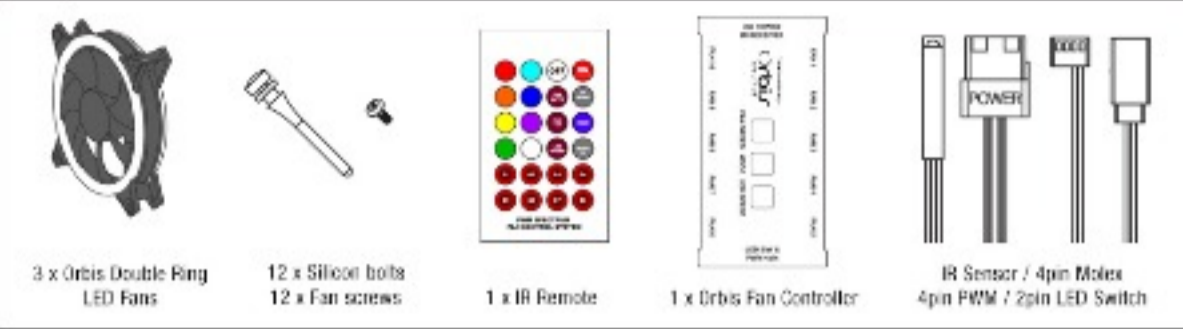


The Orbis Spectrum Starter kit will help you achieve superb lighting for your system along with controlling your fan speed. It features more than 50 light modes and LED speed adjustments. Please follow this installation guide to get the best experience.

Components List



When installing the fans on your case, please take note that the lighting effects start from the fan wire. Having all fans installed with the identical orientation will give you the best results for the lighting effect.

For example, when you install the first fan with the wire at the top right corner, other fans on the same side of your case should have the same orientation. Before plugging in the fans into the Orbis Controller, please plan out carefully. The light patterns will start in sequence and will start from FAN 1 and so on.

MOD Name	Color	Number
Covering Marquee		1
Spinning Spot	white->red	2
Spinning Spot	white->green	3
Spinning Spot	white->navy	4
Spinning Spot	white->yellow	5
Spinning Spot	white->blue	6
Spinning Spot	white->purple	7
Spinning Spot	white->white	8
Fixed	red	9
Fixed	green	10
Fixed	navy	11
Fixed	yellow	12
Fixed	blue	13
Fixed	puple	14
Fixed	orange	15
Fixed	white	16
Spinning Strap (short)	red	17
Spinning Strap (short)	green	18
Spinning Strap (short)	navy	19
Spinning Strap (short)	white	20
Spinning Color Strap(short)		21
Color Change Spinning Circle		22
Marquee	red	23
Marquee	green	24
Marquee	navy	25
Marquee	yellow	26
Marquee	blue	27
Marquee	purple	28
Marquee	white	29
Color variation marquee	changing	30
Spinning Eraser	red	31
Spinning Eraser	green	32
Spinning Eraser	navy	33
Spinning Eraser	white	34
Color Change Spinning Eraser		35
Flowing Strap	green/red	36
Flowing Strap	navy/green	37
Flowing Strap	yellow/navy	38
Flowing Strap	blue/yellow	39
Flowing Strap	purple/blue	40
Flowing Strap	white/purple	41
Flowing Strap	red/white	42
Flowing Strap	changing	43
Spinning Strap (long)	red	44
Spinning Strap (long)	green	45
Spinning Strap (long)	navy	46
Spinning Strap (long)	white	47
Spinning Color Strap(long)		48
Breathing	red	49
Breathing	green	50
Breathing	navy	51
Breathing	yellow	52
Breathing	blue	53
Breathing	purple	54
Breathing	white	55
Color Change Breathing	changing	56
SPECTRUM		57
FADING		58



Covering Marquee (mod 1)

- color-1 : red
- color-2 : green
- color-3 : navy
- color-4 : yellow
- color-5 : blue
- color-6 : purple
- color-7 : white

All fans were not turned on yet, when color-1 start to light. That is first step of mod-1.

The diagram is explaining that all LED of fan1 change to color-2 and then fan2's LED circle start changing to color-2, step by step.

If all connected fan LED change to Color-2, then new color lighting(=color-3) will start fill fan1's circle. LED lighting color variation is 7 colors by rotation.



