



## K-AD800 manual

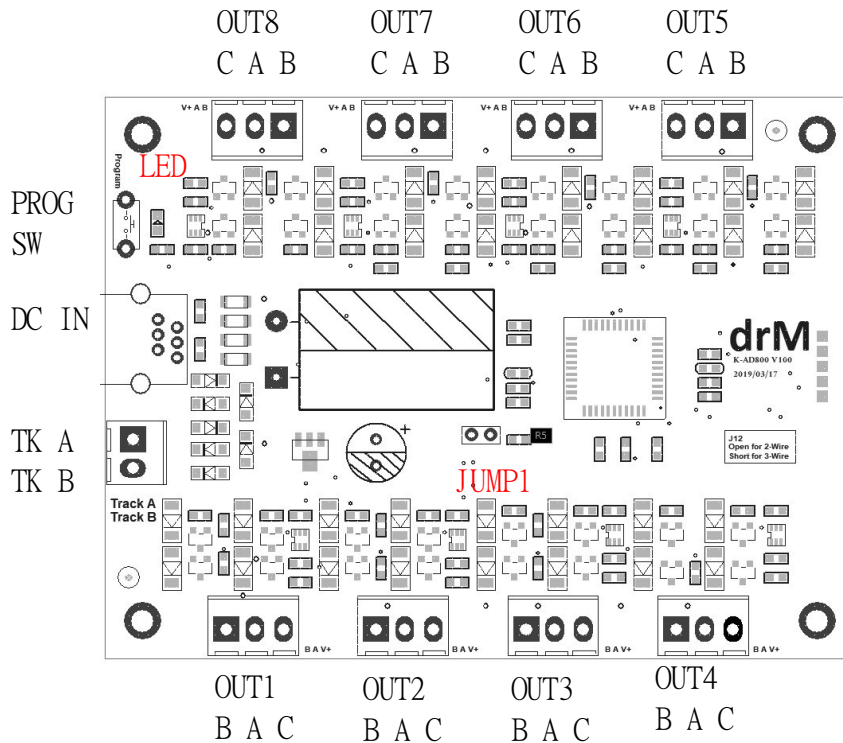
- **Precautions**

1. Please read the instruction manual carefully before use.
2. This product is not a toy and is not suitable for children under 14 years old.
3. Do not modify product parts to avoid damage.
4. Do not place conductive substances on the surface of the product.

- **Features**

1. 1. Can be connected to 2-wire turnout motor (Japan), 3-wire turnout motor (US/Europe).
2. 8 groups of turnout output
3. Support DC/DCC two systems, DC needs to be used with RCA100.
4. DC plug and play, no need to set the address.
5. You can set the address 1~1023.

• Connection Diagram



1. OUT1~8 Turnout output terminal, three-wire connection mode C represents a common terminal, A/B is a two-polar terminal,
2. Two-wire connection mode, A/B is connected to both ends of the switch rail magnet. When the switch rail moves in the opposite direction, please exchange the A/B two-point wire.
3. TKA/B DCC power input.
4. DC IN DC control board (RCA100)terminal.
5. PROG SW DCC Address edit button.
6. JUMP1 Choice of 2-line/3-line turnout motor, open/2-line, short/3-line.
7. TKA/B and DCIN can only be connected to one of them at the same time, and cannot be connected at the same time to avoid burning the chip..
8. LED LED off means Power OFF or edit address, LED flashing means entering DC mode, LED constant on means DCC mode..

- **DCC Address setting**

1. Connect the DCC rail power supply.
2. Turn on the power of the DCC controller, the LED will be steady on
3. After pressing PROG SW, the LED turns off.
4. Select the address number you need on the DCC controller, and press the C/T key, the LED lights up to indicate that the address setting is completed.
5. The OUT1 address is the address set on the DCC controller, and the other outputs are the set address plus one increment. .