

# BY-AP-DR *Product Specifications*

**NAME:** 8 Output Dream-color Signal Amplifier

**MODEL:** KW-AP2



## Summarization

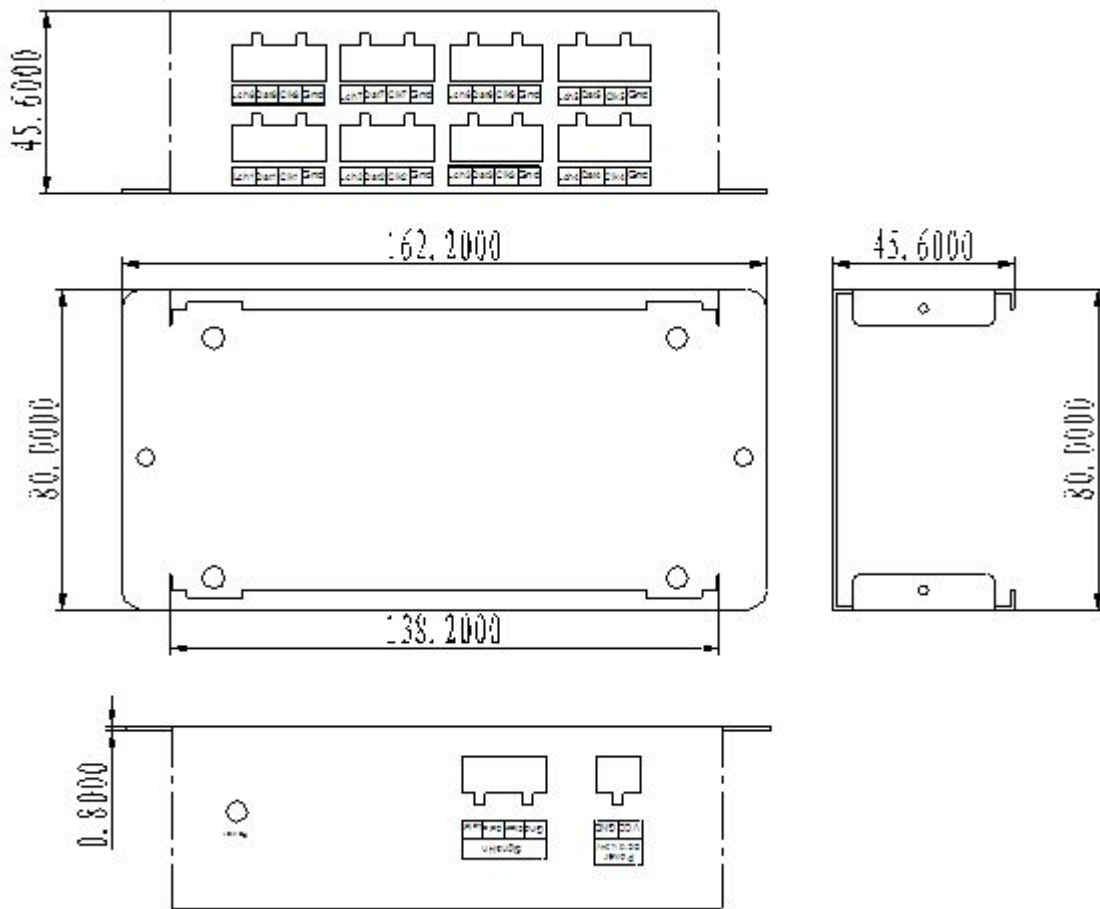
Dream-color amplifier applies to all the dream-color controllers of our company, each time add one dream-color amplifier, it could output 8 groups of dream-color signals, achieve the effect of multi-group dream-color strip light changing synchronously. Dream-color amplifiers could be connected immensely.

## Technical parameters

- working temperature: -20-60°C
- supply voltage: DC12-24V
- static power consumption: <1W
- output: 8 SPI signal
- net weight: 116g
- gross weight: 170g
- external dimension: L140 x W 70 x H25mm
- packing size: L148 x W76 x H48mm

## External Dimension

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## Interface Specifications

Input interface:



VCC is the positive of power input, GND is the negative of power input; LATCH is interface of latching signal; DATA is interface of dream color date signal; CLOCK is interface of clock signal; GND is common ground.

Output interface:

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Lch1 is the interface of latching signal of port 1; Dat1 is dream color date signal interface of port1; Clk1 is clock signal interface of port1; Gnd is common ground. The other seven output port is same as output interface of port1.

## Direction for Use

According to the silk-screen prompts on the panel of dream-color amplifier, connect input and output signal wires in order, ensure short circuit can not occur between wires, then connect power with dream-color amplifier, actually use it with dream-color controller, please reference to the following typical application.

## Typical application:

