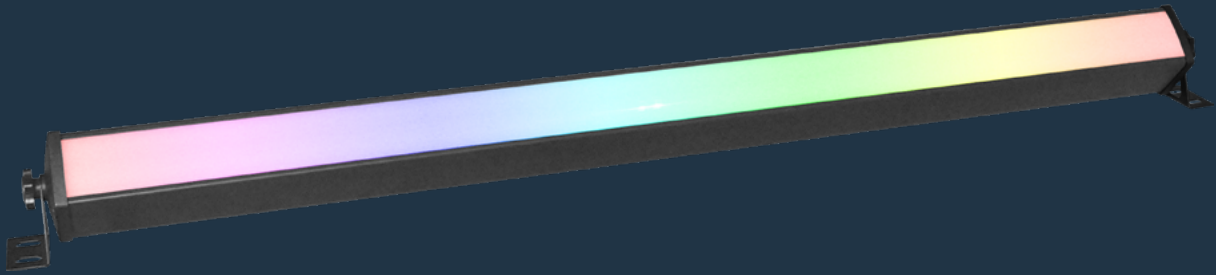


WAVEPIX

WASHER WALL LIGHT



USER MANUAL | MANUAL DE USUARIO

PLEASE READ THE INSTRUCTIONS CAREFULLY BEFORE USE
POR FAVOR LEA LAS INSTRUCCIONES ANTES DE USAR



1. OVERVIEW

WAVE PIX

SEGMENT-CONTROLLABLE RGB LED BAR

VISUAL PIX is a LED bar designed for visual effects that features 224 SMD5050 RGB 3-in-1 LEDs. With an innovative design and programming of its leds, the equipment achieves a sweeping effect and is capable of achieving multiple visual effects thanks to its segment control. With an extended mode of 53 DMX channels, **WAVEPIX** allows you to control each section independently, also incorporating different integrated programs, strobe effect and dimmer 0-100%.

Specifications

Source & Optics

- Light source: 224 LEDs [14*16] SMD5050 RGB 3-in-1

Photometric information

- Flux: xxxx lux @ 2M (6.5ft)
- Beam angle: 90°

Effects and Functions

- Sweeping effect
- Control by segments
- Tri-color LED technology: Smooth multicolor shadowless RGB blending.
- Dimmer: Full range 0-100% general & for all colors
- Strobe effect
- 59 built-in programs with selectable speed

Control

- DMX Channels: 3/5/8/24/48/53
- Operation modes: DMX, audiorhythmic, automatic and Master/Slave.

Physical

- 4 Digits LED Display
- DMX Connectors: 2 XLR Connectors (XLR-3 In & Out)
- IEC input and output power connectors.
- Weight: 3.5kg. / 7.7 lbs.
- Dimensions: 1010x60x60 mm. / 39.7x2.3x2.3 in.

2. SAFETY INSTRUCTIONS



For your own personal safety, please read and understand this manual completely before you attempt to install or operate this unit!

- Please keep this User Manual for future reference. If you sell the unit to another user, be sure that he also receives this instruction booklet.
- Unpack and check the unit carefully that it has not been damaged during transport before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- The unit is for indoor use only in a dry location.
- The unit must be installed in a location with adequate ventilation, at least 1m from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Make sure there are no inflammable materials close to the unit during operation.
- Use safety cable when fixing this unit.
- In the event of serious operating problem, stop using the unit immediately.
- Never try to repair the unit by yourself. Repair carried out by unskilled people can lead to damage or malfunction.
- Please contact the nearest authorized technical assistance center and always use the same type of spare parts.
- Do not touch any wires during operation as high voltage might be causing electric shock.

CAUTION! TAKE CARE USING THIS EQUIPMENT!

High voltage-risk of electric shock!

3. MAINTENANCE

Periodical to maintain the wash light:

- Check the screw of the spare parts in order to use well.
- Clearing the dust and fragments of the inner wash light, to keep the inner wash light clearly.
- Clearing the lens.
- More dust, smoke and granular can cause appearance of the wash light corrosively-even cause overheated to damage equipment
- **ATTENTION:** Before take the light apart, please cut the power source.

