

## DIN-Rail CV Decoder

0-80...384W 4A × 4CH 5-24Vdc

- Dimming interface: DMX512, RDM.
- PWM digital dimming, no alter LED color rendering index.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Max. current output: 16A.
- Full protective plastic housing.
- Suitable for indoor environments.

FC CE RoHS

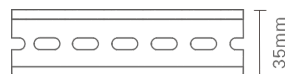
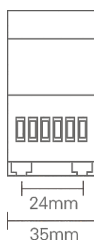
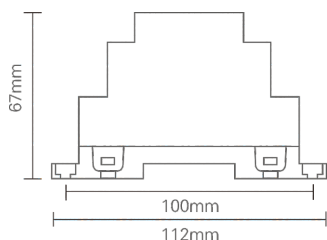
(warranty  
5 years)

## Main Characteristics

Dimming Interface: DMX512, RDM  
 Input Voltage: 5~24Vdc  
 Output Voltage: 5~24Vdc  
 Output Current: 4A×4CH Max. 16A  
 Output Power: (0~20W...96W)×4CH Max. 384W  
 Dimming Range: 0~100%

Mounting: DIN-Rail or Screw  
 Working Temperature: -30℃~55℃  
 Product Size: L112×W35×H67(mm)  
 Package Size: L114×W37×H70(mm)  
 Weight(G.W.): 135g

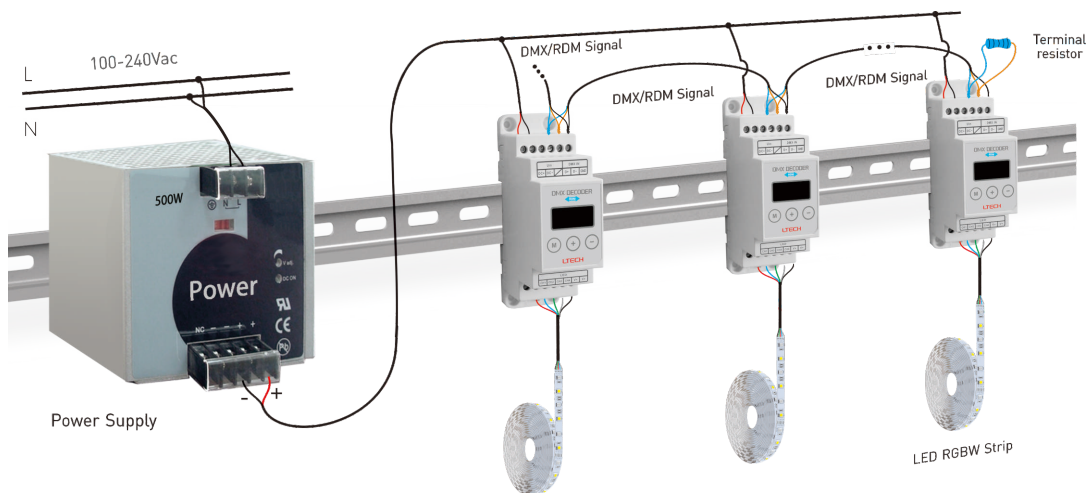
## Dimensions



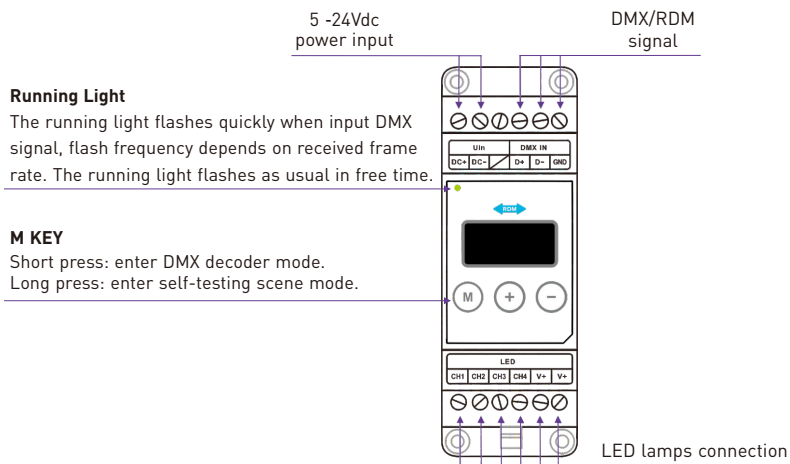
DIN Rail Mounting Size:  
TS-35/7.5 or TS-35/15

## Wiring Diagram

12V lamp connected, loads 0~192W(12V). 24V lamp connected, loads 0~384W(24V).



- \* An amplifier is needed when more than 32 decoders are connected, signal amplification should not be more than 5 times continuously.
- \* If the recoil effect occurs because of longer signal line or bad line quality, please try to connect 0.25W 90-120Ω terminal resistor at the end of each line.

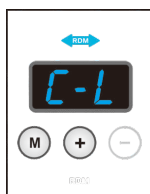
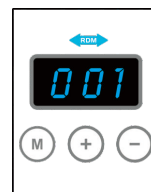


## DMX Decoder Mode.

In DMX decoder mode, the screen will be locked if unmanned operation for 15S, press  $\oplus$  or  $\ominus$  key to unlock.

Address Setting: Press  $\oplus$  or  $\ominus$  key, the 3 address value start to flicker, the DMX initial address can be changed now. (Range: 001-512)

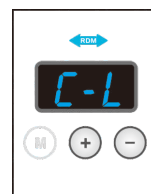
- $\oplus$  : Short press to add one more address, long press to add quickly.
- $\ominus$  : Short press to subtract one more address, long press to subtract quickly.
- $\textcircled{M}$  : Short press to quit.



Long press  $\textcircled{M}$  and  $\oplus$  key at the same time, set the brightness output to linearity curve [C-L].



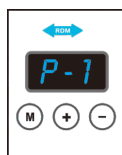
Long press  $\textcircled{M}$  and  $\ominus$  key at the same time, set the brightness output to Gamma curve [C-E]



Long press  $\oplus$  and  $\ominus$  key at the same time, check the present luminosity curve.

## Self-testing Scene Mode.

Long press "M" key to enter self-testing scene mode.



Switch changing modes by pressing  $\oplus \ominus$  key.

NO.	Digital Tube Display (press +/- to switch)	MODE
1	P-1	Static Red
2	P-2	Static Green
3	P-3	Static Blue
4	P-4	Static Yellow
5	P-5	Static Purple
6	P-6	Static Cyan
7	P-7	Static White
8	P-8	7 Color Jumping
9	P-9	7 Color Smooth

## Restore the Default Parameter:

Long press  $\textcircled{M} \oplus \ominus$  keys at the same time, Restore the default parameter, digital tube display "RES".

Default Parameters: DMX decoder mode, DMX base address is 1, Gamma curve, self-test in No.1 pattern status.

