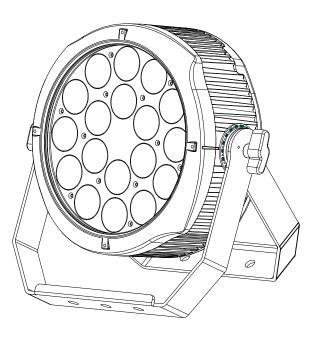
User manual



Stadium Par I8IP WDMX



Please read carefully before use

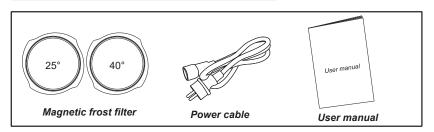
Packaging: Thanks for your purchasing the Stadium Par 18IP WDMX. All the lights have been checked and are in excellent operating condition. Please check the shipping carton first, because there may be damage occurred during the shipment. Then check the lights carefully and be sure that the lights is intact and works normally. In the event damage has been found. spare parts are missing or the lights works abnormally, please contact us for further instructions. And please don't return the lights to the dealer before contacting us.

Introduction: The Stadium Par 18IP WDMX has three operating modes: DMX mode, Auto mode and Master/Slave mode. And the lights has five channel modes, including channel3, channel 6, channel 8, channel 10, and channel13. There are ten built-in Auto programs and you can see fifteen kinds of shows when you open the Auto mode. Meanwhile, you can edit your desired Auto program in "EDIT" menu. In addition, you can connect several pieces of lights in DMX mode and set one in Auto mode, and the others in Master/Slave mode. And then all the lights in Master/Slave mode will run following the one in Auto mode. Using fog or special effect smoke, you can see better showing effect.

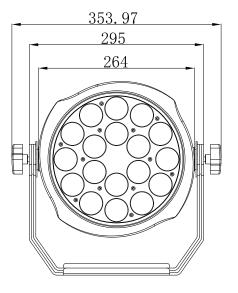
Warning!

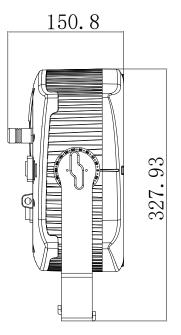
- 1.Don't expose the lights to rain or moisture, for the sake of preventing the risk of electrical shock or fire.
- 2.Don't look directly at the opening lights all the time, or it may damage your eyes.

