DMX 512 Decoder Series



C€ RoHS

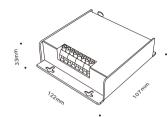
Specifications

Model: DE8504 Input Voltage: DC12-24V Max output Power: 480W(12V)/960W(24V) 500Hz/5000Hz Max current Load: 10A*4CH Max 40A Frequency: Signal Input: DMX512/1990 Control channels: 4CH Protection Grade: IP20 DMX512/PWM Socket: RJ45/XLR/Screw terminal Gross Weight: 320g Work Temp.: -30°C~70°C

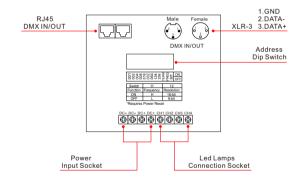
Basic Features

- Provide 3 PIN (or 5-PIN option) XLR and RJ45 DMX connectors.
- Output 4 channels, MAX 10A per channel. Total current is 40A.
- The DMX address of the dip switch can be freely set.
- 256 level gray scale, full color drive control.
- · Automatic protection and recovery function for short circuit and overload.

Dimensions

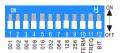


Component Diagram



Product Operation

Self-testing Mode:put all Dip-Switch NO.1 to NO.9 OFF full channels output 3 seconds then each color gradient.



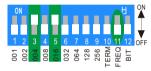
How to set DMX address via DIP switch:

DMX address value = the total value of (1-9) to get the place value when in "on" position otherwise will be 0.

E.g. 1: Set Initial Address to 16.

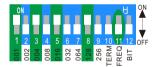


E.g. 2: Set Initial Address to 20.



004+016=20

E.g. 3: Set Initial Address to 149.



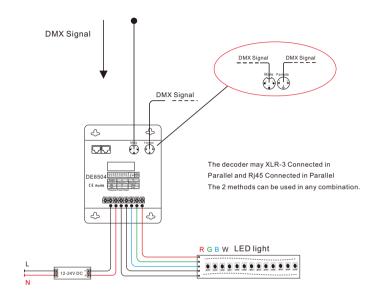
001+004+016+128=149

Dip-Switch NO.10 is TERM for whole signal circle. Dip-Switch NO.11 for Frequency option ON: 5000HZ(H) OFF: 500Hz(L) Dip-Switch NO.12 for Bit option: ON: 16bit OFF: 8bit

NO.11 and NO.12 change come into operation when Re-Power on.



Wiring Diagram



An amplifier is needed when more than 32 decoders are connected signal amplification should not be more than 4 times continuously DMX5000 output and DE8504's transmission lines can't be over 300 meters.

Suitable lamps and lanterns



LED Hard Light Bar Geographic Light AR111