Control Station Operation with Infrared Remote Control

1.Product Descriptions

We wish to express our gratitude for your purchasing our digital product AL-KP II. You now hold a premiere, hybrid and simple RGB fixture controller. Its compact and portable design is convenient to mount and easy to operate for users. Its key features consists of as the following:

☐ USITT DMX-512(1990) Multiplexed Digital Control
☐ Built-in 10 patterns to control up to 4 RGB fixtures
☐ Assignable fade setting in Auto mode
☐ Manually adjust RGB color saturation in manual mode
☐ Infrared remote control function
☐ With a Junction Box 1 as tension provider and DMX signal converter in the entire system
☐ RGB indicator on the panel to view on the output state in a real time
☐ US and EU versions optional

AL-KP II kit

2.Control Panel View

RGB button(1~3):
Used to adjust the desired color.(Press the "Color 1" button to select Red, the "Color 2" button to select Green, and the "Color 3" button to select Blue).

Up/Down button:
Used to change color saturation in Manual mode; to change fade time level in Auto mode.

AP button:
Used to select built-in patters. And each tapping will activate one pattern.

OFF button:
Used to turn off the RGB fixtures.

RGB indicator:
Used to indicate the current output color of RGB fixture.

Infrared Sensor:
To receive infrared remote control signs from Infrared Remote.

RJ45 Interface:
To link with the Junction Box 1 via C-LAN cable for getting the tension and DMX output.

3.Infrared Remote

1)Some preset fade time levels in AL-KP II are available, consisting of 1s, 2s, 4s, 8s, 16s, 32s, 64s,128s, 256s,512s.
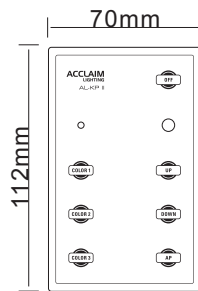
In Auto mode, each tapping the "Down" button represents a binary value and increase in sequence, each tapping the "Up" button represents a binary value and decrease in sequence.

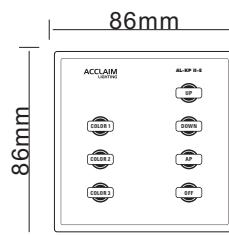*2)Additionally, users can use the Infrared Remote to operate your AL-KP II.*

4.Technical Specifications

- ☐ Power Requirement   Junction Box 1(black or white for option)
- ☐ Connection   RJ45 interface
- ☐ Ingress Protection Rating   IP20
- ☐ Control Protocol   DMX-512 (1990)
- ☐ Listing   CE certified
- ☐ Operation temperature   -10 degC to +50 degC
- ☐ Dimensions   US:112(L) x 70(W) x 45(H)mm

                                     EU: 86(L) x 86(W) x 45(H)mm
- ☐ Weights   Approx. 700g(Full Packing)
- ☐ Packing   1 AL-KP II, 1 Junction Box 1,1 Remote Controller & 1 User Manual
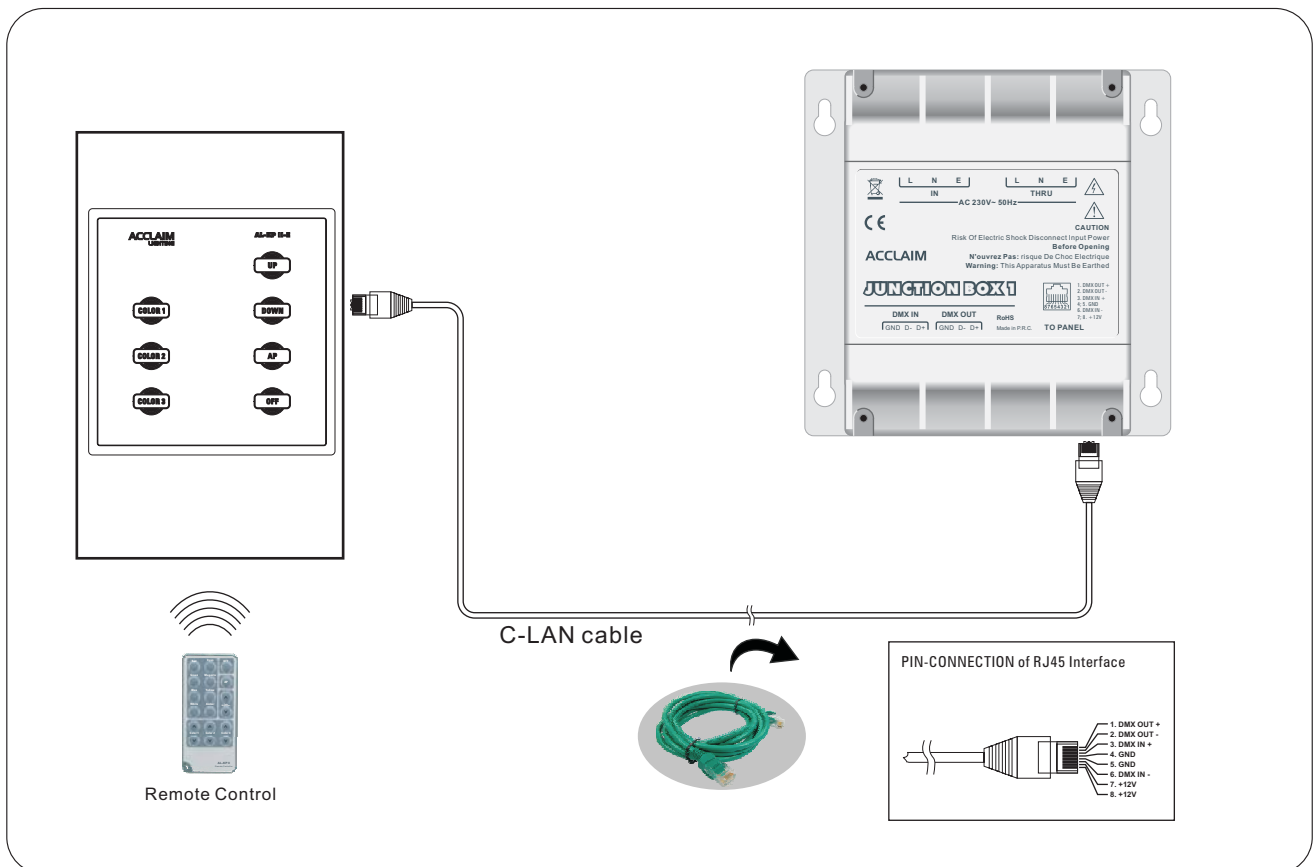
5.Physical Dimensions

US version   EU version

6.System Connection Diagram

NOTE:
Effective distance from the infrared sensor of AL-KP II to Infrared Remote shall be limited within the range of 10m.
Otherwise, it results out of control.