4. CLEANING

- Cutting the power source when the light is cool, to move the cover of the light
- Using the vacuum cleaner or the gas from air compressor to remove the dust of the appearance of the strobeflood
- The lens need clearly once every week, otherwise to reduce the bright.
- The fans need clear once every month, to promise the cool effect.
- Clearing the lens must be take care, because the surface of the lens is easy to damage and cutting, and do not use the liquid to clean.
- The PCB do not use the liquid to clean, must be keep it dry, to avoid short circuit.

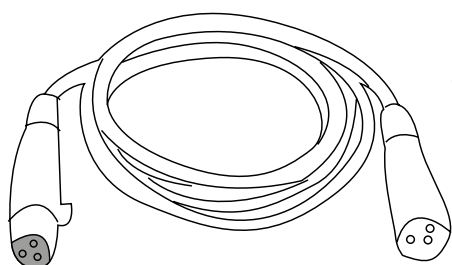
5. DMX SIGNAL CONNECTIONS



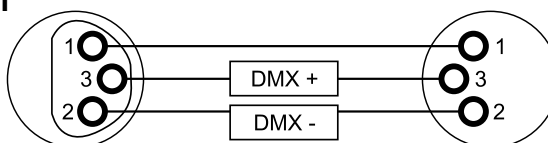
ATTENTION:
DANGER OF LIFE! RISK OF BURNS! RISK OF FIRE! RISK OF SHORT CIRCUIT!

- Be sure to follow figures 2 & 3 when making your own cables.
- Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing.
- Grounding the shield could cause a short circuit and erratic behaviour.

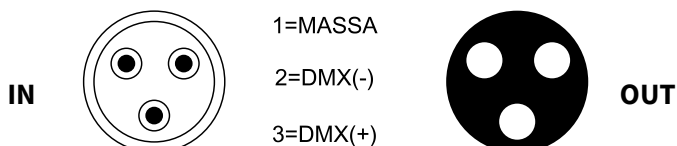
3-PIN XLR TO 5-PIN XLR CONVERSION		
CONDUCTOR	3Pin XLR Female (OUT)	5-Pin XLR Male (IN)
GROUND/SHIELD	Pin 1	Pin 1
DATA COMPLIMENT (-SIGNAL)	Pin 2	Pin 2
DATA TRUE (+SIGNAL)	Pin 3	Pin 3
NOT USED		Pin 4-Do Not Used
NOT USED		Pin 5-Do Not Used



DMX-512 OUT
3-PIN XLR



DMX-512 IN
3-PIN XLR



- Never let the power - cable come into contact with other cables. Handle the power-cable and all mains voltage connections with particular caution !
- Never remove warning or informative labels from the equipment.
- Do not open the equipment and do not modify the equipment.
- Do not connect this equipment to a dimmer-pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the systems life.
- Only use the equipment indoors.
- Do not expose to flammables sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available voltage is 110-240v.
- Make sure that the power-cable is never crimped or damaged. Check the equipment and the power-cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately.
- Have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e. g. after transportation) do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- Only use fuses of same type and rating.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.

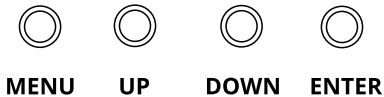
6. OPERATING DETERMINATIONS

- If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void.
- In Correct operation may lead to danger e.g.: short-circuit, burns, electric shocks, lamp failure etc.
- Do not endanger your own safety and the safety of others! Incorrect installation or use can cause serious damage to people and property.

4. DIGITAL DISPLAY OPERATION



After starting press MENU enter into main-menu, Press UP/DOWN to select the submenu, and then press ENTER confirm.