UNPACKING AND PREPARATION

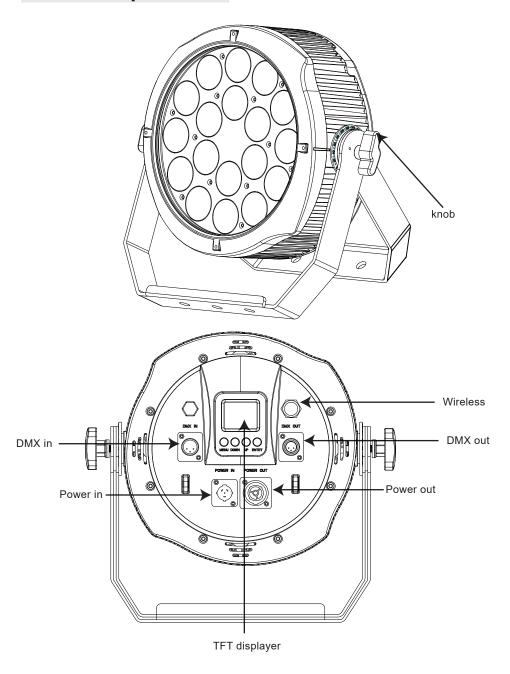


Product Overview





Mechanical Specification



Features

• Light Source: 18*20W,6 in 1 RGBWAUV

• Lens: 10°

• Magnetic frost filter: 25°,40°

• Power consumption: 350W

• Voltage:AC 90V-270V,50/60Hz

• Run Mode: DMX 512 /Master Slave/Auto Run

• 10 internal programs and 11 customerize programs

• 4 different dimming curve

• 11 kinds of color temperature white

• Maxirur 66 ID setng for easy separate control

• DMX Channels:3,6,8,10,13CH

• Built-in Effect: color mixing, variable color chasing, strobing and fading

• TFT displayer with four buttons

Material: Aluminum body

• IP65

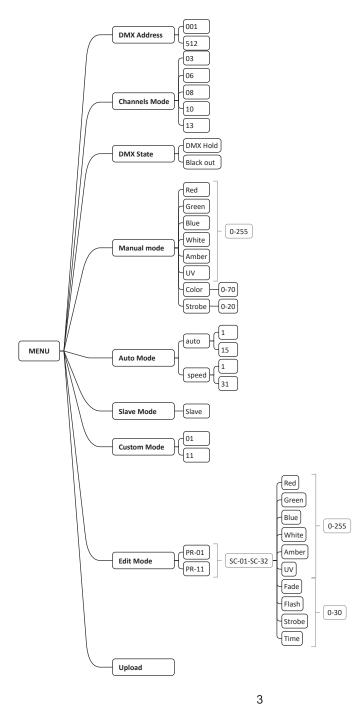
• Temperature: -30°C~45°C

• Dimension:354X151X328mm

• N.W: 8.5KG

• G.W: 10KG

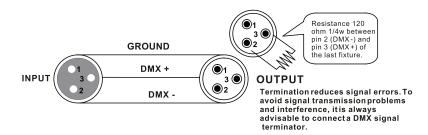
Programme Menu



CABLE CONNECTORS

Cabling must have a male XLR connector on one end and a female XLR connector on the other end.

DMX connector configuration



caution:Do not allow contact between the ground and the fixture's chassis ground. Grounding the ground can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify positive pole and to make sure the pins are not grounded or shorted to the shield or each other.

3-PIN TO 5-PIN CONVERSION CHART

Note! If you use a controller with a 5 pin DMX output connector, you need to use a 5 pin to 3 pin adapter. The chart below details a proper cable conversion:

3-PIN TO 5-PIN CONVERSION CHART

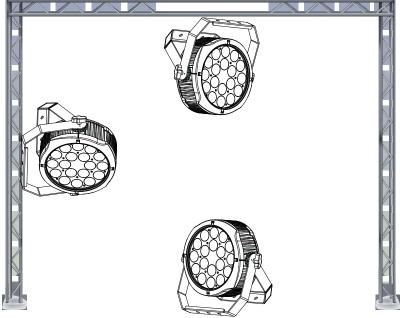
Conductor	3 Pin Female (output)	5 Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data (-) signal	Pin 2	Pin 2
Data (+) signal	Pin 3	Pin 3
Do not use		Do not use
Do not use		Do not use

Mounting

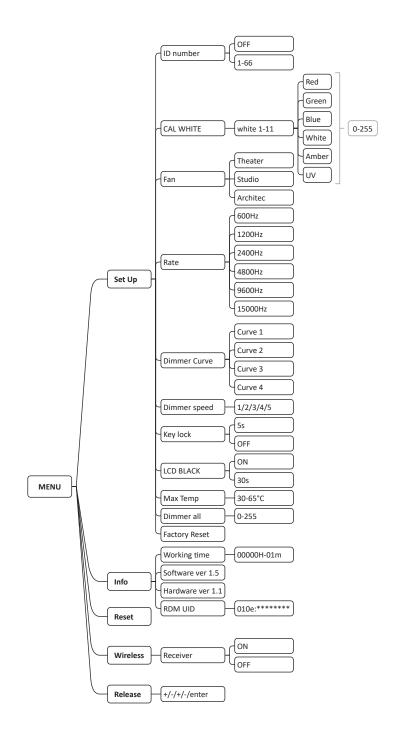
When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attach-ment, e.g. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and perodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

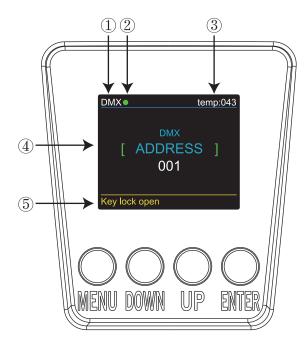
The installaiton should be checked by a skilled person once a year.



The Stadium Par 18IP WDMX is fully operational in two different mounting positions, hanging upside-down from a ceiling or set on a flat level surface. To avoid internal damage to the unit, never mount the unit on its side as illustrated above. Be sure this fxture is kept at least 0.5m away from any flammable materials (decoration etc.). And you'd better use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails (see next page).