Spinning Spot (mod 8)

MOD 8's background LED color is navy
MOD 8's Spot COLOR : white



Fixed (mod 10~16)

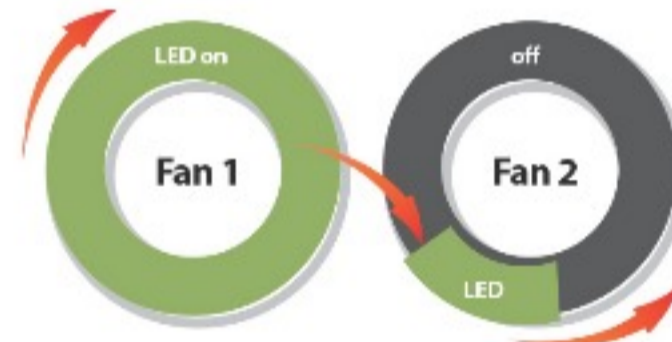
MOD 10's LED color is Red
MOD 10 ~ 16 Color :
red > green > navy > yellow > blue > purple > white



Spinning Color Changing Short Strap (mod 21)

The background LED of MOD 21 is off.
The lighting strap means that about 30% LED are turn on, and they're spinning around circle.

The lighting strap is changed color when it reach to spin point.
(red > green > navy > yellow > blue > purple > white)



Marquee (mod 23~29)

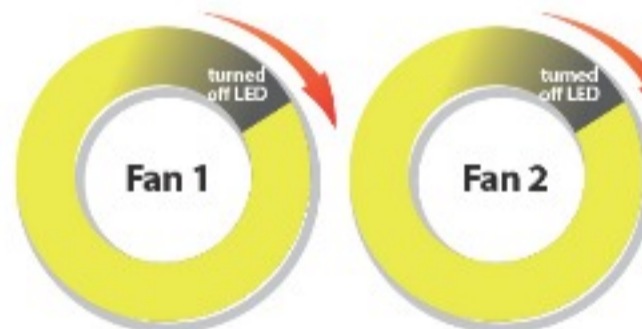
- mod 23's color : red
- mod 24's color : green
- mod 25's color : navy
- mod 26's color : yellow
- mod 27's color : blue
- mod 28's color : purple
- mod 29's color : white

All LED of Fan1 turn on, and then start to turn on fan2's LED circle.

The LED lighting is moving from fan1 to last fan, as like a hose which is filled with water.

If all fan LED turn on, then it start to turn off LED, until last one along the same order as turn on.

Turn on and turn off step is repeat ed.



Spinning Eraser (mod 31~35)

- mod 31 : Red
- mod 32 : green
- mod 33 : navy
- mod 34 : white
- mod 35 : color variation
(red > green > navy > yellow > blue > purple > white)

The background LED of MOD 31~34 is being turned on its own color mod lighting.
And the spot where LED turned off is spinning around the circle.

but in case of mod 35, it is different.
The moving dark spot changes the LED color.
The LED turne off and then, turn on changing color.



Spinning long Strap (mod 44~47)

- MOD 44's Strap COLOR : red
- MOD 45's Strap COLOR : green
- MOD 46's Strap COLOR : navy
- MOD 47's Strap COLOR : white

Mod 44 ~ 47 is longer strap version of the mod 17~ 20.
Strap's length are about 60% of the circle.



Breathing (mod 49~56)

In breathing mod, LEDs brightness are changing gradually and repeatedly.

- mod 49's color : red
- mod 50's color : green
- mod 51's color : navy
- mod 52's color : yellow
- mod 53's color : blue
- mod 54's color : purple
- mod 55's color : white

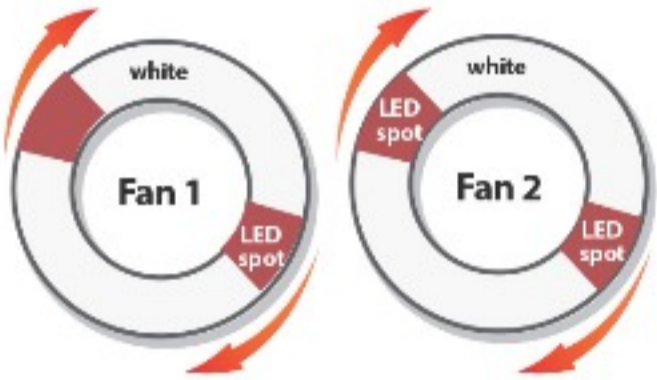
In mode 56, the color of LED changes when the LED turn off and back on. (red > green > navy > yellow > blue > purple > white)



SPECTRUM (mod 57)

In Spectrum mod, the LED circle colors are filled with gradient blend color. that means, the circle do not have separated color area, unlike mod 22.