5. SETTING MENU LED DISPLAY

MODE	PROGRAMMING	DESCRIPTION		
AUTOMODE	AUTO	MODE AUTO-RUN MODE		
OMX Mode	Adrr	3CH	A001-A510	Each channel mode is a separate address, plugged into the console, automatically enter DMX mode.
		SCH	A001-A508	
		8CH	A001-A505	
		24CH	A001-A489	
		48CH	A001-A465	
		OMX Mode	A001-A460	
Show	Shau	Sh1-54	Program Show 1-54	
		Sp1-10	Program Speed 1-10 (slow-fast)	
		St0-9	Program Flash 0-9 (slow-fast)	
Sound Mode	Saud	Sou1	Sen1-9	Mic Sensitivity
		Sou2		
		Sou3		
Edit Color		R000-255	Red(0-100%)Red Dimming	
		G000-255	Green(0-100%) Green Dimming	
		8000-255	Bule(0-100%) Buie Dimming	
		St0-St9	LED Strobe (slow-fast)	
Static colors	Stat	CL00-CL26	RGB static color	
Slave	Slav	Slave	Slav(Slave,automatically identify the host)	
Information	Info	Ver	VVxx	Soft version

MODE	PROGRAMMING		DESCRIPTION	
AUTOMODE	AUTO		MODE AUTO-RUN MODE	
Product Set	Set	Dis	10s	Set the backlight of the display board. from 10 seconds to continuous light, factory default is 10 seconds.
			20s	
			30s	
			60s	
			ON	
	Dir	c::>	Setting direction right	
		φ::i	Setting direction left	

6. DMX CHANNELS

DMX MODE 1: 3 CH

CHANNELS	VALUE	DESCRIPTION
CH 1	10-255	ALL RED (0-100%)
CH 2	0-255	ALL GREEN (0-100%)
CH 3	0-255	ALL BLUE (0-100%)

DMX MODE 2: 5 CH

CHANNELS	VALUE	DESCRIPTION	
CH 1	0-255	Dimmer (Master dimmer)	
CH 2	0-9	No Function	Strobe
	0-255	Slow>Fast	
CH 3	0-255	ALL RED (0-100%)	
CH 4	0-255	ALL GREEN (0-100%)	
CH 5	0-255	ALL BLUE (0-100%)	

DMX MODE 3: 8 CH

CHANNELS	VALUE	DESCRIPTION
CH 1	0-255	Dimmer (Master dimmer)
CH 2	0-9	ALL RED (0-100%)
CH 3	0-255	ALL GREEN (0-100%)
CH 4	0-255	ALL BLUE (0-100%)
CH5 (When CH6 value <10, this DMX Channels is valid)	0-9	No Function (CH2-Ch4 effective)
	10-13	Static color(CH7 Choice)
	14-17	Built-in effects 1
	18-21	Built-in effects 2
	22-25	Built-in effects 3
	26-29	Built-in effects 4
	30-33	Built-in effects 5
	34-37	Built-in effects 6
	38-41	Built-in effects 7
	42-45	Built-in effects 8
	46-49	Built-in effects 9
	50-53	Built-in effects 10
	54-57	Built-in effects 11
	58-61	Built-in effects 12
	62-65	Built-in effects 13
	66-69	Built-in effects 14
	70-73	Built-in effects 15
	74-77	Built-in effects 16
	78-81	Built-in effects 17
	82-85	Built-in effects 18
	86-89	Built-in effects 19
	90-93	Built-in effects 20
	94-97	Built-in effects 21
	98-101	Built-in effects 22
	102-105	Built-in effects 23
	106-109	Built-in effects 24
	110-113	Built-in effects 25
114-117	Built-in effects 26	
118-121	Built-in effects 27	

CH5 (When CH6 value <10, this DMX Channels is valid)	122-125	Built-in effects 28
	126-129	Built-in effects 29
	130-133	Built-in effects 30
	134-137	Built-in effects 31
	138-141	Built-in effects 32
	142-145	Built-in effects 33
	146-149	Built-in effects 34
	150-153	Built-in effects 35
	154-157	Built-in effects 36
	158-161	Built-in effects 37
	162-165	Built-in effects 38
	166-169	Built-in effects 39
	170-173	Built-in effects 40
	174-177	Built-in effects 41
	178-181	Built-in effects 42
	182-185	Built-in effects 43
	186-189	Built-in effects 44
	190-193	Built-in effects 45
	194-197	Built-in effects 46
	198-201	Built-in effects 47
	202-205	Built-in effects 48
	206-209	Built-in effects 49
	210-213	Built-in effects 50
	214-217	Built-in effects 51
	218-221	Built-in effects 52
	222-225	Built-in effects 53
	226-229	Built-in effects 54
	230-233	Auto Mode (Run built in effects 1-54)
	234-237	DMX Sound model
	238-241	DMX Sound mode2
242-255	DMX Sound mode3	
CH6 (Prior to CH5)	0-9	No Function (CHS valid)
	10-19	Pattern Effects 1 (CH2, CH3, CH4 Control pattern color)
	20-29	Pattern Effects 2 (CH2, CH3, CH4 Control pattern color)
	30-39	Pattern Effects 3 (CH2, CH3, CH4 Control pattern color)
	40-49	Pattern Effects 4 (CH2, CH3, CH4 Control pattern color)