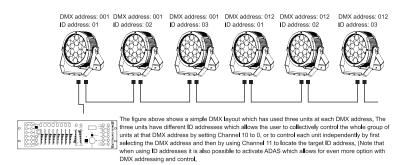
Displayer introduction



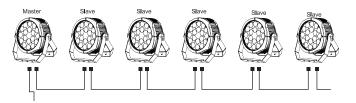
- 1. DMX means the light is in the DMX mode. Similarly, SLAVE means the light is in the SLAVE mode.
- 2. The color of the point shows the condition of signal transmission. Green represents the good condition, while red represents the signal is interrupted.
- 3. The item shows the working temperature of the light. When the working temperature exceeds the max temperature, the color of the letters and number will change from white to yellow.
- 4. This item shows the menu you selected.
- 5. This item shows the condition of key lock. "Key lock open" means the key lock is open. And "Key lock off" means the key lock is close.

DMX-512 addressing with ID address

- 1. Follow instructions 1 for DMX 512 addressing.
- 2. Activate ID addressing in each fixture by setting panel function "ID ON/OFF" to ON. "Settings" to "ID ON/OFF" to "ON" For every DMX 512 starting address the user can set 66 separate ID addresses. Set ID addresses in each fixture by setting panel function "ID address" to incremental values.(I.e. 1, 12, 24, 36 etc...) "Settings" to "address" to "01~66".



UPLOAD



First,set one light, which involves the program you have edited in EDIT menu and want to upload, in Master mode,and others in Slave mode.

Then, connect all the lights with DMX cables. Finally, select the UPLOAD menu of the Master light and press ENTER. All the programs edited in the Master light will be uploaded to the Slave lights.

Channel 13 (Id address set)

09	all I ds	170179	ld17		223	ld34	240	ld51
1019	ld1	180189	ld18		224	ld35	241	ld52
2029	ld2	190199	ld19		225	ld36	242	ld53
3039	ld3	200209	ld20		226	ld37	243	ld54
4049	ld4	210	ld21		227	Id38	244	ld55
5059	ld5	211	ld22		228	ld39	245	ld56
6069	Id6	212	ld23]	229	Id40	246	ld57
7079	ld7	213	ld24		230	ld41	247	ld58
8089	ld8	214	ld25		231	ld42	248	ld59
9099	ld9	215	ld26		232	ld43	249	ld60
100109	I d10	216	ld27		233	ld44	250	ld61
110119	ld11	217	ld28		234	ld45	251	ld62
120129	ld12	218	ld29		235	Id46	252	Id63
130139	ld13	219	ld30	1	236	Id47	253	Id64
140149	ld14	220	ld31		237	ld48	254	ld65
150159	ld15	221	ld32		238	ld49	255	Id66
160169	ld16	222	ld33		239	ld50		

DMX Address-In this menu. you can select the DMX Address.

- 1. Press "ENTER" button and then UP or DOWN button until "DMX Address" is showed.
- 2. Press "ENTER" button, and "DMX Address" will be showed. Then press ENTER.
- 1) "xxx" will be showed, "xxx" represents the showed address. You can press the UP or DOWN button to select your desired address.

Channels Mode-In this menu, you can connect several pieces of lights with DMX cable and control them with control console.

- 1. Press "ENTER" button and then UP or DOWN button until "Channels Mode" is showed.
- 2. Press "ENTER" button, and "Channels Mode" will be showed. Then press ENTER.
- 1) "Channel [xx]" will be showed, "X" represents the showed DMX channel mode. You can press the UP or DOWN button to select your desired Channel mode.

DMX State-In this menu, you can learn about the information of DMX Hold and Blackout.

- 1. Press "ENTER" button and then UP or DOWN button until "DMX State" is showed.
- 2. Press "ENTER" button, and "DMX Hold" or "Blackout" will be showed. Then press ENTER, and you can select your desired mode.

Manual Mode-In this menu, you can adjust the value of static color and strobe speed as you like.

- 1. Press "ENTER" button and then UP or DOWN button until "Manual Mode" is showed.
- 2. Press "ENTER" button, and there are eight options. Then press ENTER to select the option and press UP or DOWN button to select the value you desire as below:
- 1) RED You can adjust the red brightness in this menu.
- 2) GREEN You can adjust the green brightness in this menu.
- 3) BLUE You can adjust the blue brightness in this menu.
- 4) WHITE You can adjust the white brightness in this menu.
- 5) Amber You can adjust the amber brightness in this menu.
- 6) UV You can adjust the uv brightness in this menu.
- 7) COLOR -You can select 70 static color in this menu.
- 8) STROBE You can adjust the strobe speed in this menu.

