

Kolor Wheel LE-14



User Manual

Read instructions carefully before use.

1. Technical Specifications

- Power supply

Input Voltage : AC 120V-60Hz / AC 230/240/250V-50Hz

- LED

Color LE-14 : total 156pcs, Red 52pcs, Green 52pcs, Blue 52pcs /15W

Color LE-12 : total 177pcs, Red 60pcs, Green 61pcs, Blue 56pcs /20W

Color LE-22 : total 118pcs, Red 40pcs, Green 51pcs, Blue 27pcs /12W

Color LE-23 : total 169pcs, Red 56pcs, Green 57pcs, Blue 56pcs /18W

Color LE-05 : total 336pcs, Red 112pcs, Green 144pcs, Blue 80pcs /30W

Color LE-13 : total 177pcs, Red 60pcs, Green 61pcs, Blue 56pcs /20W

- Channels

Channel 1= Strobe /Sound Chase

Channel 2= Dimmer

Channel 3= Color Chase

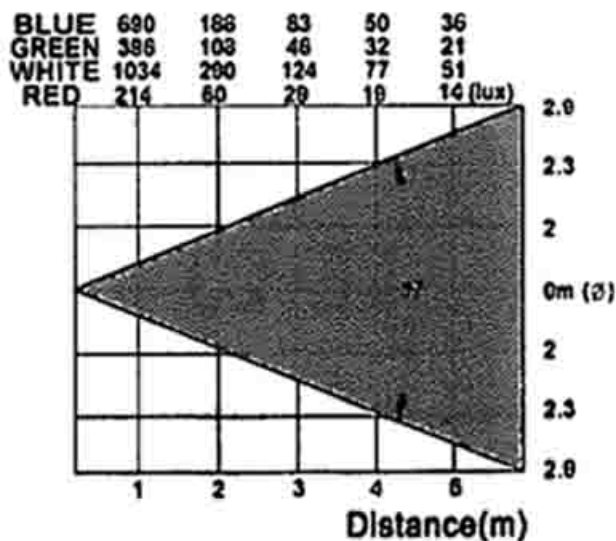
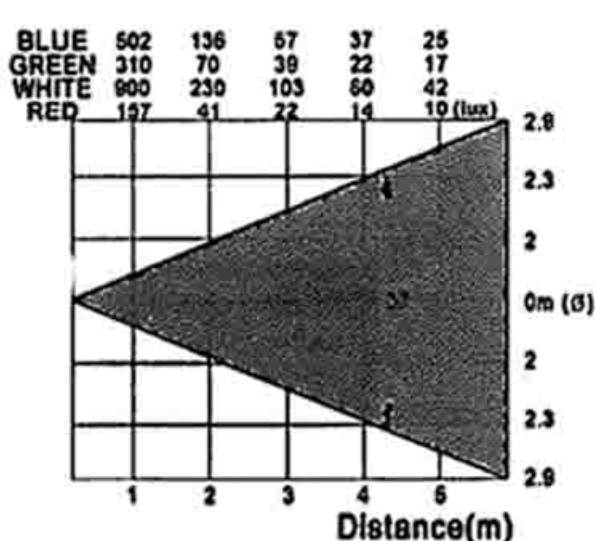
Channel 4= Red

Channel 5= Blue

Channel 6= Green

Channel 7= Speed

- Luminous intensity:



2. DMX512 Address Setting

There are Two ways to set the fixture DMX start address:

A DMX address setting by dip-switches

B Remote DMX address setting by universal DMX controller

DMX address setting by dip-switches

Dip	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Value	1	2	4	8	16	32	64	128	256	No Function

1. Dip switches :

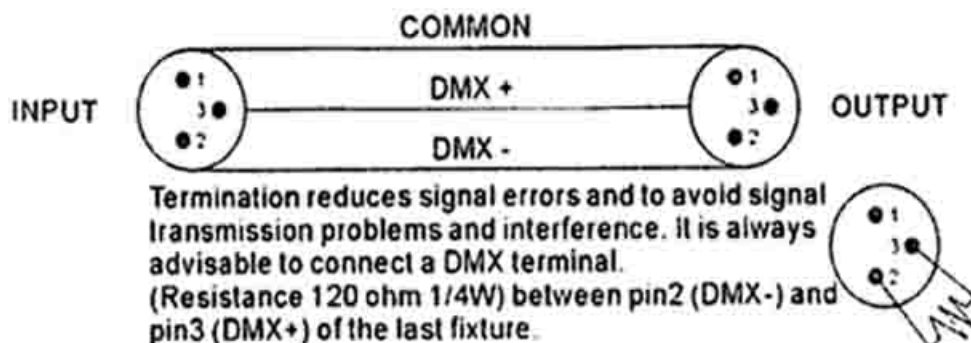
DIP/ON: 1. 2/3. 4/5. 6(=B/G/R/Dimmer)
 DIP/ON: 1. 2. 3. 4. 5. 6. 7. 8(=Strobe)
 DIP/ON: 9(=Sound Chase)
 DIP/ON: 9+1. 2. 3. 4. 5. 6. 7. 8(=BUTO+SPEED)

2. Address setting by :

no. 1 Taiwan: DIP/ON: #1. #10
 no. 2- : DIP/ON: #1. #5. #10
 no. 3- : DIP/ON: #1. #6. #10
 no. 4 : DIP/ON: #1. #5. #6. #10

3. DMX512 Connections

The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels



1. Connect the fixture together in a "daisy chain" by XLR plug cable from the output of the fixture to the input of the next fixture. The cable cannot be branched or split to a "Y" cable. Inadequate or damaged cables, soldered joints or corroded connectors can easily distort the signal and shut down the system.
2. The DMX output and input connectors are pass-through to maintain the DMX circuit when no power is connected to the fixture.
3. At last fixture, the DMX cable has to be terminated with a terminator to reduce signal errors. Solder a 120-ohm 1/4W resistor between pin 2 (DMX-) and pin 3 (DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.
4. Each lighting fixture needs to have an address set to receive the data sent by the controller, The address number is between 0-511 (usually 0 & 1 are equal to 1).
5. 3 pin XLR connectors are more popular than 5 pins XLR.
 3 pin XLR: pin 1: GND, Pin2: Negative signal (-), Pin 3: Positive signal (+)
 5 pin XLR: pin 1: GND, Pin2: Negative signal (-), Pin 3: Positive signal (+)

How to control the fixture.

CE RoHS

There are three ways to control this fixture using a Universal DMX controller.

Universal DMX Controller

The fixture can be set with the DMX address remotely via Universal DMX controller.

First you need to program two scenes into the chase, then link the fixtures to the universal DMX controller.

When you run the chase, all the fixtures in the chain will be set to the same DMX address automatically.

If you use a controller with a 5pin DMX connector, use a 5 to 3pin adapter. The fixture uses seven channels.

Refer to the following diagram below to use your controller to activate this unit.

DMX512 Configuration						
Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7
STROBE	DIMMER	CHASE	RED	GREEN	BLUE	SPEED
