

CLUB PoE 1024

Standalone lighting playback controller

Ideal for all users, experienced lighting professionals and demanding projects, the CLUB PoE 1024 is the enhanced versions of the previous CLUB-E and PRONET-E interfaces. Both support Power over Ethernet (PoE modes A and B), for power and data through a single RJ45 cable.

The interface can be used as a Live PC or stand alone DMX controller or as a NODE Art-Net to DMX converter in lighting projects.

Power over Ethernet (PoE A & B), 9-48 V DC input and its USB-C cover the best power and network flexibility.

Bundled free software: PRO DMX 2, PIXXEM and STUDIO DMX, Windows, macOS, Linux & Raspberry Pi.

It decodes Art-Net 4 and sACN to DMX instantly and the other way around with just one 2 DMX-RDM universes device.



CLUB PoE 1024

KEY FEATURES

Ethernet PoE / LAN / WLAN	Easy and fast 10-100 Mbps communication anywhere on LAN with DHCP or static IP. Supports PoE A & B
Live PC, Stand-Alone & Timeline	Live or standalone. Records and playback DMX or Art-Net. Timeline 30 min (CLUB PoE), 24 H + FULL
Compatible RDM-DMX	2 DMX In/Out of 512 channels. Bi-directional with all RDM-DMX compatible equipment
Triple-Power	By USB-C, DC input or PoE (mode A + B), flexible power options for installations
Art-Net 4, sACN to DMX	Art-Net 4 / sACN-to-DMX decoding, conversion and node functionality in a single device
International warranty	5 year international warranty. One mounting strap included. 3 or 5 pins XLR
Compatible equipment	- All DMX512 fixtures: LED PARs, bars, strobes, moving heads, dimmers - Any Art-Net 4 or sACN source: software, lighting desk, media server in NODE mode

SAFETY INSTRUCTIONS

Intended use	This device is intended solely for controlling lighting fixtures and effects via compatible software or hardware triggers. Any other use may result in personal injury or property damage. Chromateq accepts no liability for damage resulting from improper use.
Do not use in	Direct sunlight, Extreme temperature or humidity conditions, Dusty or wet environments, Areas near strong magnetic fields, Any situation where the unit is or may become damaged
General handling	Never use force when installing connectors. Do not immerse in water. Clean only with a dry cloth, do not use solvents, benzene, thinners or flammable cleaning agents.
Electrical safety	Verify supply voltage before connection (5 V USB-C, 9-48 V DC or PoE). Ensure proper strain relief on all wiring. Do not exceed maximum current ratings listed in specifications.
Children	Keep packaging materials out of reach of children, choking hazard. Small components may detach; ensure children cannot access them.
Disclaimer	Read all documentation before use. Retain this guide for future reference. If transferring the product to a third party, include this document.

Technical information

PC: Personal Computer (Live)

SA: Stand Alone (no computer use)

Interface, Output, Input (PC + SA)

DMX output	2 x 512 DMX-RDM (2 U)
RDM	Yes, via DMX port + software (PC)
DMX In	2 x 512 DMX-RDM (2 U)
Connector	XLR 2 x 3 pins (5 pins available)
Ethernet	100BASE-TX, IEEE 802.3af/at, PoE A & B, LAN
USB-C	USB-C power compliant
Button	1, next scene / mode selection (1 s)
Memory	64 Mb
Max devices	10 via USB (20 U), 128 via Ethernet
Supported data	USB, Ethernet, Art-Net, sACN, DMX, RDM

Stand Alone

Step capacity	20,000 steps DMX or Art-Net
Scene played	5 scenes
Max scene number	512 max
DMX Out	2 x 512 (2U)
DMX In	2 x 512 (2U)
Auto Startup	Play default scenes when power on
Scene recovery	Resume last scenes after a power cut

Triggering & 3rd Part Connectivity

DMX In	512 channel, triggers / merge
Trigger source	DMX In, UDP Ethernet, Art-Net / sACN
Button, short press	Play next scene
Button, long press	1 s. for operating mode selection
Wi-Light APP / API	Yes (LAN)
UDP protocol	Ethernet triggers and commands (SDK)
Art-Net / sACN	512 channel, triggers / merge

NODE Mode (Art-Net / sACN)

DMX out	2 x 512 per interface
Protocols	Art-Net 4, sACN
Network	UDP, Broadcast, Unicast, Multicast
IP addressing	DHCP by default, or Static IP
Merge modes	HTP, LTP, LowTP
Timeout modes	Freeze DMX, Blackout DMX, No DMX
Universe choice	Per output, from 1 to 32767
Node identity	Short Name, Long Name, SubNet, Universe
Max devices	512 Broadcast, 3,072 Unicast

