SUNLITE-RC

sunlite

Sunlite Suite Rack-mounted DMX Controller

Overview

The SUNLITE-RC is the flagship DMX interface for Sunlite Suite 3 software. Designed to run the most advanced lighting and multimedia shows with software time triggers, multimedia (AUDIO and VIDEO) and Midi Time Code sync. Featuring 3072 DMX channels (expandable to 4096) on 6 XLR connectors and 20 ArtNet universes (10,240 channels) from your PC.

The Sunlite-RC metal chassis fits neatly into any 19" rack mount with 1U of space. As well as live performance, this interface can operate as a Stand Alone DMX controller with 5 zones and 99 scenes.

SUT (Smart Upgrade Technology) allows license upgrades to enable extra features to be enabled and compatibility with selected current and future Nicolaudie Group software.

Key Features

- 6x DMX512 universes in live mode (upgrade to 8)
- 1x DMX512 universes in stand alone (upgrade to 4)
- 20 Artnet Universes
- Sunlite Suite 3 FULL mode: Ability to play audio and video from a time line, time triggers and Midi Time Code (MTC) synchronisation
- Standalone mode with 99 scenes across 5 zones
- USB & Ethernet for programming/control
- microSD memory
- 16 dry contact trigger ports
- Clock and calendar triggering
- Phone/iPad/Android remote and programming apps
- DMX IN or OUT
- RDM compatible with RDM Manager app
- Smart Upgrade Technology (SUT) upgrades

Technical Data

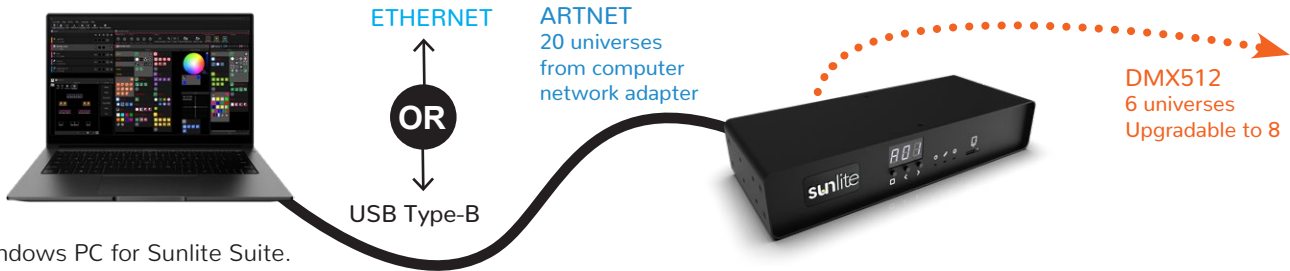|	
Input Power	5-5.5V DC 0.6A
Output Protocol	DMX512
Connections	Type B USB, XLR3, XLR5, Ethernet, 15EDGRH-2.5 20PIN, battery
TCP Connections	2
Memory	microSD SD & SDHC (32Gb Max, FAT/FAT32)
Environment	IP20. 0°C - 50°C
Buttons	2 buttons to change scene + 1 button to change zone
Dimensions	160x90x45mm 268g
OS Requirements	Sunlite Suite 2 & 3 require Windows 10/11 64bit. Other apps available for Mac OS X 10.13+
Standards	ETL, EC, EMC, ROHS

Optional Accessories

POWER1_EU/UK/US   5V ACDC power supply with EU/UK/US plug

	Sunlite Suite USB & Ethernet DMX Controller	Ref. SUNLITE-RC	Page 2
	Technical datasheet Revision date Oct 2023	www.cqiled.com	V 1.0

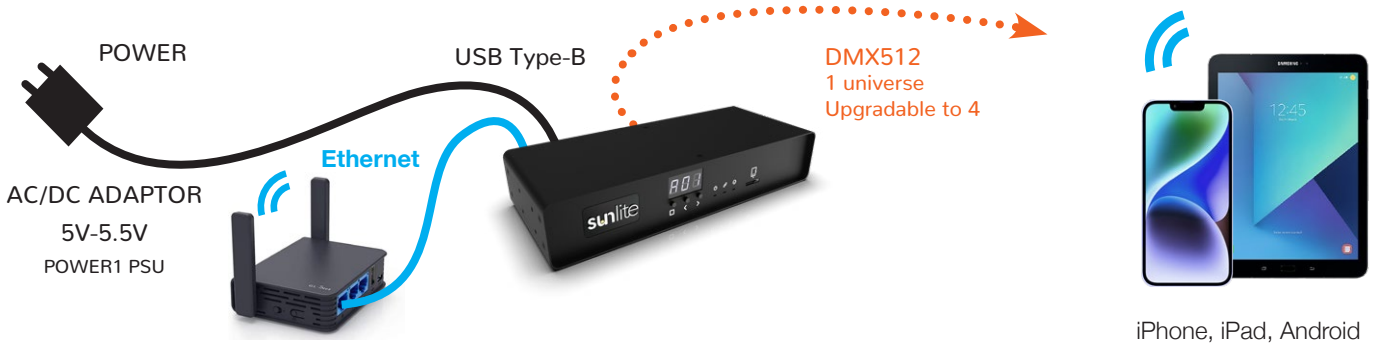**SIUDI** — SUNLITE INTELLIGENT USB DMX INTERFACE

CONNECTIVITY

Live use with a computer

When connected to software the controller will output DMX directly from the software and will display LI on the screen.

ETHERNET

ARTNET
20 universes
from computer
network adapter

OR

USB Type-B

DMX512
6 universes
Upgradable to 8

Windows PC for Sunlite Suite.
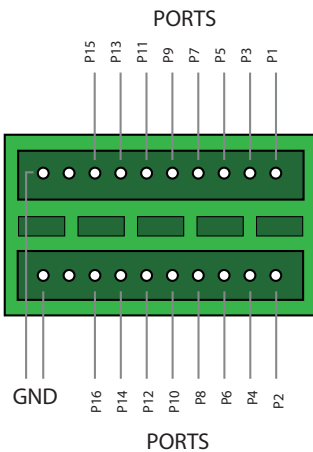Other apps available for MacOS

Stand Alone

The controller will start in Stand Alone Mode when powered on. It will look for a project stored on the microSD card and then begin playing scenes. A01 indicates Scene 1 from zone A is playing.
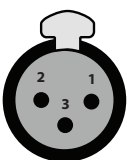
POWER

USB Type-B

Ethernet

DMX512
1 universe
Upgradable to 4

AC/DC ADAPTOR
5V-5.5V
POWER1 PSU

iPhone, iPad, Android

I/O Connections

15EDGRH-2.5 20PIN SOCKET
Manufactured by DEGSON

PORTS

P15 P13 P11 P9 P7 P5 P3 P1

GND   P16 P14 P12 P10 P8 P6 P4 P2

PORTS

FRONT

microSD CARD
(32Gb max, FAT32)

change page
A-E

next/prev
scene

LED indicators (left to right)
1 Power
2 Live connection active
3 DMX Activity

STANDALONE CONTROLS

DMX / XLR : Pin Out (Front view)

Pin numbers
1 DMX ground
2 DMX1 data-
3 DMX1 data+
4 DMX2 data-
5 DMX2 data+

BACK

Ethernet

USB-B

DMX
PORTS
4x XLR3
2x XLR5

15EDGRH-2.5-20P
connector
manufacturer DEGSON