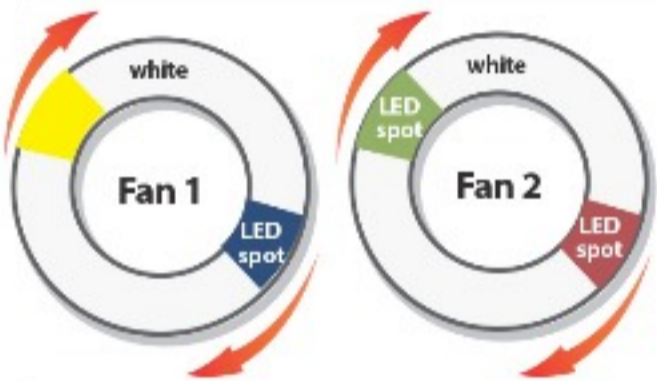
and the gradient blend colored LED circle rotates with color variation.



Spinning Spot (mod 2~7)

MOD 2~7's background LED color is white.

- MOD 2's Spot COLOR : red
- MOD 3's Spot COLOR : green
- MOD 4's Spot COLOR : navy
- MOD 5's Spot COLOR : yellow
- MOD 6's Spot COLOR : blue
- MOD 7's Spot COLOR : purple



Spinning Spot (mod 9)

MOD 9's background LED color is white.

MOD 9's Spot COLOR : red > green > navy > yellow > blue > purple > (rotation)



Spinning Short Strap (mod 17~20)

- MOD 17's Strap COLOR : red
- MOD 18's Strap COLOR : green
- MOD 19's Strap COLOR : navy
- MOD 20's Strap COLOR : white

MOD 17~20's background LED is off. The lighting strap is 30% lighting LED of circle, and spinning.

