

4.1 BASIC ADDRESSING

- Connect all of the units in series using standard DMX512 signal cable or the IP65 rated cable provided.
- Set the DMX512 address in the **[DMX]** menu.
- It is possible to have the same DMX address or independent addresses for each fixture.

4.2 CHANNEL ASSIGNMENT

DMX MODE

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	MASTER DIMMER
2	0 ↔ 255	RED (or STEP TIME when PR.01-PR.10 is activated)
3	0 ↔ 255	GREEN (or FADE TIME when PR.01-PR.10 is activated)
4	0 ↔ 255	BLUE
5	0 ↔ 10	NO FUNCTION
	11 ↔ 34	RED
	35 ↔ 69	GREEN
	70 ↔ 104	BLUE
	105 ↔ 139	YELLOW
	140 ↔ 174	PURPLE
	175 ↔ 209	CYAN
	210 ↔ 255	WHITE
6	0 ↔ 9	NO FUNCTION
	10 ↔ 63	STROBE 1
	64 ↔ 127	STROBE 2
	128 ↔ 191	STROBE 3
	192 ↔ 255	STROBE 4
7	0 ↔ 9	NO FUNCTION
	10 ↔ 19	AT. 01 (AUTO 01)
	20 ↔ 29	AT. 02
	30 ↔ 39	AT. 03
	40 ↔ 49	AT. 04
	50 ↔ 59	AT. 05
	60 ↔ 69	AT. 06
	70 ↔ 79	AT. 07
	80 ↔ 89	AT. 08
	90 ↔ 99	AT. 09

CHANNEL	VALUE	FUNCTION
7	100 ↔ 109	AT. 101. (AT.01 to AT.09 cycle 5mineach AUTOmode)
	110 ↔ 119	PR.C1 (CUSTOM PROGRAM 1)
	120 ↔ 129	PR.C2
	130 ↔ 139	PR.C3
	140 ↔ 149	PR.C4
	150 ↔ 159	PR.C5
	160 ↔ 169	PR.C6
	170 ↔ 179	PR.C7
	180 ↔ 189	PR.C8
	190 ↔ 199	PR.C9
	200 ↔ 255	PR.10
		ID ADDRESS
8	0 ↔ 9	ID1-ID66
	10 ↔ 19	ID1
	20 ↔ 29	ID2
	30 ↔ 39	ID3
	40 ↔ 49	ID4
	50 ↔ 59	ID5
	60 ↔ 69	ID6
	70 ↔ 79	ID7
	80 ↔ 89	ID8
	90 ↔ 99	ID9
	100 ↔ 109	ID10
	110 ↔ 119	ID11
	120 ↔ 129	ID12
	130 ↔ 139	ID13
	140 ↔ 149	ID14
	150 ↔ 159	ID15
	160 ↔ 169	ID16
	170 ↔ 179	ID17
	180 ↔ 189	ID18
	190 ↔ 199	ID19
	200 ↔ 209	ID20
	210	ID21
	211	ID22
	212	ID23
	213	ID24
	214	ID25
	215	ID26
	216	ID27
	217	ID28
	218	ID29
219	ID30	

CHANNEL	VALUE	FUNCTION
	220	ID31
	221	ID32
	222	ID33
	223	ID34
	224	ID35
	225	ID36
	226	ID37
	227	ID38
	228	ID39
	229	ID40
	230	ID41
	231	ID42
	232	ID43
	233	ID44
	234	ID45
	235	ID46
	236	ID47
	237	ID48
8	238	ID49
	239	ID50
	240	ID51
	241	ID52
	242	ID53
	243	ID54
	244	ID55
	245	ID56
	246	ID57
	247	ID58
	248	ID59
	249	ID60
	250	ID61
	251	ID62
	252	ID63
	253	ID64
	254	ID65
	255	ID66
9	0 ↔ 250	CH1, CH2, CH3 & CH4 INSTANT FADERRESPONSE
	251 ↔ 255	CH1, CH2, CH3 & CH4 DELAY FADERRESPONSE

4.3 BASIC INSTRUCTIONS FOR DMX512 OPERATION

MASTER DIMMER

- CH1 controls the intensity of the currently projected color
- When the slider is at the highest position (255) the intensity of the output is the maximum

RED, GREEN & BLUE COLOR SELECTION

- CH2, CH3 & CH4 control the intensity ratio of each of the RED, GREEN & BLUE LEDs.
- When the slider is at the highest position (255) the intensity of the color is the maximum.
- CH2, CH3 & CH4 can be combined together to create over 16 million colors.
- CH2, CH3 & CH4 have priority over CH4, CH5, CH6 & CH7

COLOR MACROS

- CH5 selects the required COLOR MACRO
- CH5 has priority over CH2, CH3 and CH4
- CH1 is used to control the intensity of the COLOR MACRO

STROBE

- CH 6 controls the strobe of CH1 to CH5
- Strobe 1 is with RGB in-step
- Strobe 2 is with RGB out-step
- Strobe 3 is a pulse strobe (slow on/fast off)
- Strobe 4 is a pulse strobe (fast on/slow off)

ID ADDRESS SELECTION

- CH8 is used to select the target ID address.
- Each independent DMX address may have upto 66 independent ID addresses.
- An ID address of 0 will activate all ID address locations.

AUTO

- CH7 selects the preset AUTO programs AT.01-AT10 or the custom AUTO programs PR.C1-PR.10
- When activating the custom AUTO programs PR.C1 to PR.10 then it is possible to control the STEP TIME and FADE TIME using CH2 and CH3 respectively.

CH9 is used to select whether the unit operates with an instant response to the DMX fader or whether there is a preset delay response.