

SnowPAR 2 Pro Quad 9 Menu and DMX Channels v1.4

Menu

Menu 1	Menu 2	Menu 3	Functions
1:Program	1)Dimmer	000~255	Master dimming
	2)Mode:	1-14,ALL	Built-in Program
	3)Color:(Mode:1)	Black~5000k	Static Color
	4)Speed:(Mode:2-14)	1-100	Speed
	5)Strobe:	0-99	Strobe
2:DMX	1)Address:	001-512	DMX Address
	2)Channels:	2/4/6/9-CH	DMX Mode
	3)Signal:	Cable/W-DMX	DMX Signal Selection
	4)W-DMX Unlock	Yes/No	W-DMX Unlock
3:Slave	Yes/No		Slave mode
4:Dimmer	1)Dimmer	000~255	Dimming mode
	2)Red:	000~255	
	3)Green:	000~255	
	4)Blue:	000~255	
	5)White:	000~255	
5:Sound	1)Dimmer:	000~255	Sound master dimming
	2)Sensitivity:	0-31	Sound sensitivity
6:Settings	1)Curves Select:	1- 4	Dimming curve selection
	2)Dimmer Speed:	Fast/ Smooth	Dimming speed selection
	3)PWM Frequency	12K/6K/4K/3K	Dimming Frequency Setting
	4)Dmx Fail:	Off/Hold	DMX signal option
	5) Dmx Sync:	On/Off	DMX Synchronization setting
	6)Lock:	On/Off	Standby lock screen
	7)Key Backlight	On/Off	Key Backlight Setting
	8)Display	Normal/Inverted	To set
	9)Factory:	Yes/No	Factory Reset
7:Information	Version: x.x		Version display
	Temperature: xx°C		Temperature detection
	Signal: DMX/W-DMX		DMX Signal
	Work Time:xxxxxh		Work time
	UID:xxxxxxxxxxxx		Fixture UID

DMX Channels

Function	DMX Value	Setting	2-Ch	4-Ch	6-Ch	9-Ch
Dimmer	000-255	0~100%	1		1	1
Red	000-255	0~100%		1	2	2
Green	000-255	0~100%		2	3	3

Blue	000-255	0~100%			3	4	4
White	000-255	0~100%			4	5	5
Color Preset	0-10	No function		2			6
	11-23	Red					
	24-36	Green					
	37-49	Blue					
	50-62	White					
	63-75	Amber					
	76-88	Orange					
	89-101	Yellow					
	102-114	Purple					
	115-127	Pink					
	128-140	Cyan					
	141-153	Light Red					
	154-166	Light Green					
	167-179	Light Blue					
	180-192	Warm White					
	193-205	Cold White					
	206-218	2700K					
	219-231	3200K					
232-244	4500K						
245~255	5400K						
Program	0-10	No function					7
	11-26	Program 02					
	27-42	Program 03					
	43-58	Program 04					
	59-74	Program 05					
	75-90	Program 06					
	91-106	Program 07					
	107-122	Program 08					
	123-138	Program 09					
	139-154	Program 10					
	155-170	Program 11					
	171-186	Program 12					
	187-202	Program 13					
	203-218	Program 14					
	219-234	Program ALL					
235-255	Sound						
Speed	0-255	Slow to fast	Program 02-ALL				8
		Sensitivity:0-31	Sound				
Strobe	0-10	No function				6	9
	11-255	Slow to fast					

Operation and Mode illustration

1、 Operation Mode Transformation

Press the MODE, UP or DOWN button to transform menus.

1: Program
2: DMX
3: Slave
4: Dimmer
5: Sound
6:Settings
7:Information

2、 Mode illustration

a、 Built-in Program

There are 15 built-in programs. Please press the SETUP button to enter and UP/DOWN button to select. As follows:

1、 Mode:01 Static color effect program

1)Dimmer:	000~255
2)Mode:	01
3)Color :	Black~5000K
4)Strobe:	00~99

Black	Red	Green	Blue	White	Amber	Orange	Yellow	Purple	Pink
Cyan	Light Red	Light Green	Light Blue	Warm White	Cold White	2700K	3200K	4500K	5400K

2. Mode:02~14 Built-in effect program

1)Dimmer:	000~255
2)Mode:	02~14
3)Speed:	001~100
4)Strobe:	00~99

3. Mode:ALL, run the 2~14 modes effect

1)Dimmer:	000~255
2)Mode:	ALL

b、 DMX Mode

Press the SETUP button to enter and select by the UP/DOWN button. As follows:

DMX	
Address :	001~512
Channels:	2/4/6/9-ch
Signal:	Cable/W-DMX
W-DMX Unlock	Yes/No

When choose Signal: W-DMX, wireless function is on. Fixture can match the wireless DMX signal (The received wireless DMX signal can also be output from wire DMX). When choose Signal: DMX, wireless function is off.

c、 Slave mode

Press the SETUP button to enter, choose YES. After connecting the DMX cable, the light will run with the main fixture at the same step.

Slave	Yes
	No

d、 Dimmer mode

Please press the SETUP button to enter and UP/DOWN button to select. As follows:

Dimmer	Dimmer	000~255
	Red:	000~255
	Green:	000~255
	Blue:	000~255
	White:	000~255

e. Sound mode

This is the sound mode. Press “SETUP” button enter and use “UP” and “DOWN” button to adjust the sensitivity.

