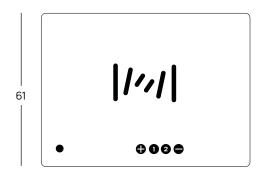
ProtoPixel Duo LED Controller



Overview

The ProtoPixel Duo is a pixel LED controller with an integrated micro SD card reader, capable of controlling the most popular IC's through ethernet or wi-fi.

Duo can control up to 1200 RGB pixels or 900 RGBW pixels and can be used in three ways:

- → as a standalone controller, where sequences recorded in ProtoPixel Create can be played using an intuitive web app.
- → as a streaming controller, when used through ProtoPixel Create or ProtoPixel Node setup.
- → as an art-net controller via wi-fi from a third party application.

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Dimensions

Width	88 mm
Depth	61 mm
Height	33 mm
Weight	90 gr

Electronics (Power)

Input Voltage	5 - 24 VDC
Power Consumption	idle: 90mA@5\ working conditions 250mA@5\
Power Supply	None

Supported LED ICs

WS2811, WS2812, WS2812B, WS2813, WS2815, Neopixel, SK6812, GW6205, UCS1903, UCS1903B, UCS2904 and CS8812 protocol families.

Control

No. of Pixels per Outlet	RGB: up to 1200 pixels at 27FPS RGBW: up to 900 pixels at 27FPS
Framerate	min: 27 FPS (using max. Pixels per Outlet) max: > 500 FPS (using 1 Pixel per Outlet)

Communications

Ethernet	Yes
Wi-Fi	Yes
Memory Card	Micro SD (Max. 23GB)
Configuration	Configuration WebApp o ProtoPixel Create

Shell

Material	ABS	
Finish	Glossy Black	

Protection

Isolation	N/A
IPX	IP30

Indicators

1 LED RGB	LED light changes to multiple colors according to function
Finish	Black

Wiring

Data outlets	1 Pluggable terminal block (4 Ways—Black) The block contains (left to right): positive pin, output 1, output 2, and negative pin

Mounting Wall-Mount optional

Enviromental Oth

Operating	-10°C to 40°C	Country of (
Temperature		Warranty

Spain
3 years