



INTERFACE CONVERTER

AC0-3



This tiny pixel controller is suited to drive high power LEDs in constant current mode. It can be supplied with up to 48V and drive up to 12 LEDs in series. What makes the AC1 special is its integrated RF module that allows control out of the distance with Astera's RF Remote Control. Several AC1 can replay programs synchronously. Additionally, the AC1 is equipped with a DMX output.

TECHNICAL SPECIFICATION

Input Voltage: 12V to 48V

Available Outputs: Constant current output (350/700mA, 550mA/1000mA on request)
The current is preset during manufacturing

LED Count:

Input Voltage	LEDs in series
12V	1-3 LEDs
24V	1-6 LEDs
48V	3-12 LEDs

Channels: AC1-1x4: 4 channels (RGBW)
AC1-4x4: 16 channels (4xRGBW or 5xRGB)

DMX: DMX over RJ45

Wireless Module: Integrated RF module

Wireless Range: 868MHz receiver with up to 300m range (US version: 902-928MHz up to 330yd)

Ambient Temperature: -5°C to 50°C

Relative Humidity: 0-95%

Unit Size: L150mm x W40mm x H28mm (L5.9" x H1.6" x W1.1")

Weight: 82g (0.18lb)

Casting Material: Plastic

COMPATIBLE WITH



ARC2



ART3