CH6 (Prior to CH5)	50-59	Pattern Effects 5 (CH2, CH3, CH4 Control pattern color)
	60-69	Pattern Effects 6 (CH2, CH3, CH4 Control pattern color)
	70-79	Pattern Effects 7 (CH2, CH3, CH4 Control pattern color)
	80-89	Pattern Effects 8 (CH2, CH3, CH4 Control pattern color)
	90-99	Pattern Effects 9 (CH2, CH3, CH4 Control pattern color)
	100-109	Pattern Effects 10 (CH2, CH3, CH4 Control pattern color)
	110-119	Pattern Effects 11 (CH2, CH3, CH4 Control pattern color)
	120-129	Pattern Effects 12 (CH2, CH3, CH4 Control pattern color)
	130-139	Pattern Effects 13 (CH2, CH3, CH4 Control pattern color)
	140-149	Pattern Effects 14 (CH2, CH3, CH4 Control pattern color)
	166-171	Pattern Effect 11 (CH2, CH3, CH4 Control pattern color)
	172-177	Pattern Effect 12(CH2, CH3, CH4 Control pattern color)
	178-183	Pattern Effects 13 (CH2, CH3, CH4 Control pattern color)
	184-189	Pattern Effects 14 (CH2, CH3, CH4 Control pattern color)
	190-195	Pattern Effects 15 (CH2, CH3, CH4 Control pattern color)
	196-201	Pattern Effects 16 (CH2, CH3, CH4 Control pattern color)
	202-207	Pattern Effects 17 (CH2, CH3, CH4 Control pattern color)
	208-213	Pattern Effects 18 (CH2, CH3, CH4 Control pattern color)
	214-219	Pattern Effects 19 (CH2, CH3, CH4 Control pattern color)
	220-225	Pattern Effects 20 (CH2, CH3, CH4 Control pattern color)
	226-231	Pattern Effects 21 (CH2, CH3, CH4 Control pattern color)
	232-237	Pattern Effects 22 (CH2, CH3, CH4 Control pattern color)
	238-243	Pattern Effects 23 (CH2, CH3, CH4 Control pattern color)
	244-255	Pattern Effects 24 (CH2, CH3, CH4 Control pattern color)
CH7	0-255	OMX Program Speed(Slow->fast)
	0-9	No function
	10-19	Static color 1 (I0<=CHS Value <=I3)
	20-29	Static color 2 (I0<=CHS Value<=I3)
	30-39	Static color 3 (I0<=CHS Value<=I3)
	40-49	Static color 4 (I0<=CHS Value<=I3)
	50-59	Static color 5 (I0<=CHS Value<=I3)
	60-69	Static color 6 (I0<=CHS Value<=I3)
	70-79	Static color 7 (I0<=CHS Value<=I3)
	80-89	Static color 8 (I0<=CHS Value<=I3)
	90-99	Static color 9 (I0<=CHS Value<=I3)
	100-109	Static color 10 (I0<=CHS Value<=I3)

