

DMX-ART

DMX Signal Analyzer

- High precision CNC machined aluminum shell, elegant and durable.
- TFT + Touching Screen, flexible and efficient touch controls make DMX into visual age.
- The industry's first DMX signal analyzer, accurate measurement of various DMX parameters.
- Comes with wireless controller and wireless DMX monitoring function.
- Built-in high energy lithium battery, working long hours to meet your needs.
- Compatible with LC-512 Series (The wireless transceiver from our company)



Overview

DMX-ART is a kind of signal analysis, testing and controlling equipment, which sets wireless DMX transmitter & Receiver, Wired & Wireless controller and DMX Signal Analysis and other more functions all in one. It is the DMX512 Expert around you.

Integrates 3.5 inch HVGA display TFT and touch screen

It displays clearly, delicately and colorfully. All measured parameters and controller's data are apparent to the eyes. Perfect DMX touch controller will bring you unprecedented convenience and pleasure.

Accurately measure DMX512

DMX-ART can accurately measure the signal of Break time, MAB time, Number of channels, and refresh rate. It help you get rid of oscilloscope and step into a visual age.

Built-in high-energy lithium-ion battery

DMX-ART has built-in Li battery with high energy and capacity. It can work lastly without power adapter. What's more, it is also a wireless transceiver with signal analysis displaying, which makes your wiring work more simple.

Application

DMX signal analyzer (wireless transmitter)

DMX-ART can accurately measure various parameters of the console, including Break, MAB, number of channels, refresh rate and other parameters. All DMX data visualization. while it act as a wireless dmx transmitter, compatible with LC-512X.



Wireless signal analyzer (wireless receiver)

DMX-ART can be used as a wireless DMX signal analyzer, through its high resolution TFT screen, you can clearly understand the operating frequency of the wireless network, clearly see the wireless network frequency agile process. DMX real-time monitoring of various parameters and data. a machine in hand, don't worry wireless.



DMX512 Wired/Wireless touch controller

DMX-ART can be used as an accurate DMX signal generator via a touch screen adjustments include break, MAB, number of channels, refresh rate and other DMX parameters, it can be used as a simple console. it can also be used for DMX512 debugging.



Specifications

Form Factor

Type: CNC molding aluminum shell

Size: : 115 x 68x 33 mm

Weight: 250 g

System Information

CPU: 32-bit ARM Core

Display

Material: TFT

Dimensions: 3.5"

Resolution: HVGA (480X320)

Radio Parameters

Range: 600 meters (line-of-sight)

Frequency: 2.402 - 2.480GHz, ISM, 79 channels

Spread Spectrum: FHSS, 1100 hops / sec

Modulation: GFSK

Maximum Transmit Power: 23dBm

Receiver Sensitivity: -94dBm

DMX Signal Interface

3-pin, 5-pin male XLR

3-pin, 5-pin female XLR

Environmental Limits

Operating Temperature: 0 ~ 70°C

Storage Temperature: -40 ~ 85°C

Ambient Relative Humidity: 5 to 95% (non-condensing)

Power Requirements

Power Input: DC 5V, \pm 5%

Built-in Battery: 1800mAh lithium-ion battery, automatic charge

Power consumption: 90 mA@5V DC max.

Reliability

Automatic Reboot Trigger: Built-in WDT (watchdog timer)

Warranty

Warranty: One-Year Limited Warranty