

4 USING A DMX512 CONTROLLER

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

- Note: This product have three DMX512 channel configuration: **[STAGE 1]** , **[BLOCK]** , **[ARC 1]** and **[ARC 1+D]**

STAGE 1

CHANNEL	VALUE	FUNCTION
1		DIMMER
	0 ↔ 255	
2		RED
	0 ↔ 255	(or STEP TIME when Customs 01-10 in Ch7 is activated)
3		GREEN
	0 ↔ 255	(or FADE TIME when Customs 01-10 in Ch7 is activated)
4		BLUE
	0 ↔ 255	
5	0 ↔ 10	MARCO No function
	11 ↔ 35	RED 100% / GREEN UP / BLUE 0%
	36 ↔ 60	RED DOWN / GREEN 100% / BLUE 0%
	61 ↔ 85	RED 0% / GREEN 100% / BLUE UP
	86 ↔ 110	RED 0% / GREEN DOWN / BLUE 100%
	111 ↔ 135	RED UP / GREEN 0% / BLUE 100%
	136 ↔ 160	RED 100% / GREEN 0% / BLUE DOWN
	161 ↔ 185	RED 100% / GREEN UP / BLUE UP
	186 ↔ 210	RED DOWN / GREEN DOWN / BLUE 100%
	211 ↔ 215	WHITE 1: 3200K
	216 ↔ 220	WHITE 2: 3400K
	221 ↔ 225	WHITE 3: 4200K
	226 ↔ 230	WHITE 4: 4900K
	231 ↔ 235	WHITE 5: 5600K
	236 ↔ 240	WHITE 6: 5900K
	241 ↔ 245	WHITE 7: 6500K
246 ↔ 250	WHITE 8: 7200K	
251 ↔ 255	WHITE 9: 8500K	
6		STROBE
	0 ↔ 9	No function
	10 ↔ 255	Strobe speed (0-20Hz)

CHANNEL	VALUE	FUNCTION
7	0 ↔ 10	Fans, Auto Reset to display Fan setting
	11 ↔ 20	Fan closed (activated after 5 seconds)
	21 ↔ 30	Fan low speed (activated after 5 seconds)
	31 ↔ 40	Fan normal (activated after 5 seconds)
	41 ↔ 50	Fan high speed (activated after 5 seconds)
	51 ↔ 60	Fan auto speed (activated after 5 seconds)
	61 ↔ 70	Auto 1
	71 ↔ 80	Auto 2
	81 ↔ 90	Auto 3
	91 ↔ 100	Auto 4
	101 ↔ 110	Auto 5
	111 ↔ 120	Auto 6
	121 ↔ 130	Auto 7
	131 ↔ 140	Auto 8
	141 ↔ 150	Auto 9
	151 ↔ 160	Auto 10
	161 ↔ 170	Custom 1
	171 ↔ 180	Custom 2
	181 ↔ 190	Custom 3
	191 ↔ 200	Custom 4
	201 ↔ 210	Custom 5
	211 ↔ 220	Custom 6
	221 ↔ 230	Custom 7
	231 ↔ 240	Custom 8
	241 ↔ 250	Custom 9
251 ↔ 255	Custom 10	
8		AUTO SPEED ADJUSTMENT
	0 ↔ 255	When using CH7,AUTO01-AUTO10, this function activated
9		ID ADDRESS
	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	

CHANNEL	VALUE	FUNCTION
9	170 ↔ 179	ID17
	180 ↔ 189	ID18
	190 ↔ 199	ID19
	200 ↔ 209	ID20
	210	ID21
	211	ID22
	⋮	⋮
	254	ID65
	255	ID66
	10	
0 ↔ 10		BLOCK1,BLOCK2,BLOCK3,BLOCK4,BLOCK5
11 ↔ 21		BLOCK1
22 ↔ 32		BLOCK2
33 ↔ 43		BLOCK3
44 ↔ 54		BLOCK4
55 ↔ 65		BLOCK5
66 ↔ 76		BLOCK1,BLOCK2
77 ↔ 87		BLOCK2,BLOCK3
88 ↔ 98		BLOCK3,BLOCK4
99 ↔ 109		BLOCK4,BLOCK5
121 ↔ 131		BLOCK1,BLOCK2,BLOCK3
132 ↔ 142		BLOCK2,BLOCK3,BLOCK4
143 ↔ 153		BLOCK3,BLOCK4,BLOCK5
154 ↔ 164		BLOCK1,BLOCK5
165 ↔ 175		BLOCK2,BLOCK4
176 ↔ 186		BLOCK1,BLOCK3
187 ↔ 197		BLOCK2,BLOCK5
198 ↔ 208		BLOCK1,BLOCK3,BLOCK5
209 ↔ 219		BLOCK1,BLOCK2,BLOCK4,BLOCK5
220 ↔ 230	BLOCK1,BLOCK2	
231 ↔ 241	BLOCK4,BLOCK5	
242 ↔ 255	BLOCK1,BLOCK2,BLOCK3,BLOCK4,BLOCK5	

BLOCK

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	BLOCK1-RED
2	0 ↔ 255	BLOCK1-GREEN
3	0 ↔ 255	BLOCK1-BLUE
4	0 ↔ 255	BLOCK2-RED
5	0 ↔ 255	BLOCK2-GREEN
6	0 ↔ 255	BLOCK2-BLUE
7	0 ↔ 255	BLOCK3-RED
8	0 ↔ 255	BLOCK3-GREEN
9	0 ↔ 255	BLOCK3-BLUE
10	0 ↔ 255	BLOCK4-RED
11	0 ↔ 255	BLOCK4-GREEN
12	0 ↔ 255	BLOCK4-BLUE
13	0 ↔ 255	BLOCK5-RED
14	0 ↔ 255	BLOCK5-GREEN
15	0 ↔ 255	BLOCK5-BLUE

ARC 1

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	RED
2	0 ↔ 255	GREEN
3	0 ↔ 255	BLUE

ARC 1+D

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	MASTER DIMMER
2	0 ↔ 255	RED
3	0 ↔ 255	GREEN
4	0 ↔ 255	BLUE