AP240 Wireless Power Amplifer（Master）

Product Specification

SHENZHEN LEYNEW TECHNOLOGY CO., LTD

1. Summarization

Wireless power amplifer is our new research and development of new type of controller, the product features easy installation, host controller for 4 road PWM signal acquisition, host a low voltage product through collecting any PWM output signal, through the way of wireless transmission, parse it out on the extension. Can realize acquisition terminal and parsing model, synchronous control effects of same.

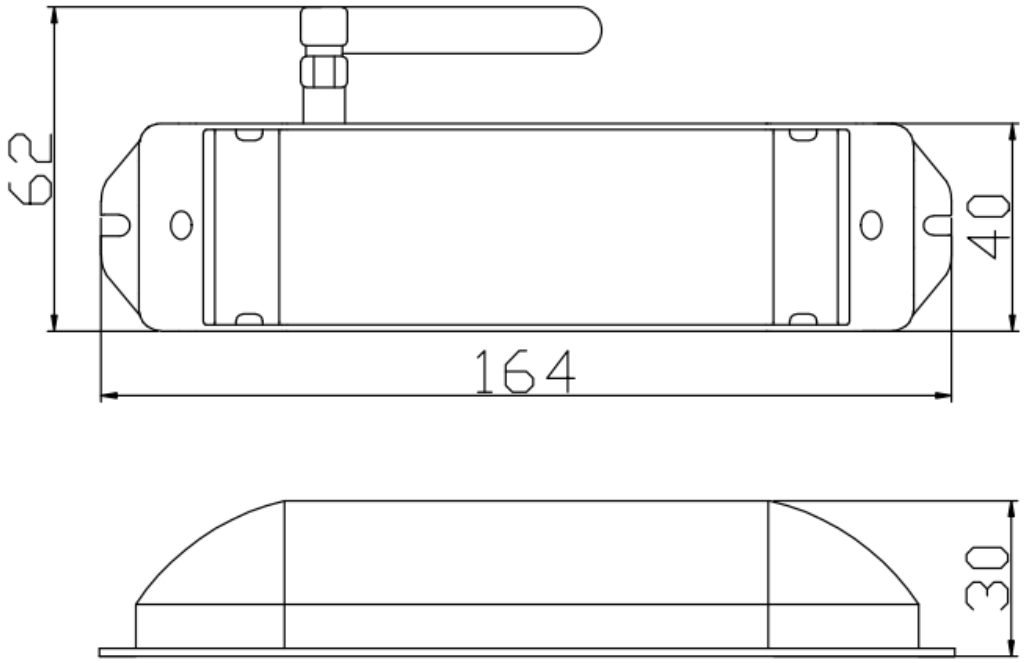
2.Product feature

Master collect the PWM output of controller, then switch for digital quantity and send to slave by wireless mode of 2.4G. Slave will switch for PWM and output it directly if it receive the data.

3. Technical Parameters

3.1 Working temperature: -20-60 ℃
3.2 Supply voltage: DC12V -24V
3.3 Output: loop 4
3.4 Connection mode: common anode(DC12V)
3.5 External dimension: L164*W62*H30mm
3.6 Packing size: L170*W55*H45mm
3.7 Net weight: 140g
3.8 Gross weight: 195g
3.9 Static power consumption: <1W
3.10 Output current: <1.25A (each channel)
3.11 input signal: PWM signal input brightness is over 10%.
3.12 when the host and the extension are used together, the host can place high height for the extension to receive data. The maximum distance of transmission is 100 meters.

4. External Dimension



5. Interface Instruction

5.1 ①:connected the V+ was output by upper controller

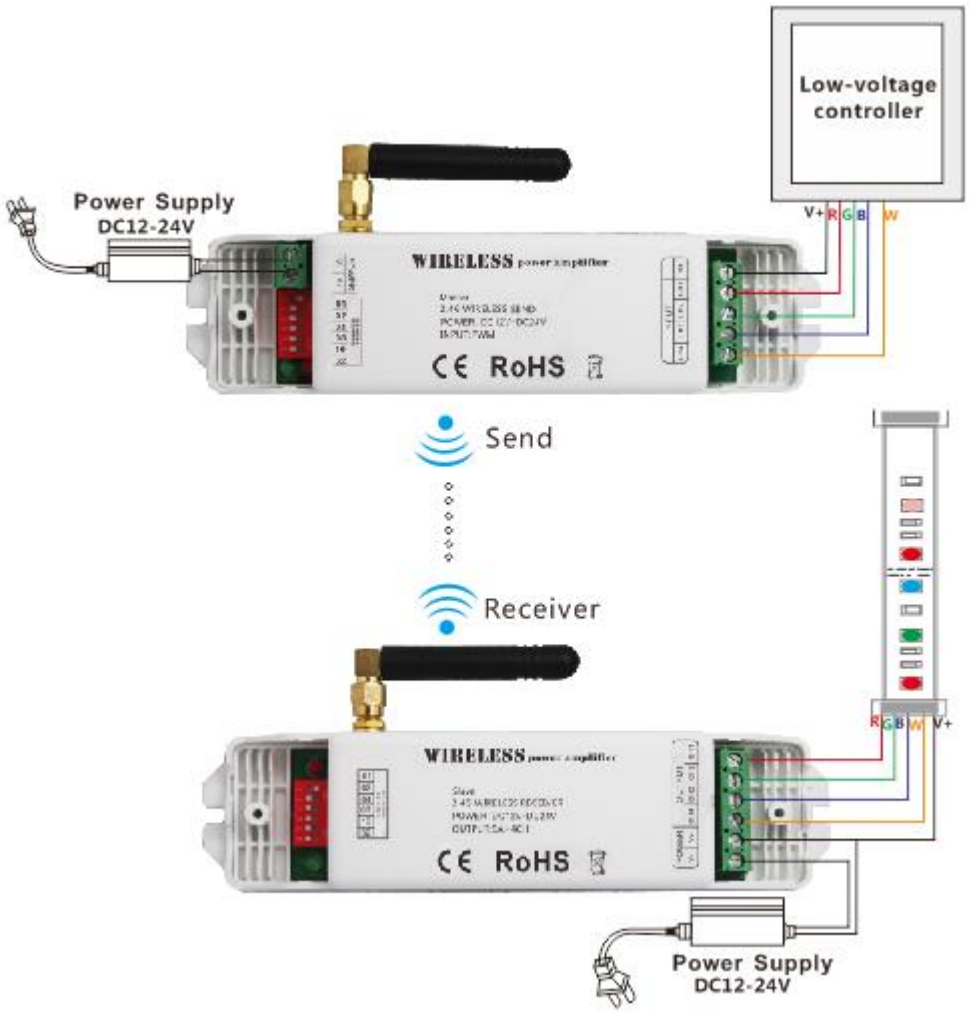
5.2 ②③④⑤:input signal: the interface is signal “-” which connect “led-” output by upper controller

