

USER MANUAL for
Neo-Neon SRC-171 “Color Master DMX” LED controller

INTRODUCTION



SRC-171 is an intelligent power source with multi functions console. It can also to be applied on dimming and on/off switch. The voltage SRC-171 supply is DC24V, three outputs to control R, G & B, and the currenxy is 3.5A each, total output is 10A. This controller can be used independently or controlled by DMX-512 controller.

SPECIFICATION

Weight: 1.6kg
Size: 360*210*65
Input voltage: 220VAC---240VAC
Output voltage: 24VDC
Max. output power consumption: 360W
Signal output connector:
DMX connector: 3-pin connector
Out shell: Q235

OPERATING INSTRUCTIONS

1)Pushing the MODE button to select: *DMX*, *Manual*, *Roll* or *Auto* modes.

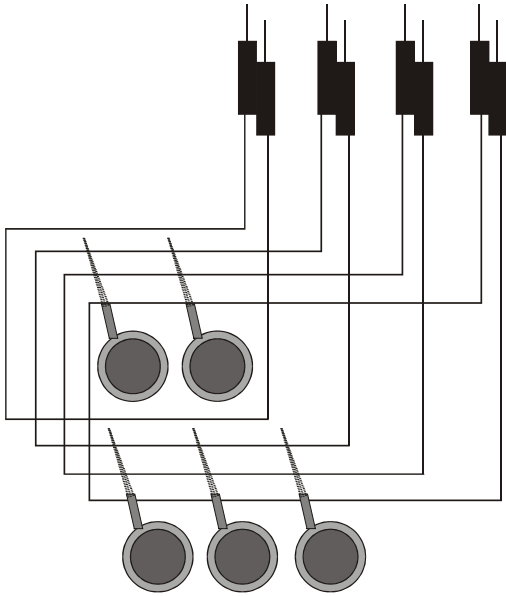
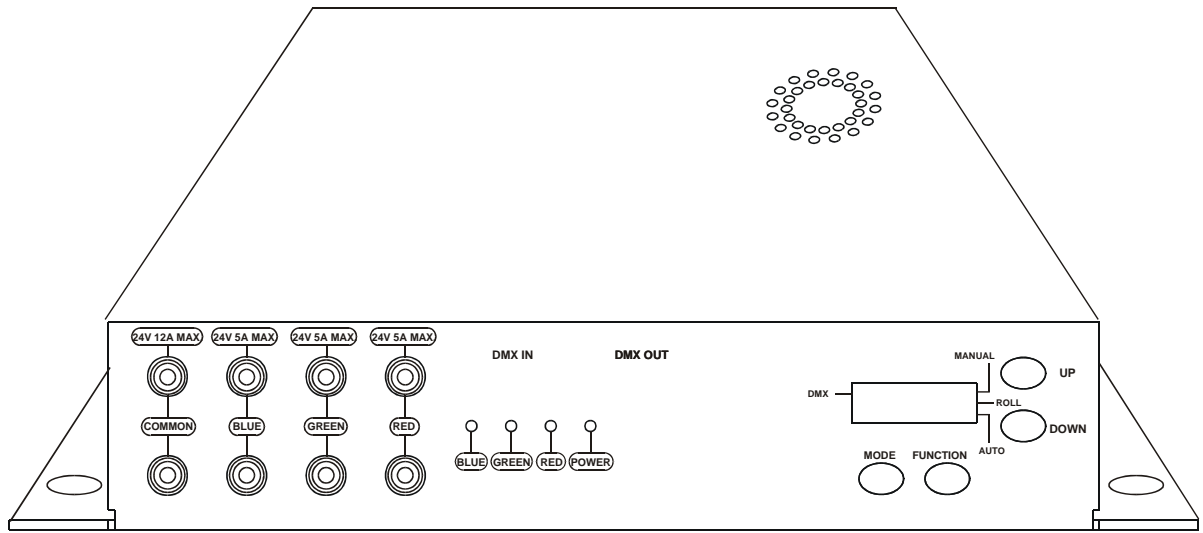
- A) Manual Mode: In *Manual* mode, press the FUNCTION button after entering this mode, the LED menu display will show correspondingly **R000**, **G000** or **B000**. **R** stands for red output, **G** for green and **B** for blue. Press UP or DOWN to adjust the output figure from 000 to 255.
- B) Roll mode: In *Roll* mode, press the FUNCTION button after entering this mode, the displayer will display correspondingly **ro-1** or **SP01** or **FS00**. “RO”, “SP” and “FS” stand for roll mode, roll speed and strobe speed respectively. Press UP and Down to adjust respectively the ROLL mode between 1 to 4, ROLL speed between 01 to FL, corresponding time between 0.12S to 6S, strobe speed between 00 to 99, corresponding speed between 25Hz to 0.5Hz.

