

NON-WATERPROOF RGB+W AMPLIFIER - 4 CHANNELS

AMPLIFIERS FOR LEDS

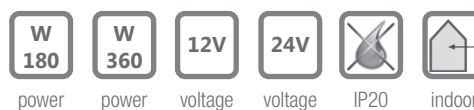
Ref: 41.022

12V - 24V

Non-waterproof RGB + W amplifier (6A x channel) with a maximum output of 15A.

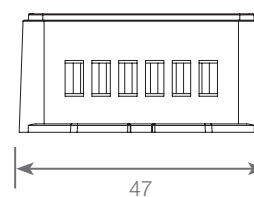
It must feed from the power supply (entrance channel: +/-).

We can install as many amplifiers as we need, connecting them to each other and to their corresponding power supplies. This product is for indoor use.



Power (W)	180W (12V)
Power (W)	360W (24V)
Amps	15A
Exit	6A x channel
Degree of protection	IP20
Measurements	119x47x23mm
Fixing	screw
Apt to	indoor
Working temperature	-20°C / +45°C
Packaging	1 unit
Guarantee	2 years

Approved by: 



BARCELONA
C/ Carles Buigues, 13
08420 Canovelles
Info@luznegra.net
Tel: +34 938 402 598

MADRID
C/ Adaptación, 27
28906 Getafe
centro@luznegra.net
Tel: +34 916 416 081

PARIS
113 Avenue Joffre
77450 Esbly
france@luznegra.net
Tel: +33 (0) 160 426 585

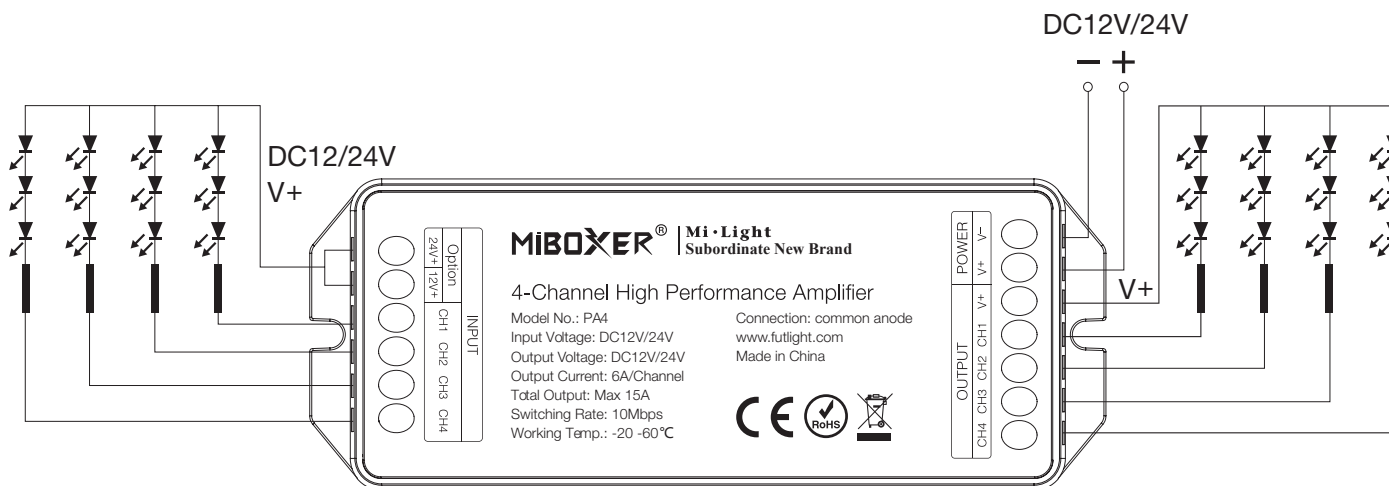
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Instructions:

21.022 is a newly updated high performance 4-channel signal amplifier. Adopt high speed optical coupler with 10Mbps output rate; it can output the signal of main controller completely and synchronously. This products work on all PWM series led controllers in market; Made from the big current MOSFET to assure the high rate output. Everytime you add one more amplifier, you can connect twice as many as leds. Theoretically, it can connect countless amplifier, input and output is with optoelectronic isolation. Working with main controller can satisfy the application requiring large power, wide range and synchronization area.

Diagram:



Installation diagram 41.022 “4 channels” with amplifiers

For large installations we must install amplifiers ref: 41.022, in this way we will avoid loss of light.

The power supplies must always be higher than the consumption we have, leaving a margin of safety (15-20% recommended).

It is recommended to use thermal transmitting adhesive tape ref: 42.03 or an aluminum base to favor the heat dissipation of the flexible led strip.

Watertight strips must be placed on the end cables to prevent moisture from penetrating and possible installation failures.

