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 five DMX512 channel configuration: 【STAGE 1】, 【ARC 1】, 【ARC 1+D】, 【ARC 2】 and 【ARC 2+D】

STAGE 1

CHANNEL	VALUE	FUNCTION
1	0⟺255	DIMMER
2	0⟺255	RED (or STEP TIME when Customs 01-10 in CH8 is activated)
3	0⟺255	GREEN (or FADE TIME when Customs 01-10 in CH8 is activated)
4	0⟺255	BLUE
5	0⟺255	WHITE
6	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

CHANNEL	VALUE	FUNCTION
7		**STROBE**
	0⟺4	No function
	5⟺255	Strobe speed (0-20Hz)
8		**Fans, Auto**
	0⟺10	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
9		**AUTO SPEED ADJUSTMENT**
	0⟺255	When using CH8,AUTO01-AUTO10, this function activated
10		**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

CHANNEL	VALUE	FUNCTION
	140⟺149	ID14
	150⟺159	ID15
	160⟺169	ID16
	170⟺179	ID17
	180⟺189	ID18
	190⟺199	ID19
	200⟺209	ID20
	210	ID21
10	211	ID22
	⋮	⋮
	254	ID65
	255	ID66

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**

ARC 2

CHANNEL	VALUE	FUNCTION
1	0⟺255	RED
2	0⟺255	GREEN
3	0⟺255	BLUE
4	0⟺255	WHITE

ARC 2+D

CHANNEL	VALUE	FUNCTION
1	0⟺255	MASTER DIMMER
2	0⟺255	RED
3	0⟺255	GREEN
4	0⟺255	BLUE
5	0⟺255	WHITE