AUTO mode-In this menu, you can select your desire AUTO mode and adjust the running speed.

- 1. Press "ENTER" button and then UP or DOWN button until "AUTO mode" is showed.
- 2. Press "ENTER" button, and "SPEED" or "AUTO MODE" will be showed. Then press ENTER, and vou can see two items as below:
- 1) SPEED You can select your desired speed in this menu.
- 2) AUTO MODE You can select your desired auto mode in this menu.

Slave Mode-In this menu, you can select SLAVE mode. In SLAVE mode, you can select one light as the MASTER light and other lights in SLAVE mode will run following the MASTER light.

- 1. Press "ENTER" button and then UP or DOWN button until "Slave MODE" is showed.
- 2.Press "ENTER" button, and "SLAVE" will be showed, then press ENTER to confirm.

CUSTOMER Mode-In this menu. you can select the AUTO program edited in the "EDIT" menu.

- 1. Press "ENTER" button and then UP or DOWN button until "CUSTOMER" is showed.
- 2. Press "ENTER" button, and there are 11 pre-programmed mode edited in the "EDIT" menu.

EDIT Mode-In this menu. you can edit your desired AUTO program.

- 1. Press "ENTER" button and then UP or DOWN button until "EDIT" is showed.
- 2. Press "ENTER" button, and open the "EDIT" mode to edit the custom programs from "PR.01" to "PR.11". And there are 32 scenes that can be edited in each custom program.
- 3. You can edit a scene by adjusting the value of "RED (0~255)". "GREEN (0~255)". "BLUE (0~255)", "WHITE (0~255)", "ÁMBEŘ (0~255)", "PURPLE (0~255)", "FADE (0~30)", "FLASH(0~30)", "STROBE

(0~30)" & "TIME (0~30)" as you like. Then the data will be saved, when you press the ENTER button for 5 seconds.

UPLOAD-In this menu, you can connect several pieces of lights with MAX cables and set one light as the MASTER and others in SLAVE mode. Then upload the custom program in the MASTER light to

the lights in SLAVE mode.

- 1. Press "ENTER" button and then UP or DOWN button until "UPLOAD" is showed.
- 2. Press "ENTER" button to upload the custom programs from the MASTER light to the

SLAVE ones. The password is [UP] + [DOWN] + [UP] + [DOWN].

SET UP-In this menu, you can adjust the value of the function.

- 1. Press "ENTER" button and then UP or DOWN button until "SET UP" is showed.
- 2. Press "ENTER" button, and there will be nine options. Then, press ENTER to select the option and press UP or DOWN button to select the value you desire as below.
- 1) ID number You can select an ID Number in this menu. Then, you can adjust the value of channel
- 13 to the corresponding scope and control the light individually with control console.
- 2) CAL WHITE- You can select the value of 11 different white color. And there are 11 pre-programmed White colors that can be edited by adjusting the value of "Red", "Green", "Blue", "White", "Amber" and "UV".
- 3) LCD BLACK In this item, you can select "ON" or "30S". If you select "ON", the displayer will be on all the time. And if you select "30S", the displayer will extinguish about ten seconds later.
- 4) Key locks You can select whether the password is ON or 30S in this menu , and the password is [UP] + [DOWN] + [UP] + [DOWN] . If you select "ON", then you have to input the password before pressing the buttons. Otherwise, the light won't respond to your order.
- 5) Max temp You can set the your desired Max working temperature about the light in this menu. When the working temperature of the light exceeds the Max temperature, the color of letter "Temp xx°C" showed in the menu will change from white to yellow. Meanwhile, the light will adjust the working temperature automatically.
- 6) Dimmer ALL You can adjust the brightness of each color in this menu.
- 7) Factory Reset You can reset the light.
- 8)Dimmer Curve In this option, there are four dimming curves for you to choose from.
- 9)Dimmer Speed In this option, there are five dimming speed for you to choose from.

INFORMATION-In this menu, you can learn about the information of software, hardware,RDM and the working time of the light.

