean Value	Function
0 - 19	10	OFF
20 - 255	138	From Cold + 2000 K° to Warm - 2000 k° compared to balanced white or not