CH7	110-119	Static color 11 (10<=CH5 Value<=13)	
	120-129	Static color 12 (10<=CH5 Value<=13)	
	130-139	Static color 13 (10<=CH5 Value<=13)	
	140-149	Static color 14 (10<=CH5 Value<=13)	
	150-159	Static color 15 (10<=CH5 Value<=13)	
	160-169	Static color 16 (10<=CH5 Value<=13)	
	170-179	Static color 17 (10<=CH5 Value<=13)	
	180-189	Static color 18 (10<=CH5 Value<=13)	
	190-199	Static color 19 (10<=CH5 Value<=13)	
	200-209	Static color 20 (10<=CH5 Value<=13)	
	210-219	Static color 21 (10<=CH5 Value<=13)	
	220-229	Static color 22 (10<=CH5 Value<=13)	
	230-239	Static color 23 (10<=CH5 Value<=13)	
	240-249	Static color 24 (10<=CH5 Value<=13)	
	250-255	Static color 25 (10<=CH5 Value<=13)	
CH8	0-9	No Function	Strobe (Strobe)
	10-255	Slow->Fast	

DMX MODE 4: 24 CH

CHANNELS	VALUE	DESCRIPTION
CH 1	0-255	Dimmer (Master dimmer)
CH 2	0-9	ALL RED (0-100%)
CH 3	0-255	ALL GREEN (0-100%)
CH 4	0-255	ALL BLUE (0-100%)
CH5 (When CH6 value <10, this DMX Channels is valid)	0-9	No Function (CH2-Ch4 effective)
	10-13	Static color (CH7)
	14-17	Built-in effects 1
	18-21	Built-in effects 2
	22-25	Built-in effects 3
	26-29	Built-in effects 4
	30-33	Built-in effects 5
	34-37	Built-in effects 6
	38-41	Built-in effects 7
	42-45	Built-in effects 8
	46-49	Built-in effects 9
	50-53	Built-in effects 10
	54-57	Built-in effects 11
	58-61	Built-in effects 12
	62-65	Built-in effects 13
	66-69	Built-in effects 14
	70-73	Built-in effects 15
	74-77	Built-in effects 16
	78-81	Built-in effects 17
	82-85	Built-in effects 18
	86-89	Built-in effects 19
	90-93	Built-in effects 20
	94-97	Built-in effects 21
	98-101	Built-in effects 22
	102-105	Built-in effects 23
	106-109	Built-in effects 24
	110-113	Built-in effects 25
114-117	Built-in effects 26	
118-121	Built-in effects 27	

CH5 (When CH6 value <10, this DMX Channels is valid)	122-125	Built-in effects 28
	126-129	Built-in effects 29
	130-133	Built-in effects 30
	134-137	Built-in effects 31
	138-141	Built-in effects 32
	142-145	Built-in effects 33
	146-149	Built-in effects 34
	150-153	Built-in effects 35
	154-157	Built-in effects 36
	158-161	Built-in effects 37
	162-165	Built-in effects 38
	166-169	Built-in effects 39
	170-173	Built-in effects 40
	174-177	Built-in effects 41
	178-181	Built-in effects 42
	182-185	Built-in effects 43
	186-189	Built-in effects 44
	190-193	Built-in effects 45
	194-197	Built-in effects 46
	198-201	Built-in effects 47
	202-205	Built-in effects 48
	206-209	Built-in effects 49
	210-213	Built-in effects 50
	214-217	Built-in effects 51
	218-221	Built-in effects 52
	222-225	Built-in effects 53
	226-229	Built-in effects 54
	230-233	Auto Mode(Run built in effects 1-54)
234-237	DMX Sound model	
238-241	DMX Sound mode2	
242-255	DMX Sound mode3	
CH6 (Prior to CH5)	0-9	No Function(CH5 Valid)
	10-19	Pattern Effects 1 (CH2, CH3, CH4 Control pattern color)
	20-29	Pattern Effects 2 (CH2, CH3, CH4 Control pattern color)
	30-39	Pattern Effects 3 (CH2, CH3, CH4 Control pattern color)
	40-49	Pattern Effects 4 (CH2, CH3, CH4 Control pattern color)
	50-59	Pattern Effects 5 (CH2, CH3, CH4 Control pattern color)

