

deskontroller LITE – datasheet



Art-Net Pixel Controller for LED pixels and digital LED strips

LED types supported

APA102, DotStar, APA106(F8)(F5), APA109, CS8812

Custom (8 Bits/color), Custom (8 Bits/color) Rev. Pol.,

D705, D707, D708, DM412, DM413

GE8812, GE8822, GS8206, GS8208, HD107S

INK1002(B), INK1003

LC8805B, LC8808B, LC8812(B), LC8822, LC8823, LD1510 - 12 Bits, LD1510 - 8 Bits

LPD1101, LPD1882, LPD1886, LPD6803, LPD6813, LPD8803, LPD8806

P9813, P9816, P9823(F8)(F5), P9883

PD9823, PL9823, SC6803

SK6805, SK6812, SK6818, SK9822

SM16703, SM16704, SM16711, SM16716, SM16726, SM16726

TM1803, TM1804, TM1809, TM1812, TM1814, TM1825, TM1826, TM1829, TM1903, TM1913, TM1914, TM1925, TM1926

UCS1903, UCS1904, UCS2903, UCS2904, UCS2909, UCS2912, UCS3903, UCS512 High speed, UCS512 Low speed,

UCS5903, UCS6909, UCS6912, UCS7009, UCS8903, UCS9812

WS2801, WS2803, WS2811, WS2812, NeoPixel, WS2812B, WS2812C, WS2812D(F5), WS2812S,

WS2813(A)(B)(C)(D), WS2814, WS2815, WS2818, WS2821 High speed, WS2821 Low speed, WS2822 High speed,

WS2822 Low speed, WS2851

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Safety information & Maintenance

- Be sure that the local power outlet matches that of the required voltage of the power supply included with this device.
- To reduce the risk of fire or electrical shock, do not expose the unit to rain or high levels of moisture.
- Do not spill water or other liquids into or on your unit.
- Do not open the unit as there are no user serviceable parts inside.
- Do not dismantle or modify the unit, as this voids all warranties.
- Do not attempt repairs. Repairs by unqualified people could cause damage or faulty operation.
- Unplug this unit when not used for long periods of time.
- Clean only with dry cloth.
- Handle this unit carefully. Any strong shock or vibration may result in malfunction.

Features

- Integrated SPI Controller Art-Net for led pixels and digital LED strips.
- 16 outputs, 8x RJ45 connector (each RJ45 have two outputs A-B).
- Up to 50 fps (framerate) 20 mS.
- Configuration through web browser (Accessing the deskontroller's IP).
- Allows the gamma correction setting.
- Simple color, RGB and RGBW color order.
- Configuration Art-Net NET and Subnet by steps 4 universes.
- Data turbo mode (increases led strip data speed up to 50%).
- Custom mode (To manually configure strip times T0H, T1H).
- Configurable number of universes by output.
- Test of individual outputs and pixel by pixel (easier to test led installations).
- Test effects to work stand alone to check installations.
- Art-Net discover (To detect and configure devices in the Art-Net network).
- Art-Net Rx quality (To check the Art-Net signal quality).
- Support synchronization mode.
- Electronics manufactured in Europe under ISO9001

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Specifications:

Input Voltage	7,5 VDC
Input Frequency	47 - 63Hz
Power Consumption	10W
Case	Anodized aluminum
Unit Weight	300 g
Shipped Weight	800 gr.
Dimensions:	120 x 85 x 46 mm – 4,72 x 3,34 x 1,81 inch. (LxWxH)
Shipped Dimensions	200 x 210 x 60 mm – 7,87 x 8,27 x 2,36 inch. (LxWxH)
Temperature Range	-10 °C to 60 °C - 14 °F to 140 °F
Relative Humidity	5% - 95% noncondensing
Certification	CE, ROHS, FCC
Connectors input	1x RJ45 ArtNet Ethernet 10, 100 Mbit/s, 7,5v VDC
Connectors outputs	8x RJ45 UTP cable to Adapters (Included)
Network Protocols	Art-Net I, Art-Net II, Art-Net III, Art-Net IV

This symbol on the product or in its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling this product, please contact your local city office, your household waste disposal service .



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MADE IN EUROPE - TWO YEARS WARRANTY