- 1.Press "ENTER" button and then UP or DOWN button until "INFO" is showed.
- 2. Press "ENTER" button, and "Software". "Hardware" or "RDM"and "working time" will be showed.

Then press ENTER, and you can see three items as below:

- 1) Software This item displays the Software information.
- 2) Hardware This item displays the Hardware information.
- 3) Working time This item displays the working hours about the light.
- 4) RDM This item displays the RDM information of the light.

RESET-In this menu, you can reset all the value of the system.

- 1. Press "ENTER" button and then UP or DOWN button until "RESET" is showed.
- 2. Press the ENTER button to reset all the value of the system.

Wireless-In this menu, you can receive wireless signals.

- 1.Press "ENTER" button and then UP or DOWN button until "Wireless" is showed.
- 2.Press "ENTER" button,and "Receiver" will be showed. Then press ENTER, and you can the item as below:

Receiver- In this item, you can select "ON" or "OFF". If you select ON, you can use the wireless reception function. And if you select OFF, wireless reception will be turned off.

Release -In this menu, you can clear wireless signals.

- 1.Press "ENTER" button and then UP or DOWN button until "Release" is showed.
- 2.In this item, press "enter" button, you can clear wireless signals. "SUCCEESS" will be displayed when the wireless signal is successfully cleared.

	0 - 255	Speed when channel 6 is enable
9	0 - 15	Default
	16 - 255	strobe (0Hz - 20Hz)
	0 - 8	Default
	9 - 10	program 1
	11 - 20	program 2
	21 - 30	program 3
	31 - 40	program 4
	41 - 50	program 5
	51 - 60	program 6
	61 - 70	program 7
	71 - 80	program 8
	81 - 90	program 9
10	91 - 100	Custom1
	101 - 110	Custom2
	111 - 120	Custom3
	121 - 130	Custom4
	131 - 140	Custom5
	141 - 150	Custom6
	151 - 160	Custom7
	161 - 170	Custom8
	171 - 180	Custom9
	181 - 190	Custom10
	200 - 255	Custom11
11	0 - 255	Speed when auto is enable
12	0 - 49	Off dimmer speed
	50 - 99	Dimmer speed 1
		Dimmer speed 2
	150 - 199	Dimmer speed 3
	200 - 255	•
13	0 - 255	ID

DMX 13 channel

channel	value	function
1	0 - 255	0 = Off 1 - 255 = Master dimmer
2	0 - 255	Adjust red LEDs Dimmer from low to high
3	0 - 255	Adjust green LEDs Dimmer from low to high
4	0 - 255	Adjust blue LEDs Dimmer from low to high
5	0 - 255	Adjust white LEDs Dimmer from low to high
6	0 - 255	Adjust Amber LEDs Dimmer from low to high
7	0 - 255	Adjust UV LEDs Dimmer from low to high
	0 - 10	No function
	11 - 20	R100%/Gup/B0%/W0%
	21 - 30	Rdown/G100%/B0%/W0%
	31 - 40	R0%/G100%/Bup/W0%
	41 - 50	Rup/Gdown/B100%W0%
	51 - 60	Rup/G0%/B100%/W0%
	61 - 70	R100%G0%Bdown/W0%
	71 - 80	R100%/G0%/B0%/Wup
	81 - 90	R100%/G0%/B0%Wdown
	91 - 100	R↑/G↓/B0%/W0%→R↓G↑/B0%/W0%
		R↑/G0%/B↓/W0%→R↓/G0%B↑/W0%
	111 - 120	R0%/G↑/B↓/W0%→R0%/G↓/B↑/W0%
	121 - 130	$R\uparrow/G\uparrow/B\downarrow/W0\% \rightarrow R\downarrow/G\downarrow/B\uparrow/W0\%$
	131 - 140	$R\uparrow/G\downarrow/B\downarrow/W0\% \rightarrow R\downarrow/G\uparrow/B\uparrow/W0\%$
	141 - 150	$R\uparrow/G\downarrow/B\uparrow/W0\%\rightarrow R\downarrow/G\uparrow/B\downarrow/W0\%$
	151 - 160	R↑/G0%/B↓/W0%→R↓/G↑/B0%/W0%→R0%/G↓/B↑/W0%
8	161 - 170	R↑/G100%/B↓/W0%→R100%/G↓/B↑/W0%→R↓/G↑/B100%/W0%
		$R\downarrow/G\uparrow/B0\%/W0\% \rightarrow R0\%/G\downarrow/B\uparrow/W0\% \rightarrow R0\%G0\%/B\downarrow/W\uparrow$
	171 - 180	R↑/G0%/B0%/W↓
		R0%/G100%/B↓/W0%→R↑/G100%B0%/W0%
	181 - 190	R100%/G↓/B0%/W0%→R100%/G0%/B↑/W0%→
		R↓/G0%/B100%/W0%→R0%/G↑/B100%/W0%
	191 - 200	RGBW
	201 - 205	
	206 - 210	White 2
	211 - 215	White 3
	216 - 220	White 4
	221 - 225	<u> </u>
	226 - 230	White 6
	231 - 235	White 7
	236 - 240	
	241 - 245	
	246 - 250	
	251 - 255	White 11

