High Volt DC100~240V LED Strip RF Controller

09.009HP.04721

FC CE ♻RoHS COMPLIANT UL TÜV

Important: Read All Instructions Prior to Installation

Function introduction

1 CH DC 100-240V output

D+
D- } DMX signal output
GND

Common Anode Output(+)
CH1: R- output
CH2: G- output
CH3: B- output

DMX OUTPUT
White :D+
Green :D-
Black :GND

AC RF Controller

DC 100-240V LED OUTPUT
Brown :V+
Black :R-
Yellow+Green :G-
Blue :B-

Learning Key

Learning Key:
Paring with RF remote

AC 100-240V power input

Product Data

Input Voltage	Output Voltage	Output Current	Max Load	Size(LxWxH)
AC 100-240V	DC 100-240V	Max 3x1.66A	500W@110V 1000W@240V	180.5x73.6x38mm

• Safe and reliable full isolation design

• with "Learning Key"to pair with RF remote controls, compatible with multiple remote controls.

• Output for high voltage DC100~240V LED Strip (RGB or Mono)

• With additional standard DMX512 signal output, can be used as DMX master.

• Waterproof IP grade:IP67

• Radio Frequency:869.5/916.5/434mhz

Safety & Warnings

• DO NOT install with power applied to device.
• This device is IP67 rating and protected against damp environment.

Operation

Do wiring according to connection diagram.

Pair RF Receiver with RF remote:

1. Connect and wire up the RF receiver correctly, power on.

2. Turn on the remote, click the **"Learning Key"** button on receiver, immediately click a zone number to pair the receiver to the specified zone if the remote is a multi-zone controller (if it is a single zone remote, this step is unnecessary), then touch the color wheel or slider bar on the remote (if the remote does not have color wheel or slider bar, click or touch any keys), the connected led light on receiver flickers twice, which means well paired.

Note: one receiver can be paired with max 8 remote controls.

Delete the pairing:

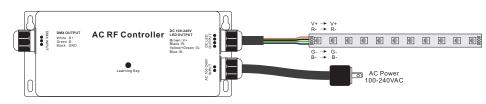1. Wire up the RF receiver correctly, power on.

2. Hold down the **" Learning Key"** button on receiver for over 3 seconds until the connected led light on receiver flickers twice, which means well deleted.

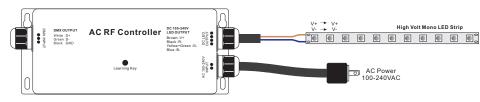**If control with DMX512 decoder, Set DMX512 Decoders address:**

This controller has 1 line of standard DMX signal output, to connect DMX512 decoders in parallel (any standard DC or AC DMX decoders). Please set all the connected DMX decoders to be addresses 001 only. It can realize perfect sync.
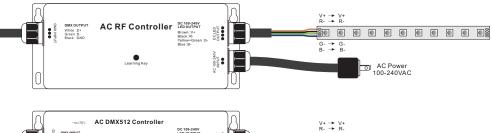
Wiring Diagram
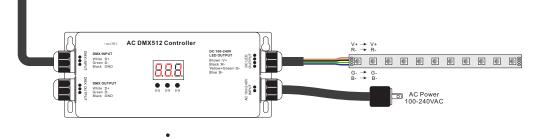
RF:with RGB color LED light

RF:with single color LED light

RF+DMX:

If you use multiple receivers, you have two choices:
Option 1: have all the receivers in the same zone, like zone 1

Zone 1

RF remote

Option 2: have each receiver in a different zone, like zone 1, 2, 3 or 4

RF remote

Zone 1   Zone 2   Zone 3