

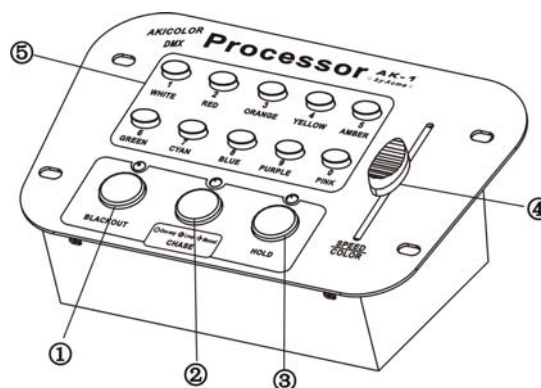


General Instructions :

- ✧ A professional, user friendly DMX controller for AK-150 / AK-250.
- ✧ Equipped with 10 different hold-color buttons for instant access of colors.
- ✧ Comes with 10 different chase patterns. Providing One way / Loop /Manual modes for the show.
- ✧ No quantity limit for the light connection.
- ✧ Chase Speed adjustable & Blackout function.
- ✧ Power supply: DC 9V 500mA Min.
- ✧ Size: 210 X 133 X 77 mm ; Weight: 0.84 kg

Function Instructions :

Front view



1. Blackout
2. Chase

Blackout the fixtures.

Press the button for select chase patterns with three modes:

1. **One way mode (LED on)** – This mode is especially good for chase patterns – 7, 8, 9, 0 only. If you have 100 fixtures linked together, the color chase will be from No. 1 (e.g. red) , 2 (red) , 3 (red) to no. 99, 100 (red) , then change color from beginning again No. 1 (e.g. blue) , 2 (blue) , ... to no. 99, 100 (blue) ,
2. **Loop mode (LED fast blinking)** –This mode is good for chase patterns – 7, 8, 9, 0 only. If you have 100 fixtures linked together, the color chase will be from No. 1 (e.g. red) , 2 (red) , 3 (red) to no. 99, 100 (red) , then go back and change color from No. 100 (e.g. blue) , 99 (blue) ,to no. 2, no. 1 (blue) ,
- (Chase Patterns 1 ~ 6 are very good for color changing/ combinations, but it's not easy to tell the difference in these patterns between one way mode and loop mode.)
3. **Manual mode (LED slow blinking)** – In this mode, you can select the scenes from the 10 chase patterns, however, the scene is static and each fixture can be in different colors. For example, in this case (chase pattern 2) , you can have 4 different colors at first stage, when you press button 2 again, the fixtures will change to another 4 different colors, and you continue pressing button 2, another 4 colors will come out. The manual mode is good comparing to Hold color (all fixtures always have the same color) , you can have different colors on each fixture when you want.

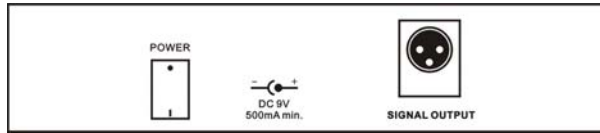
3. Hold
4. Speed / color Slider
5. Color / number buttons

Press the 10 buttons for color selection.

Adjust chase speed from fast to slow or select colors within the value range 0-255.

The buttons for selecting color on White / Red / Orange / Yellow / Amber / Green / Cyan / Blue / Purple / Pink or selecting chase patterns 1~10.

Rear view



- Power Switch Turn On/Off the power.
- DC Input DC 9V, 500mA min.
- Signal Output For sending DMX512 signal to the fixture.

Chase pattern

Pattern 1	Changing colors at random, all units with same color
Pattern 2	Group changing colors – one by one
Pattern 3	Group changing colors – two by two
Pattern 4	Group changing colors – four by four
Pattern 5	Group changing colors – eight by eight
Pattern 6	Group changing colors – 16 by 16
Pattern 7	Color chasing – one after one fixture in sequence
Pattern 8	Color chasing – 2 after 2 in sequence
Pattern 9	Color chasing – 4 after 4 in sequence
Pattern 0	Color chasing – 8 after 8 in sequence

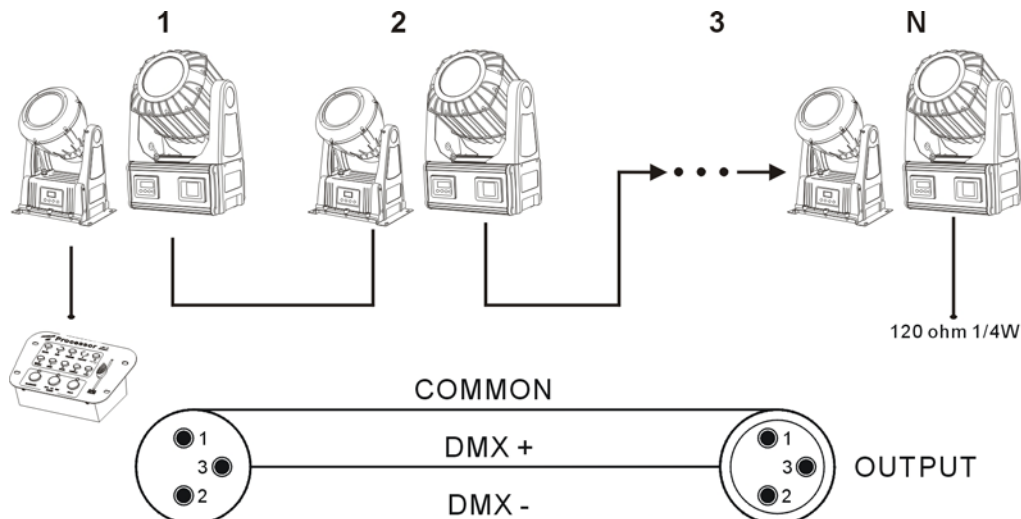
Setting DMX address remotely by the controller:

Hold down the BLACKOUT button for 3 seconds, and at the same time select the number buttons to set lighting amount in the chain. When you set the fixtures amount (for example **250**), the DMX address of each light will be set automatically (for example, from 1 ~ 250).

Re-set:

Hold down the Blackout button at least 3 seconds until the LED is blinking, then press Hold button to re-set the fixture.

DMX512 connection



Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 120 ohm 1/4W) between pin2 (DMX-) and pin3 (DMX+) of the last fixture.