Protocols & Communication

DMX 512 / RDM	USITT E1.11-2008. All DMX512 / RDM devices
Art-Net 4 / sACN	In / Out, see Upgrade & Live (PC)
RDM Art-Net / sACN	Via software and Upgrades
UDP (SA)	Triggers & commands via Ethernet devices
UDP (PC)	Via Pro DMX 2 or Pixxem software
SPI	Via CLUB SPI or DMX SPI
DALI	Via CLUB DALI
RS232	Via RS232 port (PC + SA)
SMPTE	Need FULL upgrade, via software (PC)
MIDI / MTC	Devices (PC), Time Clock (need FULL upgrade)
Wi-Light APP	Via software (PC) or Ethernet devices
Calendar / Clock / Time	Via software, FULL
Audio BEAT & BPM	Via software (PC)
Keyboard / Hyperlinks	Via software (PC)
DMX split & boost	Via SPLIT RDM

Software, APP & OS

PRO DMX 2	Free, live lighting control & stand alone
PIXXEM	Free, Pixel-mapping, DVI capture, video
STUDIO DMX	Free, real time 3D viewer
Wi-Light	Free, iOS & Android, LAN commands
Windows	Windows 10 / 11 (32 & 64-bit)
Mac OS	macOS 10.14 and latest
Linux	Ubuntu, Debian
Raspberry	Raspberry Pi OS
Web browser, UDP	Device setting by IP, serial or name.local
USB drivers	For Intel, AMD, Qualcomm cpu
DeviceTool	Setting, firmware, upgrade

Specifications

Power input	5 V USB-C (0.3 A), 9-48 V DC, PoE
Power consumption	1.3 W
Ethernet	100BASE-TX, IEEE 802.3af/at. Class 0-3
Dimensions	90 x 80 x 45 mm (3.54 x 3.15 x 1.77 in)
Net / Gross weight	0.19 / 0.25 kg (0.42 / 0.65 lbs)
Housing	Aluminium, IP40
Operating temperature	-40 °C to +85 °C

Upgrade & Live (PC)

Upgrade on site	Yes, FULL and UxU via Devicetool
Multiple device	Up to 10 devices via USB
Art-Net / sACN Out	Up to 64 U. (Pro DMX 2), 512 U. (Pixxem)
Art-Net / sACN In	Up to 16 U. (PC)
DVI resolution	Up to 1920 x 1080 via PIXXEM
Timeline	Up to 24H, need FULL Upgrade

Warranty & Certifications

International warranty	5 years
Certifications	CE, FCC, RoHS, UKCA
HS customs code	8537.10.91
HTS/TARIC/UKGT/CN	8537.10.91

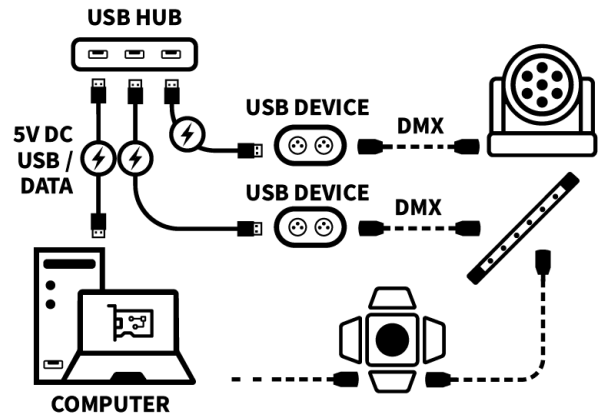
Tools and Accessories

Mounting strap	x1 Included, Velcro, 40 cm
DIN mounting	Via DIN rail mounting unit
Power supply	Not included
Infrared remote	Not included
DMX cable	Not included
USB cable	x1 included

Operating Modes

* LIVE MODE

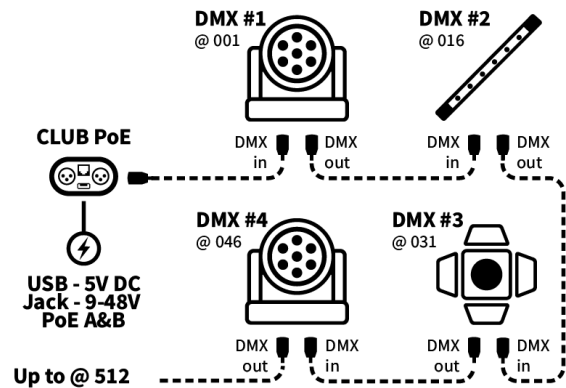
1. Download and install the latest software and USB drivers
2. Connect the CLUB PoE to the computer via the included USB-C cable, or to the network via RJ45 (require the IP configuration of the computer and LAN)
3. Start the software, the interface is detected automatically (LED fast blink)
4. Configure the software according to your DMX fixtures
5. Program scenes and sequences using the lighting control software
6. Play your show and scenes