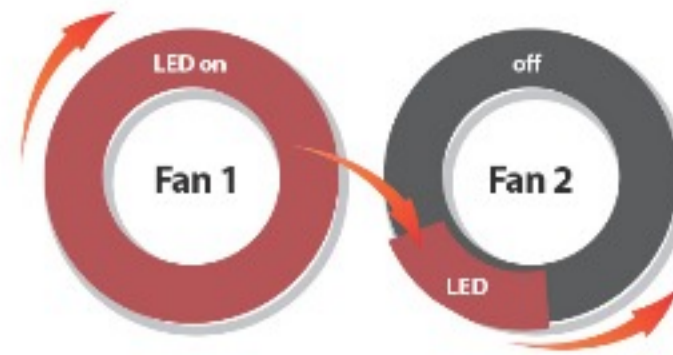
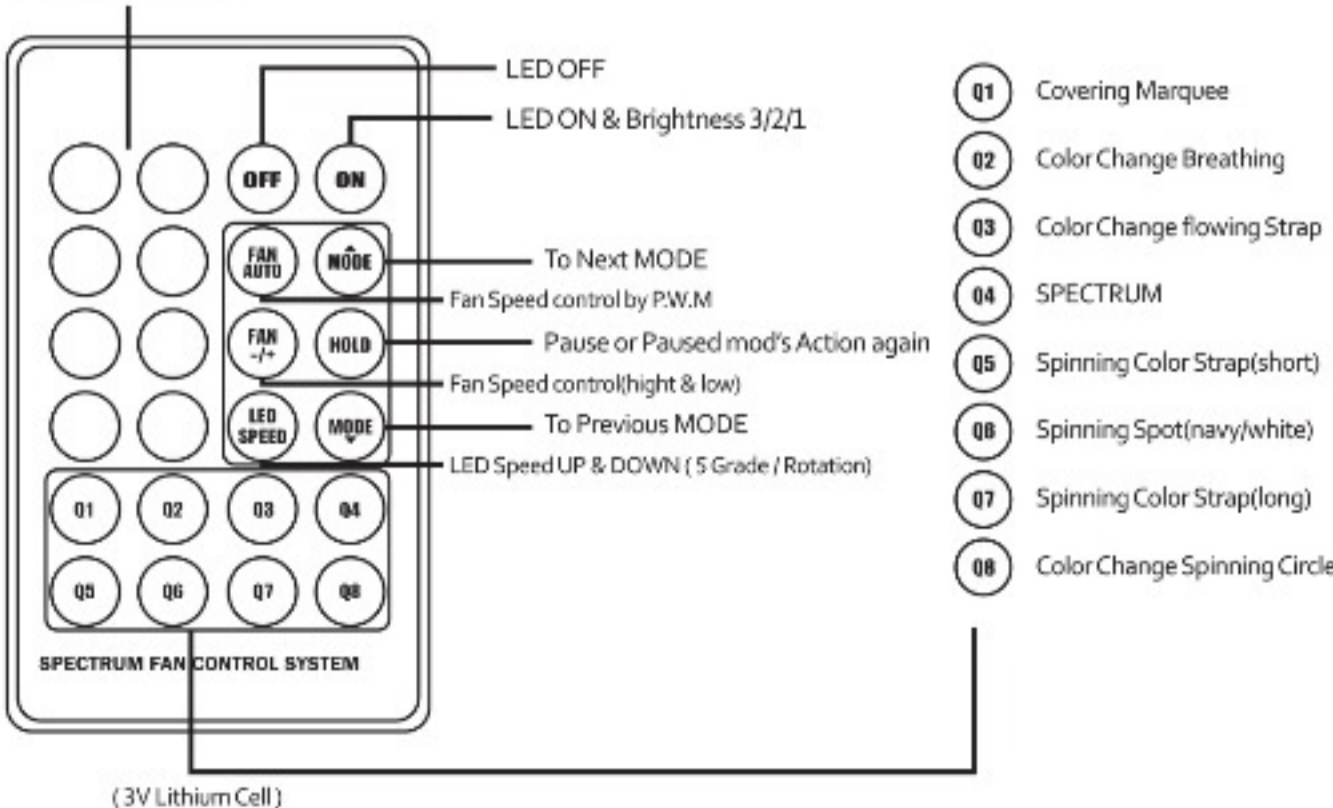


Breathing (mod 49~56)

The MOD 22 diagram is explaining that the LED lighting circle is divided into 3 zones being spin. Each circle of fan1, fan2, and all fans aren't same color composition. The lighting color zone is changed color when it reach the point to start spinning. (red > green > navy > yellow > blue > purple > white)

REMOTE CONTROL FUNCTIONS

Fixed 8 color (RED,ORANGE,GREEN,NAVY,YELLOW PURPLE,SKY BLUE,WHITE)

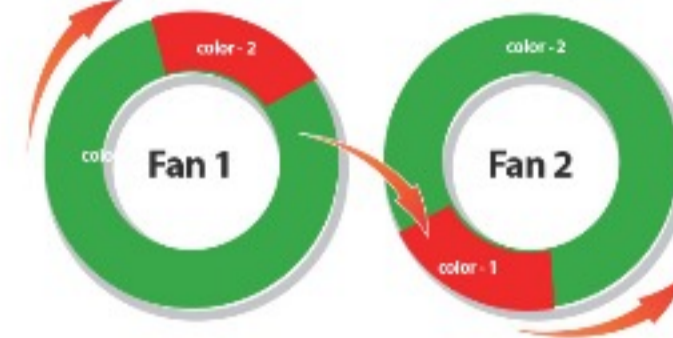


Color variation marquee (mod 30)

- color-1 : red
- color-2 : green
- color-3 : navy
- color-4 : yellow
- color-5 : blue
- color-6 : purple
- color-7 : white

All LED of Fan1 turn on, and then start to turn on LED circle of fan2.

The LED lighting is moving from fan1 to last fan, as like a hose which is filled with water. If all fans LED turned on, then it start to turn off LED, until last one along the same order as turn on. Turn on and turn off step repeat changing color. The LED color change is ordered 7color rotation.