CH6 (Prior to CH5)	60-69	Pattern Effects 6 (CH2, CH3, CH4 Control pattern color)
	70-79	Pattern Effects 7 (CH2, CH3, CH4 Control pattern color)
	80-89	Pattern Effects 8 (CH2, CH3, CH4 Control pattern color)
	90-99	Pattern Effects 9 (CH2, CH3, CH4 Control pattern color)
	100-109	Pattern Effects 10 (CH2, CH3, CH4 Control pattern color)
	110-119	Pattern Effects 11 (CH2, CH3, CH4 Control pattern color)
	120-129	Pattern Effects 12 (CH2, CH3, CH4 Control pattern color)
	130-139	Pattern Effects 13 (CH2, CH3, CH4 Control pattern color)
	140-149	Pattern Effects 14 (CH2, CH3, CH4 Control pattern color)
	150-159	Pattern Effects 15 (CH2, CH3, CH4 Control pattern color)
	160-169	Pattern Effects 16 (CH2, CH3, CH4 Control pattern color)
	170-179	Pattern Effects 17 (CH2, CH3, CH4 Control pattern color)
	180-189	Pattern Effects 18 (CH2, CH3, CH4 Control pattern color)
	190-199	Pattern Effects 19 (CH2, CH3, CH4 Control pattern color)
	200-209	Pattern Effects 20 (CH2, CH3, CH4 Control pattern color)
	210-219	Pattern Effects 21 (CH2, CH3, CH4 Control pattern color)
	220-229	Pattern Effects 22 (CH2, CH3, CH4 Control pattern color)
	230-239	Pattern Effects 23 (CH2, CH3, CH4 Control pattern color)
	240-255	Pattern Effects 24 (CH2, CH3, CH4 Control pattern color)
	154-159	Pattern Effects 9 (CH2, CH3, CH4 Control pattern color)
	160-165	Pattern Effects 10 (CH2, CH3, CH4 Control pattern color)
	166-171	Pattern Effects 11 (CH2, CH3, CH4 Control pattern color)
	172-177	Pattern Effects 12 (CH2, CH3, CH4 Control pattern color)
	178-183	Pattern Effects 13 (CH2, CH3, CH4 Control pattern color)
	184-189	Pattern Effects 14 (CH2, CH3, CH4 Control pattern color)
	190-195	Pattern Effects 15 (CH2, CH3, CH4 Control pattern color)
	196-201	Pattern Effects 16 (CH2, CH3, CH4 Control pattern color)
	202-207	Pattern Effects 17 (CH2, CH3, CH4 Control pattern color)
	208-213	Pattern Effects 18 (CH2, CH3, CH4 Control pattern color)
	214-219	Pattern Effects 19 (CH2, CH3, CH4 Control pattern color)
	244-255	Pattern Effects 24 (CH2, CH3, CH4 Control pattern color)
	0-255	DMX Program Speed(Slow->fast)
	10-19	Static color 1 (10<=CHS Value <=13)
20-29	Static color 2 (10<=CHS Value <=13)	
30-39	Static color 3 (10<=CHS Value <=13)	
40-49	Static color 4 (10<=CHS Value <=13)	
50-59	Static color 5 (10<=CHS Value <=13)	

CH7	30-39	Static color 3 (10<=CHS Value <=13)		
	40-49	Static color 4 (10<=CHS Value <=13)		
	50-59	Static color 5 (10<=CHS Value <=13)		
	60-69	Static color 6 (10<=CHS Value <=13)		
	70-79	Static color 7 (10<=CHS Value <=13)		
	80-89	Static color 8 (10<=CHS Value <=13)		
	90-99	Static color 9 (10<=CHS Value <=13)		
	100-109	Static color 10 (10<=CHS Value <=13)		
	110-119	Static color 11 (10<=CHS Value <=13)		
	120-129	Static color 12 (10<=CHS Value <=13)		
	130-139	Static color 13 (10<=CHS Value <=13)		
	140-149	Static color 14 (10<=CHS Value <=13)		
	150-159	Static color 15 (10<=CHS Value <=13)		
	160-169	Static color 16 (10<=CHS Value <=13)		
	170-179	Static color 17 (10<=CHS Value <=13)		
	180-189	Static color 18 (10<=CHS Value <=13)		
	190-199	Static color 19 (10<=CHS Value <=13)		
	200-209	Static color 20 (10<=CHS Value <=13)		
	210-219	Static color 21 (10<=CHS Value <=13)		
	220-229	Static color 22 (10<=CHS Value <=13)		
	230-239	Static color 23 (10<=CHS Value <=13)		
	240-249	Static color 24 (10<=CHS Value <=13)		
	250-255	Static color 25 (10<=CHS Value <=13)		
	CH8	0-9	No Function	Strobe (Strobe)
		10-255	Slow->Fast	
CH9	0-255	Segment 1 LED dimmer	When CH6<10 & CH5<10 This DMX control verse 1 LED brightness, CH2-CH3 control color.	
CH9	0-255	Segment 2 LED dimmer		
CH23	0-255	Segment 15 LED dimmer		
CH24	0-255	Segment 16 LED dimmer		