Live mode wiring

* STAND-ALONE MODE

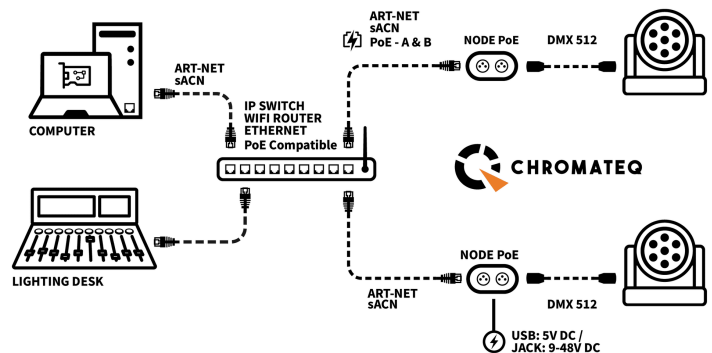
1. Program scenes in Live mode with the software
2. Save scenes to its internal memory
3. Close the software to test
4. Power the unit via USB-C (5V), DC jack (9-48V) or PoE
5. The default start scene plays automatically (LED slow blink)
6. Use the NEXT button, UDP or DMX In to select a scene to play



Stand-Alone mode wiring

* NODE MODE (Art-Net / sACN to DMX)

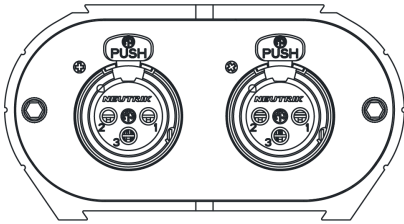
1. Connect the interface to the network via RJ45,
 2. Power it via PoE or external DC power
 3. Set the IP and Art-Net configuration with the software or the DEVICETOOL: DHCP by default, or Static IP (192.168.0.5 / 255.255.255.0)
 4. Art-Net: set the Short Name and the Long Name, then choose the DMX ports by setting the SubNet and the DMX Universe, and apply
 5. sACN: choose the DMX universes of each output, and apply
 6. Choose the NODE mode with the software or the DEVICETOOL
 7. Always restart the device after an IP or mode change: unplug it from the power supply
- Optional: Hold the button 1 s or more to select the NODE mode



NODE mode, Art-Net / sACN network

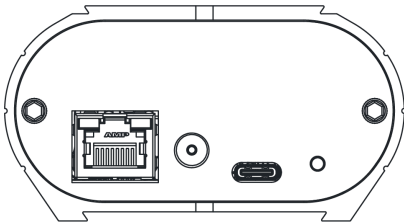
Connections

FRONT PANEL (DMX 1 & DMX 2)



XLR 1 & XLR 2, 3 pins	1. Ground 2. Data - 3. Data +
DMX ports	DMX 1 RDM and DMX 2 RDM, In or Out
Connector option	5 pins XLR available on request

REAR PANEL (ETHERNET, DC & USB)



RJ45 Ethernet	100 Mbps, PoE A & B
DC input	9-48 V DC jack
USB-C	Data + 5 V DC input (0.3 A)
Button	Short press: Next scene Long press 1 s or more: Mode selection

CONFIGURATION & NETWORK ACCESS

Configuration tools	Software options, DEVICETOOL, web browser or Wi-Light APP
Default IP mode	DHCP, the IP address is assigned automatically by the DHCP server
Static IP mode	The IP address is fixed by the user and does not change
Default IP address	192.168.0.5
Default subnet mask	255.255.255.0
Computer setting	Same IP address range (192.168.0.x) and same subnet mask (255.255.255.0) on the device and the computer
Web access by IP	http://192.168.0.5
Web access by serial number	http://02a000101.local, 02A is the firmware reference
Web access by generic name	http://mydmxdevice.local
After configuration	Always restart the device after an IP or mode change: unplug it from the power supply

STATUS LED STATES (G = Green, Y = Yellow)

Green OFF + Y OFF	Interface not connected or powered
Green ON + Yellow OFF	Powered, no stored scenes
Green flash x3	Bootloader preparation
Green / Yellow alternating ON	Bootloader mode
Green fast flash + Yellow OFF	Live mode, active USB communication
Green ON + Yellow flash	Live Ethernet mode, active Ethernet communication
Green slow flash + Yellow OFF	Stand-Alone mode, scenes stored, DMX output
Green slow flash + Yellow fast flash	Stand-Alone mode, scenes stored, Art-Net output
Green ON + Yellow flash	Web browser configuration
G ON + Yellow flash x2	Art-Net mode. Convert Art-Net to DMX
G solid + Yellow flash x3	sACN mode. Convert sACN to DMX
Green + Yellow fast flash	Blacklist

TECHNICAL SUPPORT & RESOURCES

Download Software: chromateq.com/dmx-software-downloads/

Technical Support and commercial: chromateq.com/contact/

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