Sound	Dimmer:	000~255
	Sensitivity:	00-31

f. Settings mode

Please press the SETUP button to enter and select by the UP/DOWN button. As follows:

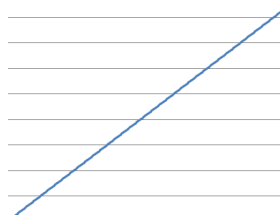
Settings	1)Curves Select:
	2)Dimmer Speed:
	3)PWM Frequency
	4)Dmx Fail:
	5) Dmx Sync:
	6)Lock:
	7)Key Backlight
	8)Display
	9)Factory:

1: Dimming Curve Setting

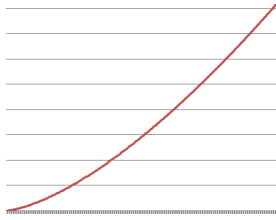
There are four available dimming curves. Please press the SETUP button to enter and select by the UP/DOWN button. As follows:

Curves Select	1)linear
	2)Square Law
	3)Inv Square Law
	4)S-Type

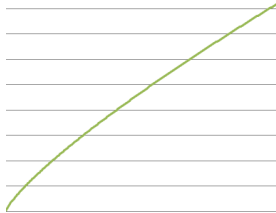
a、 linear dimming



b. Square Law dimming



c. Inv Square Law dimming



d. S-curve dimming



2: Dimmer Speed Setting

Please press the SETUP button to enter and select by the UP/DOWN button. As follows:

Dimmer Speed	Fast
	Smooth

3: PWM Frequency Setting

PWM Frequency	12K
	6K
	4K
	3K

4: DMX Fail console DMX signal clear.

Please press the SETUP button to enter and select by the UP/DOWN button. As follows:

DMX Fail	Off	(When DMX signal connection fail, light off)
	Hold	(When DMX signal connection fail, light keeps current state)

5: DMX Sync DMX

In DMX mode, several fixtures can also operate at the same step, even though no DMX control for a period of

time.

Dmx Sync	On
	Off

6: Lock

Lock	On
	Off

7: Key Backlight

Key Backlight	On
	Off

8. Display direction

Display	Normal
	Inverted

9: Factory resets

All data will restore initial state after factory sets. Please press the SETUP button to enter and select by the UP/DOWN button. As follows:

Factory	Yes
	No

g、Information Mode

Store relevant information, as follows:

Information	Version: x.x
	Temperature: xx°C
	Signal: Cable/W-DMX
	Work Time:xxxxxh
	UID:xxxxxxxxxxxx

Please press the SETUP button for 5 seconds to enter and input 0088 to clear work time.

一、IR Remote function instruction

Reminder: when using a remote control, please aim at the fixture to make sure the operation is flexible.

1、 ON/OFF

This is the ON / OFF function button.

2、 AUTO

This is the built-in problem more ALL effect, to run from 02~14.

3、 Dimming

When fixture under the “program”, “sound”, “dimmer” mode, press “+” or “-” to set the master dimmer 000~255

4、 Color

Press this button to enter the dimmer mode. Press it again to change the “R, G, B, W” color. press “+” or “-” to set the master dimmer 000~255

5、 Sound

Press this button to enter the sound mode. press “+” or “-” to set the sensitivity 0~31

6、 Program

Press this button to enter the program mode. press “+” or “-” to select “Program 02-14, ALL”

7、 Speed

When under program mode, press this button could set the running speed. press “+” or “-” to set the speed from 0~100

8、 STROBE

When it is in built-in programs, press this button enter into the strobe setting. If it is in strobe already, then press STROBE to be off and vice versa. Set the strobe value “FS.00~FS.99” by “+”/ “-”

9、 S+/S-

Press this button to enter the static color mode, choose the color 0~15

*Recover to the factory setting

Press “OFF” button, then continuous press “STROBE” “SPEED” “PROGRAM” is factory resets.

二、RDM(Remote Device Management)

This fixture has RDM function. RDM is the protocol which supports two-way traffic in standard DMX512. Configure and monitor fixture, like change DMX address, DMX mode and so on. Every fixture with RDM can be recognized by built-in UID code.

Parameter ID	Discovery command	SET command	Get command
DISC_UNIQUE_BRANCH	*		
DISC_MUTE	*		
DISC_UN_MUTE	*		
DEVICE_INFO			*
SOFTWARE_VERSION_LABEL			*
DMX_START_ADDRESS		*	*
IDENTIFY_DEVICE		*	*
SUPPORTED_PARAMETERS			*
SENSOR_DEFINITION			*
SENSOR_VALUE			*
DMX_PERSONALITY		*	*
DMX_PERSONALITY_DESCRIPTION			*
RESET_DEVICE		*	
FACTORY_DEFAULTS		*	

六、 Usage Tips

- 1、 No button operation 30s, it will lock the screen automatically and show the current operating mode, software version and temperature status. At the same time, press and hold the MODE and SETUP keys for 2S to unlock. Press the MODE and SETUP keys at the same time to quickly lock the unlock status. (Lock needs to be YES in Setting).
- 2、 In the unlock state, long press the MODE for 3s to quickly unlock the WDMX and WDMX startup.
- 3、 Press “Up” and “Down” button for 3seconds then could achieve the factory reset quickly.
- 4、 When the product is powered on and the version information is displayed, press and hold the “MODE” and “SETUP” together for a few seconds to restore factory settings and the data will be initialized.
- 5、 Please use according to the product user manual to avoid safety accidents.
- 6、 When the environment temperature is not in the allowable using range, please reduce full power usage time to prevent products from overheating and damage if the ambient temperature is high.
- 7、 When the product is powered on, if the LED display screen prompts temperature “×” or it prompts ×℃ when the screen is locked, which means temperature anomalies. Please check whether the internal temperature control lines of the product is well connected or not to ensure the product can work normally.
- 8、 Do not remove the lamps under electrical condition to prevent safety accidents.