Flowing Strap (mod 36~43)

- mod 36 : backlight- green / strap - red
- mod 37 : backlight- navy / strap - green
- mod 38 : backlight- yellow / strap - navy
- mod 39 : backlight- blue / strap - yellow
- mod 40 : backlight- purple / strap - blue
- mod 41 : backlight- white / strap - purple
- mod 42 : backlight- red / strap - white

The background LED of MOD 36~42 is being turned on each own color mod lighting. The color of moving strap is also different on each mod.

The diagram is explaining that the limited strap length of color-2 is finished to spin around the fan1's circle and then, go over to fan2. The moving strap is going on until the last connected fan, and process repeat.

- color-1 : red
- color-2 : green
- color-3 : navy
- color-4 : yellow
- color-5 : blue
- color-6 : purple
- color-7 : white

The strap in mode 43 changes its color every time the process is restarted. After the strap pass, the background color changes from before. In MOD 43 of strap color variation is 7 colors by rotation.



Spinning Color Changing long Strap (mod 48)

Mod 48 is longer strap version of the mod 21. Strap's length are about 60% of the circle.

The lighting strap changes its color when it reach to point where the spin start. (red > green > navy > yellow > blue > purple > white)



FADING (mod 58)

In fading mod, LEDs brightness don't change and, just LED color changes gradually. (red > green > navy > yellow > blue > purple > white)

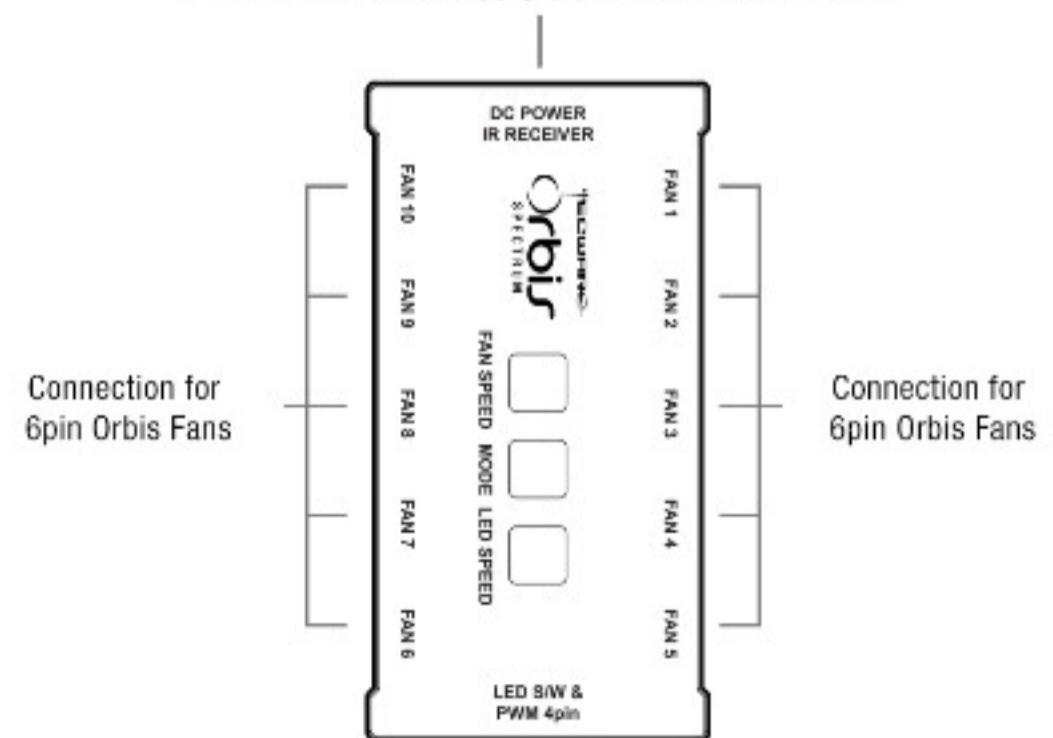


HOLD/PLAY (Additional requests) - Button Functions on remote -

The HOLD / PLAY button has the function of pause or paused mod's action again by press

CONTROL HUB SYSTEM

Connect to Power supply (4pin molex) & IR receiver



Optional: Connect PWM 4pin to motherboard & LED Switch wire to Reset Sw of your case for manual light mode control.

- FAN SPEED button - Medium or High speed fan setting
- MODE button - Cycle through 59 light patterns including Off
- LED SPEED button - 5 steps increase in the speed of the light pattern

Connect up to 10 Orbis Spectrum fans