DMX MODE 5: 48 CH

CHANNELS	VALUE	DESCRIPTION
CH 1	10-255	ALL RED (0-100%)
CH 2	0-255	ALL GREEN (0-100%)
CH 3	0-255	ALL BLUE (0-100%)
CH4	0-255	RED2 (0-100%)
CH5	0-255	GREEN2 (0-100%)
CH6	0-255	BLUE2 (0-100%)
CH46	0-255	RED16 (0-100%)
CH47	0-255	GREEN16 (0-100%)
CH48	0-255	BLUE16 (0-100%)

DMX MODE 5: 53 CH

CHANNELS	VALUE	DESCRIPTION
CH 1	0-255	Dimmer(Master Dimmer)
CH 2	0-255	RED1 (0-100%)
CH 3	0-255	GREEN1 (0-100%)
CH4	0-255	BLUE1 (0-100%)
CH5	0-255	RED2 (0-100%)
CH6	0-255	GREEN2 (0-100%)
	0-255	BLUE2 (0-100%)
CH46		
CH47	0-255	RED16 (0-100%)
CH48	0-255	GREEN16 (0-100%)
CH49	0-255	BLUE16 (0-100%)
CH50 (when CH51 value <10, this DMX channel is valid)	0-9	No Function (CH2-Ch49 Valid)
	10-13	Static color(CH52 Choose)
	14-17	Built-in effects 1
	18-21	Built-in effects2
	22-25	Built-in effects 3
	26-29	Built-in effects 4
	30-33	Built-in effects 5
	34-37	Built-in effects 6
	38-41	Built-in effects 7

CH50 (when CH51 value <10, this DMX channel is valid)	42-45	Built-in effects 8
	46-49	Built-in effects 9
	50-53	Built-in effects 10
	54-57	Built-in effects 11
	58-61	Built-in effects 12
	62-65	Built-in effects 13
	66-69	Built-in effects 14
	70-73	Built-in effects 15
	74-77	Built-in effects 16
	78-81	Built-in effects 17
	82-85	Built-in effects 18
	86-89	Built-in effects 19
	90-93	Built-in effects 20
	94-97	Built-in effects 21
	98-101	Built-in effects 22
	102-105	Built-in effects 23
	106-109	Built-in effects 24
	110-113	Built-in effects 25
	114-117	Built-in effects 26
	118-121	Built-in effects 27
	122-125	Built-in effects 28
	126-129	Built-in effects 29
	130-133	Built-in effects 30
	134-137	Built-in effects 31
	138-141	Built-in effects 32
	142-145	Built-in effects 33
	146-149	Built-in effects 34
	150-153	Built-in effects 35
	154-157	Built-in effects 36
	158-161	Built-in effects 37
	162-165	Built-in effects 38
	166-169	Built-in effects 39
170-173	Built-in effects 40	
174-177	Built-in effects 41	
178-181	Built-in effects 42	
182-185	Built-in effects 43	