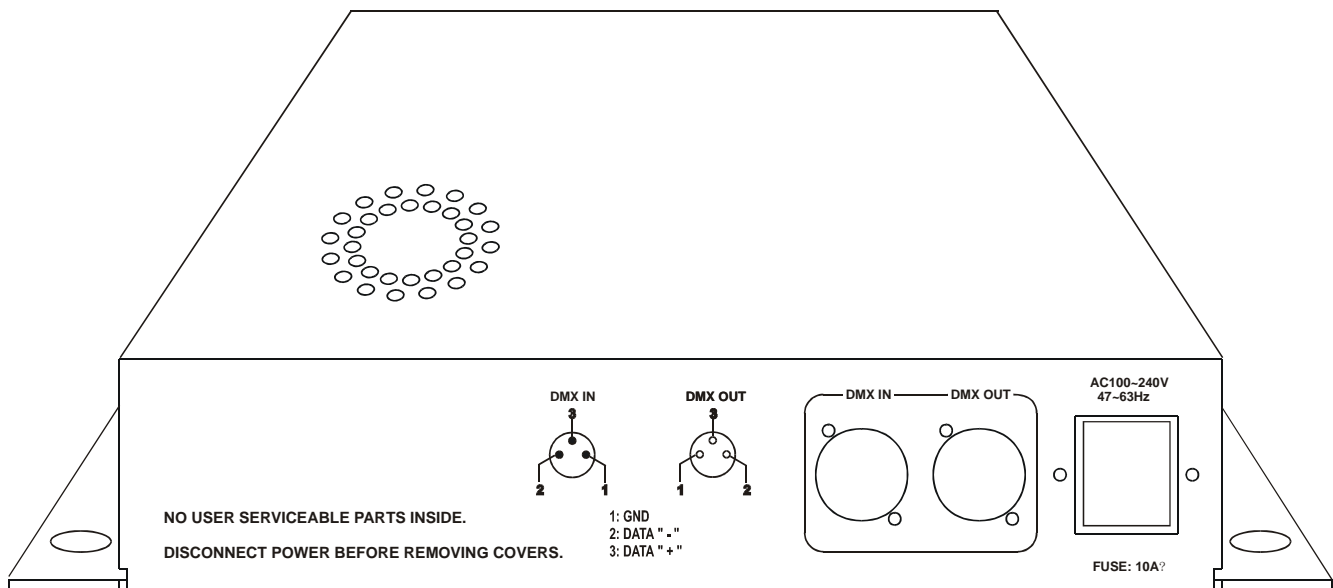
- C) Auto mode: In *Auto* mode, press FUNCTION button after entering this mode, the display will display correspondingly **SP01** or **FS00** OR **FD00**. “SP”, “FS” and “FD” stand for color-changing speed, strobe speed & step speed. Press UP & DOWN to adjust respectively color-changing speed between 01 to 100, corresponding time between 0.12s to 6s, and strobe speed between 00 to 99, corresponding speed between 25Hz to 0.5Hz, step speed between 0 to 10s.
- D) DMX Mode: In *DMX* mode, press the FUNCTION button. The LED menu display will show either **d001** or **d-P1**. “d001” stand for the SRC-171 initiative address to receive DMX signals. Press UP or DOWN to adjust the address between 001 to 512; enter **d-P1**, denotes the mode of reception of DMX signal, press UP or DOWN to choose P1 or P2, the work mode as following

Channel	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6
Mode						
P1	Select internal program (128)	Output Control	Strobe Speed	No function	Step Speed	No function
P2	Red	Green	Blue	Output Control	Strobe Speed	Step Speed

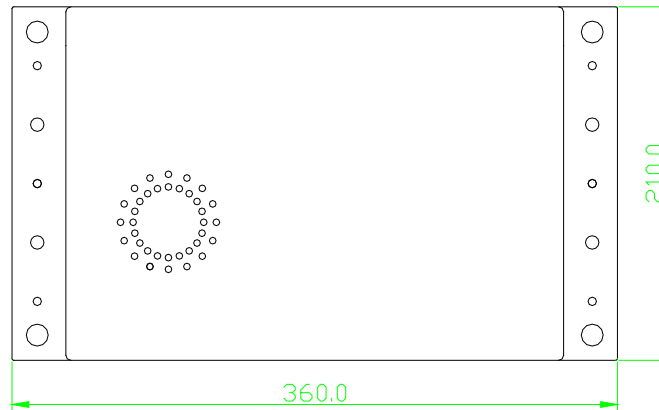
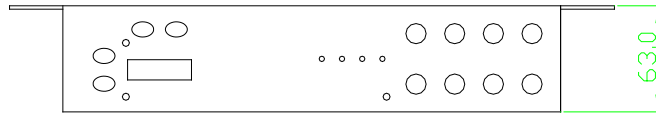
Cable length limits:

Percentage of full load	Output Distance (Meters)	Output Cable diameter
0-100%	1m-20m	$\geq 1.5\text{mm}^2$
0-40%	21m-40m	$\geq 1.5\text{mm}^2$
41-100%	21m-40m	$\geq 2.5\text{mm}^2$





Size



TROUBLESHOOTING

1. The screen does not light.
Check the power connection.
Check the socket
 2. The buttons do not work
Check whether all the springs of the buttons are still elastic to bounce back.
Check whether a clear sound is produced by pressing the button.
 3. The screen is flashing after connected to the power.
Check if there is any button spring loses its elasticity to bounce back.
- If all the methods above do not work, please contact the tech support.