

Декодер DMX VT-5 (12-36V, 240-720W, 4CH)



DMX512 decoder is highly reliable, cost-effective decoder. Max 4-channel output can be selected; it can be functioned as RGB decoder under 3-channel output mode is selected.

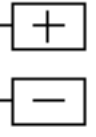


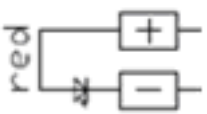
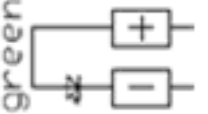
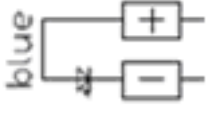
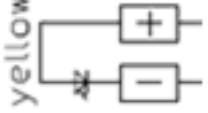
PARAMETERS:

- Input Voltage: 12-36V
- Load Current: 4×5A
- Max Load Power: 4×120W
- Working Temperature: -20°C ~ +50°C
- Load Type: 0.04-0.1W (LED strip, led panel, led module, etc)

FEATURES:

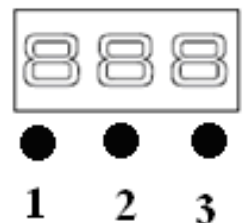
1. Standard DMX512 compliant control interface, manual/automatically addressable.
2. Intuitive and convenient to set the address via addressing buttons.
3. Three channel/ four channel output selectable, Max. 5A per channel
4. To work with power repeater to expand output power unlimitedly.

INSTRUCTION:

Terminal	Instruction	Terminal	Instruction
 PRI	DC12-36V Power Input DC12-36V	 D+ D-	DMX512 Input Signal Wire, D+ connect positive signal, D-connect negative signal.
		 D+ D-	DMX512 output signal-wire, D+ connect positive signal, D-connect negative signal.
 red	Connect red LED	 green	Connect green LED
 blue	Connect blue LED	 yellow	Connect white LED, under RGB mode, leave it un-connected.

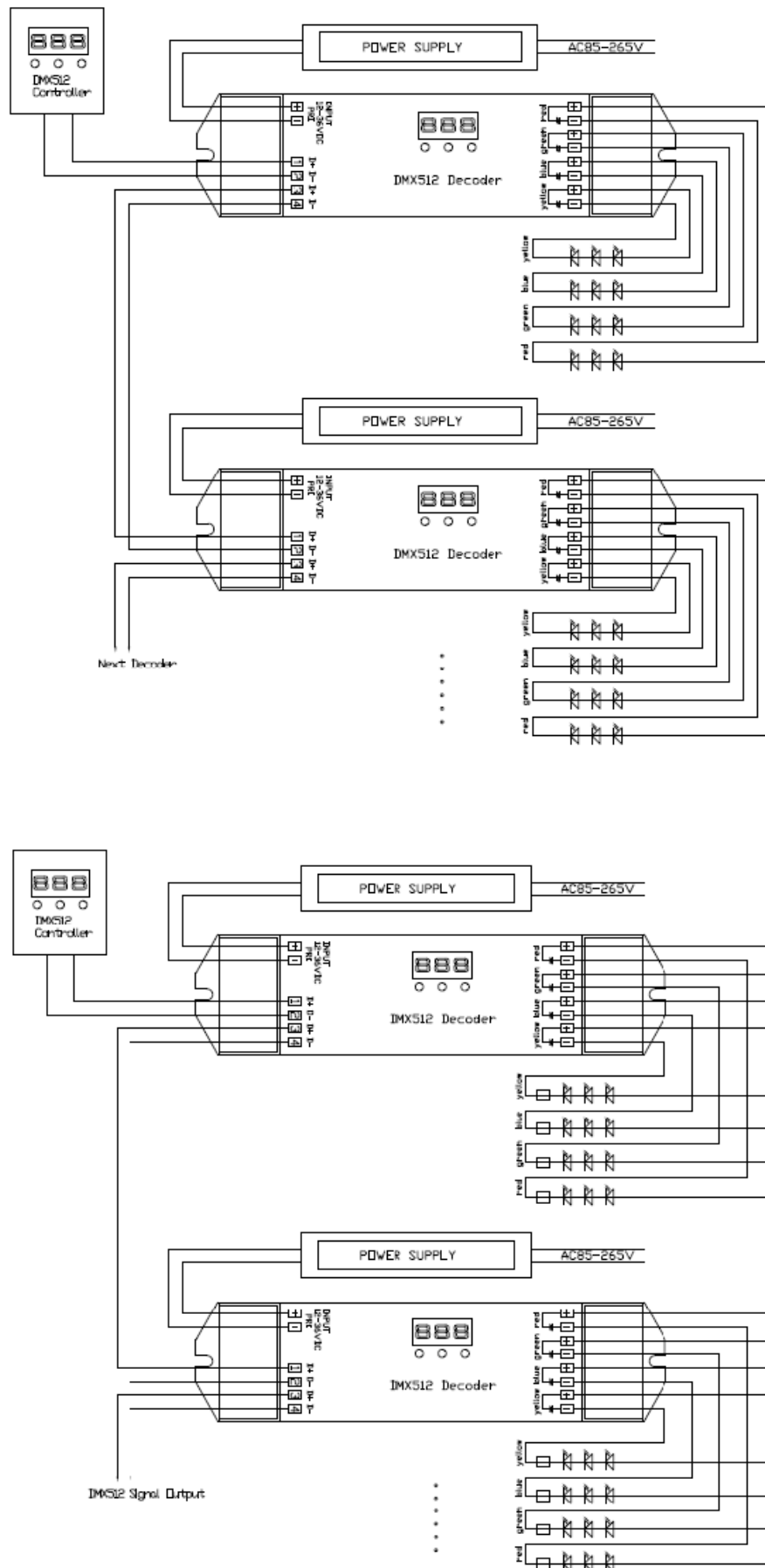
Through buttons to set desired DMX512 address, Button 1 is to set "hundreds", Button 2 is to set "ten" position, Button 3 is to set "0~9" bit.

