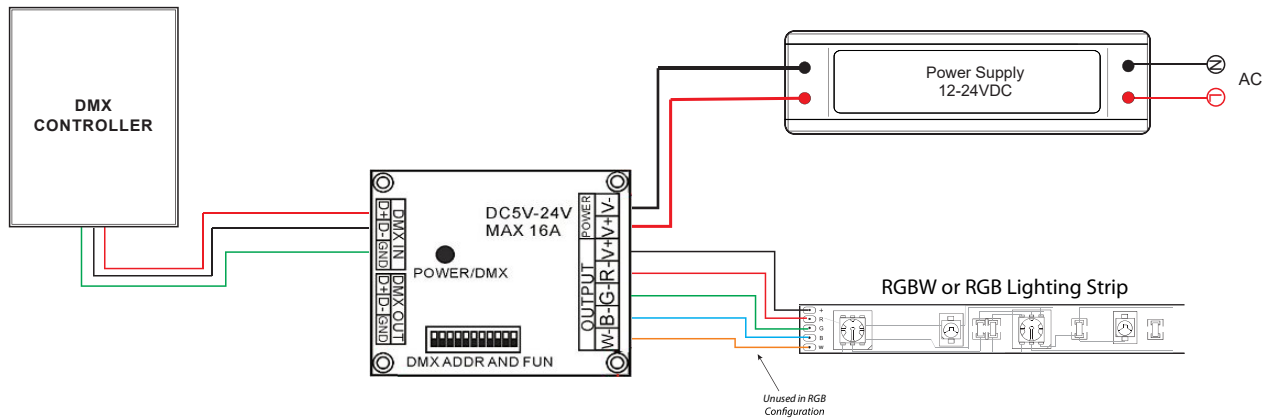# DMX-24506

SETUP INSTRUCTIONS

1 Connect power supply, DMX signal, and LED lighting strip(s) to the DMX512 decoder as shown below:

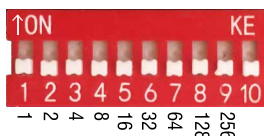**2** Once all connections have been made, set decoder to desired DMX start address:

a) Scan QR code for a time-saving online conversion tool.

http://www.sabretechnology.co.uk/calc.asp
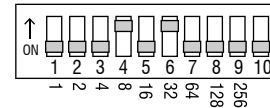
b) Manual Instructions:

Use DIP Switch to select adress. To set DMX address, first look at the sideways numbers printed below switching board (1, 2, 4,... 256); These are DMX adresses. To achieve desired address, add up these values then flip corresponding switches to "on" position.

For example, desired DMX address is 40. The value of switch 6 (DMX address 32) + the value of switch 4 (DMX address 8) = DMX value 40. Therefore, move switch 6 and 4 to the "on" position (see example below).

3 Refer to setup instructions of system's DMX controller for completion of setup.

Note: Multiple decoders set to the same DMX address will function in unison.
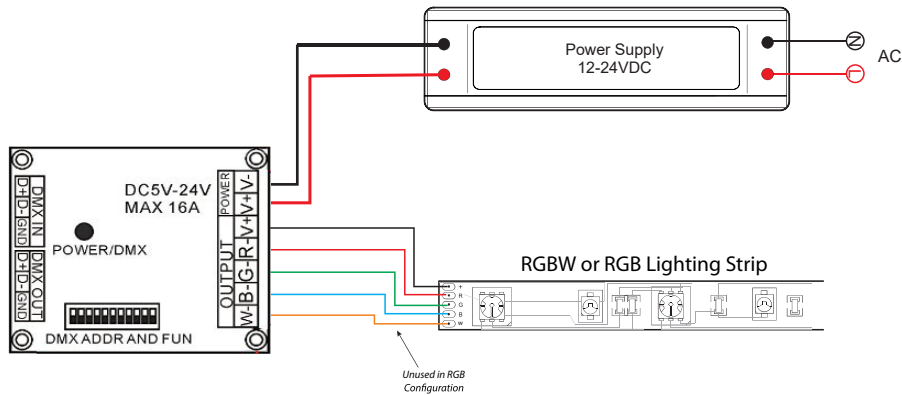
Note: The DMX-24506 decoder complies to standard DMX512 protocol and is compatible with any third party standard DMX512 controller.
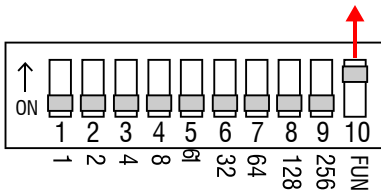
① Ensure decoder is connected to power supply and RGBW or RGB Lighting strip as shown below:

Power Supply
12-24VDC

AC

DC5V-24V
MAX 16A

POWER/DMX

DMX IN
DMX OUT
DMX ADDR AND FUN

OUTPUT POWER
W-B-G-R-A+V+V-

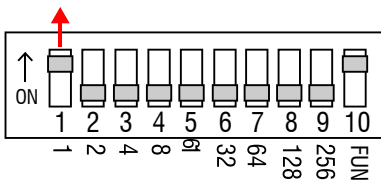RGBW or RGB Lighting Strip

Unused in RGB Configuration

---

② Using a small screwdriver, flip FUN switch located on the dip switch board to the "ON" position.
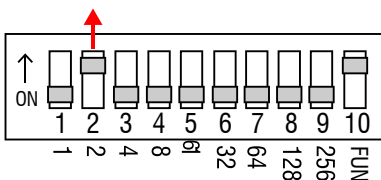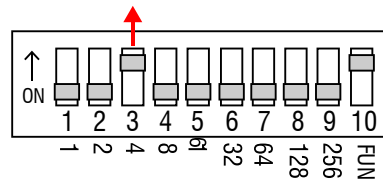

③ Follow instructions below to test various color modes:

a) To test red, flip switch 1 to the "ON" position.

b) To test green, flip switch 2 to the "ON" position.

c) To test blue, flip switch 3 to the "ON" position.

d) To test white, flip switch 7 to the "ON" position.