DMX control mode

DMX 3 channel

channel	value	function
1	0 - 255	Hue
2	0 - 255	Saturation
3	0 - 255	Value(brightness)

DMX 6 channel

channel	value	function
1	0 - 255	Adjust red LEDs Dimmer from low to high
2	0 - 255	Adjust green LEDs Dimmer from low to high
3	0 - 255	Adjust blue LEDs Dimmer from low to high
4	0 - 255	Adjust white LEDs Dimmer from low to high
5	0 - 255	Adjust Amber LEDs Dimmer from low to high
6	0 - 255	Adjust UV LEDs Dimmer from low to high

DMX 8 channel

channel	value	function	
1	0 - 255	0 = Off 1 - 255 = Master dimmer	
2	0 - 255	Adjust red LEDs Dimmer from low to high	
3	0 - 255	Adjust green LEDs Dimmer from low to high	
4	0 - 255	Adjust blue LEDs Dimmer from low to high	
5	0 - 255	Adjust white LEDs Dimmer from low to high	
6	0 - 255	Adjust Amber LEDs Dimmer from low to high	
7	0 - 255	Adjust UV LEDs Dimmer from low to high	
	0 - 49	default dimmer	
	50 - 99	Dimmer mode 1	
8	100 - 149	Dimmer mode 2	
	150 - 199	Dimmer mode 3	
	200 - 255	Dimmer mode 4	

8

DMX 10 channel

channel	value	function
1	0 - 255	0 = Off 1 - 255 = Master dimmer
2	0 - 255	Adjust red LEDs Dimmer from low to high
3	0 - 255	Adjust green LEDs Dimmer from low to high
4	0 - 255	Adjust blue LEDs Dimmer from low to high
5	0 - 255	Adjust white LEDs Dimmer from low to high
6	0 - 255	Adjust Amber LEDs Dimmer from low to high
7	0 - 255	Adjust UV LEDs Dimmer from low to high
-	0 - 19	none
	20 - 23	red
	24 - 27	green
	28 - 31	blue
	32 - 35	yellow
	36 - 39	cyan
	40 - 43	magenta
	44 - 47	white
	48 - 51	orange
	52 - 55	pink
	56 - 59	violet
	60 - 63	aquamarine
	64 - 67	sky blue
	68 - 71	full white
	72 - 75	cool white
	76 - 79	warm white
8	80 - 83	white 3200
	84 - 87	white 2500
	88 - 91	yellow 2
	92 - 95	
	96 - 99	orange 2
		light rose
		dark pink
		magenta 2
	112 - 115	
	116 - 119	med blue green
		dark blue
		bright pink
		medium blue
		golden amber
		deep golden amber
		pale lavender
	144 - 147	
	148 - 151	dark lavender

	152 - 155	chocolate
	156 - 159	just blue
	160 - 163	surprise pink
	164 - 167	scarlet
	168 - 171	surprise peach
	172 - 175	fire
	176 - 179	english rose
	180 - 183	mauve
	184 - 187	bright blue
	188 - 191	alice blue
	192 - 195	rose indigo
	196 - 199	urban blue
	200 - 203	cool blue
	204 - 207	Light salmon
	208 - 211	mayan sun
	212 - 215	cherry rose
	216 - 219	flesh pink
	220 - 223	skelton exotic sangria
	224 - 255	amber
9	0 - 255	0 = Off 1 - 255 = Different colour auto 36
10	0 - 255	strobe (0Hz - 20Hz)

9