To switch on the DMX512 controller, then it can work correctly.

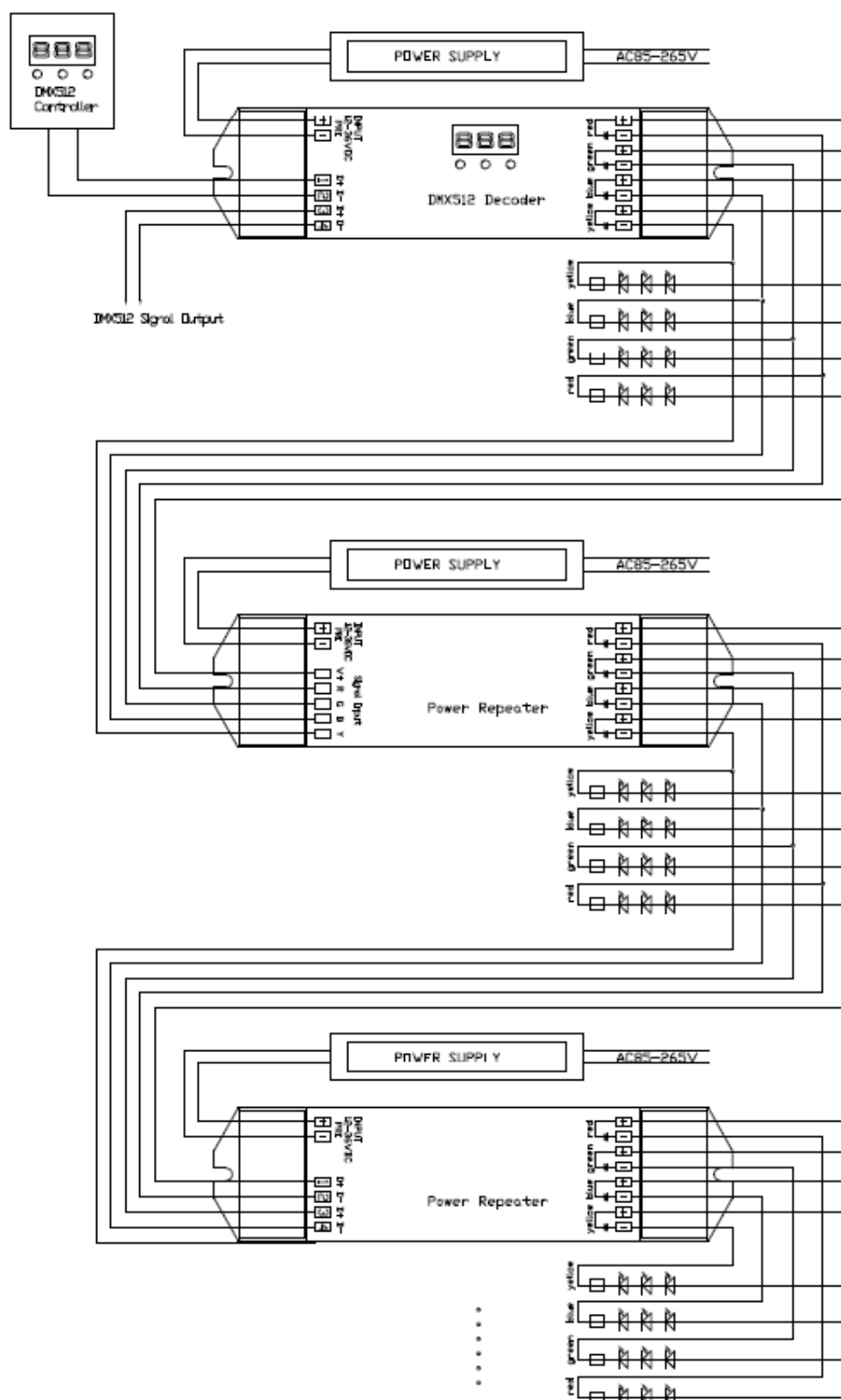


WIRING DIAGRAM:

- Single connection diagram



- Power repeater connection diagram



FAILURE ANALYSIS AND SOLUTION:

Failure symptom	Analysis	Solution
LED can't be lit or out of control after lit	DMX512 signal wire is connect in loose. LED light polarity in reverse	Re-connect DMX512 signal wire. switch around LED polarity.
In series, led lights on one decoder or several decoders can be lit or out of control.	DMX512 signal wire is in loose contact. LED light polarity in reverse	Re-connect DMX512 signal wire. switch around LED polarity.