CH50 (when CH51 value <10, this DMX channel is valid)	186-189	Built-in effects 44
	190-193	Built-in effects 45
	194-197	Built-in effects 46
	198-201	Built-in effects 47
	202-205	Built-in effects 48
	206-209	Built-in effects 49
	210-213	Built-in effects 50
	214-217	Built-in effects 51
	218-221	Built-in effects 52
	222-225	Built-in effects 53
	226-229	Built-in effects 54
	230-233	Auto Mode(Run Built-in effects 1-54)
	234-237	DMX Sound model
	238-241	DMX Sound mode2
	242-255	DMX Sound mode3
CH51 (Prior to CH50)	0-9	No Function (CH50 Valid)
	10-19	Pattern effects 1 (CH2, CH3, CH4 Control pattern color)
	20-29	Pattern effects 2 (CH2, CH3, CH4Control pattern color)
	30-39	Pattern effects 3 (CH2, CH3, CH4 Control pattern color)
	40-49	Pattern effects 4 (CH2, CH3, CH4 Control pattern color)
	50-59	Pattern effects 5 (CH2, CH3, CH4 Control pattern color)
	60-69	Pattern effects 6 (CH2, CH3, CH4 Control pattern color)
	70-79	Pattern effects 7 (CH2, CH3, CH4 Control pattern color)
	80-89	Pattern effects 8 (CH2, CH3, CH4 Control pattern color)
	90-99	Pattern effects 9 (CH2, CH3, CH4 Control pattern color)
	100-109	Pattern effects 10 (CH2, CH3, CH4 Control pattern color)
	110-119	Pattern effects 11 (CH2, CH3, CH4 Control pattern color)
	120-129	Pattern effects 12 (CH2, CH3, CH4 Control pattern color)
	130-139	Pattern effects 13 (CH2, CH3, CH4 Control pattern color)
	140-149	Pattern effects 14 (CH2, CH3, CH4 Control pattern color)
	150-159	Pattern effects 15 (CH2, CH3, CH4 Control pattern color)
	160-169	Pattern effects 16 (CH2, CH3, CH4 Control pattern color)
	170-179	Pattern effects 17 (CH2, CH3, CH4 Control pattern color)
	180-189	Pattern effects 18 (CH2, CH3, CH4 Control pattern color)
	190-199	Pattern effects 19 (CH2, CH3, CH4 Control pattern color)
200-209	Pattern effects 20 (CH2, CH3, CH4 Control pattern color)	

CH51 (Prior to CH50)	210-219	Pattern effects 21 (CH2, CH3, CH4 Control pattern color)	
	220-229	Pattern effects 22 (CH2, CH3, CH4 Control pattern color)	
	230-239	Pattern effects 23 (CH2, CH3, CH4 Control pattern color)	
	240-255	Pattern effects 24 (CH2, CH3, CH4 Control pattern color)	
CH52	0-255	DMX Program Speed (Slow->fast)	
	0-9	No Function	
	10-19	Static color 1 (10<=CH50 Value<=13)	
	20-29	Static color 2 (10<=CH50 Value<=13)	
	30-39	Static color 3 (10<=CH50 Value<=13)	
	40-49	Static color 4 (10<=CH50 Value<=13)	
	50-59	Static color 5 (10<=CH50 Value<=13)	
	60-69	Static color 6 (10<=CH50 Value<=13)	
	70-79	Static color 7 (10<=CH50 Value<=13)	
	80-89	Static color 8 (10<=CH50 Value<=13)	
	90-99	Static color 9 (10<=CH50 Value<=13)	
	100-109	Static color 10 (10<=CH50 Value<=13)	
	110-119	Static color 11 (10<=CH50 Value<=13)	
	120-129	Static color 12 (10<=CH50 Value<=13)	
	130-139	Static color 13 (10<=CH50 Value<=13)	
	140-149	Static color 14 (10<=CH50 Value<=13)	
	150-159	Static color 15 (10<=CH50 Value<=13)	
	160-169	Static color 16 (10<=CH50 Value<=13)	
	170-179	Static color 17 (10<=CH50 Value<=13)	
	180-189	Static color 18 (10<=CH50 Value<=13)	
	190-199	Static color 19 (10<=CH50 Value<=13)	
	200-209	Static color 20 (10<=CH50 Value<=13)	
	210-219	Static color 21 (10<=CH50 Value<=13)	
	220-229	Static color 22 (10<=CH50 Value<=13)	
	230-239	Static color 23 (10<=CH50 Value<=13)	
240-249	Static color 24 (10<=CH50 Value<=13)		
250-255	Static color 25 (10<=CH50 Value<=13)		
CH53	0-9	No Function	Strobe (Strobe)
	10-255	Slow->Fast	



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