5.3 ⑥⑦:power supply

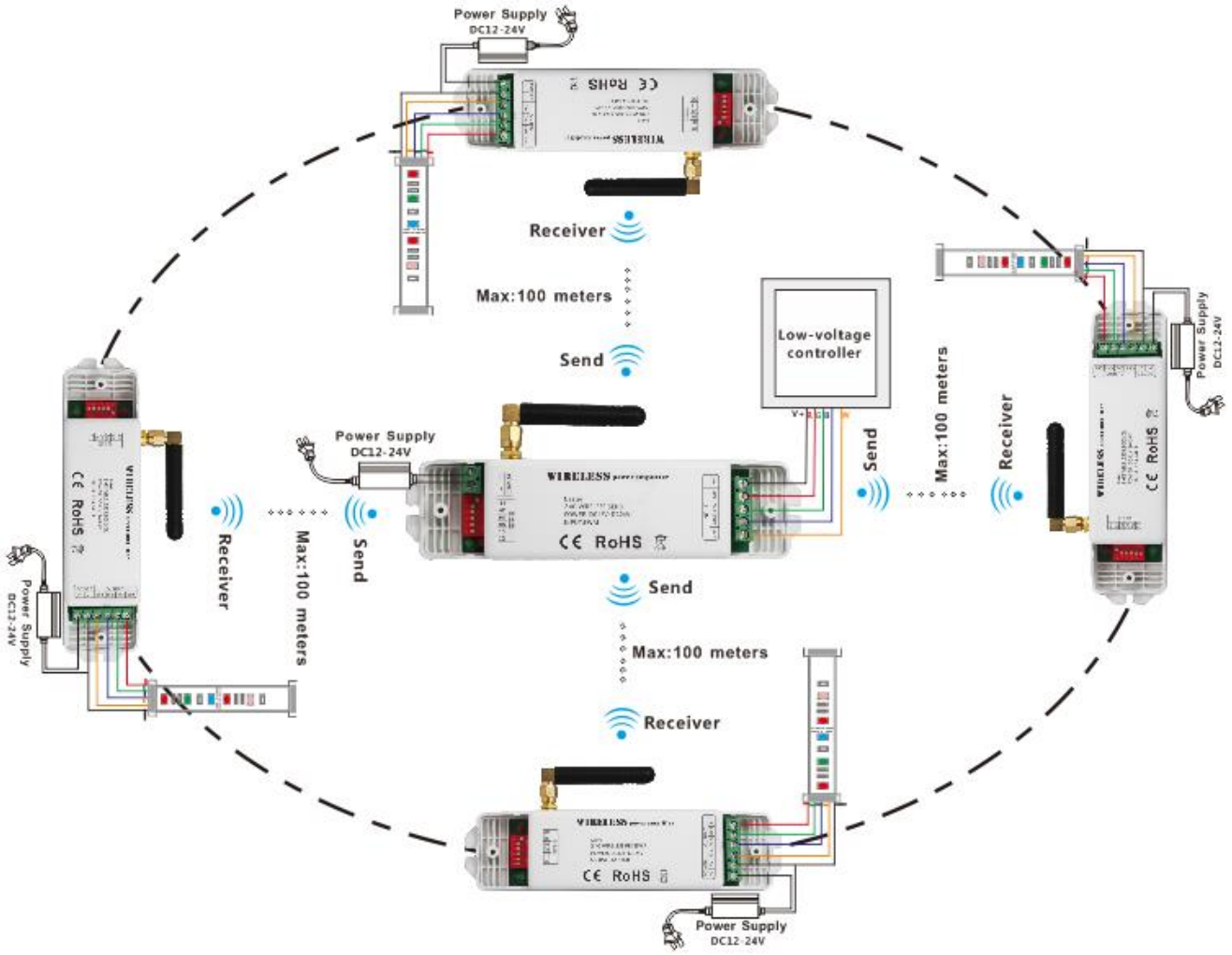
5.4 ⑧:communication frequency was selected by 6-digit

6. Typical Application

Connect single slave device application:



Connect multiple slave device application:



7. Remarks

7.1 Connect the load line at first, following by the power wire: Please ensure short circuit can not occur between connecting wire before you turn on the power.

7.2 collected to the corresponding line according to the interface instructions and be careful not to reverse the wire.