SUSHI datasheet

(SUSHI-DS, SUSHI-RB, SUSHI-RJ)
Preliminary version, 13 Nov 2014
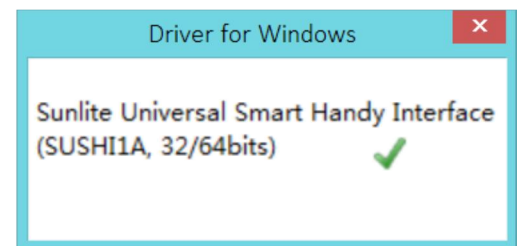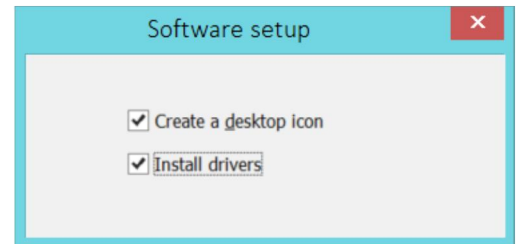
Sunlite Universal Smart Handy Interface

First instructions to use SUSHI

1) download software from our web site
    www.dmxsoft.com or www.arcolis.com

Software setup

☑ Create a desktop icon
☑ Install drivers

2) start software setup
   make sure to select "Install drivers"

3) with the USB cable, plug the SUSHI to the PC
   windows detects the interface

Driver for Windows

Sunlite Universal Smart Handy Interface
(SUSHI1A, 32/64bits) ✔

4) start the software, if the SUSHI is recognized
    a small windows appears

SUSHI

New SUSHI only $39
The world's most attractive DMX controller

www.dmxsoft.com

[OK]

Driver for Windows
USB driver is automatically installed during the software setup.
We advice to install the software before to plug the USB interface.

Software for Windows
Easy Stand Alone 1 + Daslight Virtual Controller 1 + Sunlite Suite 2004 + Lumidesk lite
(free download from www.dmxsoft.com or www.arcolis.com)

Important notes for Apple Mac users. Out of the package :
- SUSHI-DS and SUSHI-RB/RJ controllers do not include any Mac software.
- myDMX BUDDY controller includes a limited Mac version of myDMX 2.0 software. (No 3D visualizer,
  No Easy Remote or No Midi features)
Mac software versions will be available to purchase in early 2015. These will include yearly and monthly
software and support subscription packages.

Technical Data

Input Power: 5V DC 0.3A

Output Protocol: DMX (3 types of connector)

Output Connector: XLR 3pin (DS)   Block 3 pins (RB)   RJ45 8 pins (RJ)

Number of channels for live/pc use: 128 (expandable to 512, to purchase in early 2015)

Number of channels for stand alone use: 12 (expandable to 512, to purchase in early 2015)

Programmability: with PC/Windows (MAC in option, to purchase in early 2015)

Indicators: 2 (red/dmx + green/stand alone)

Button: 1 (access to next scene in stand alone mode)

I/O ports: 2 contact inputs (optional) with RJ version

Stand Alone Memory: 1266 steps with 12 channels / 8 scenes

DMX driver chipset: SP485ECP-L   MAX485CPA+   ADM485JNZ

Temperature: -10 °C + 45 °C

Dimensions: 75x20x17mm (DS)   63x26x28mm (RB)   55x26x28mm (RB)

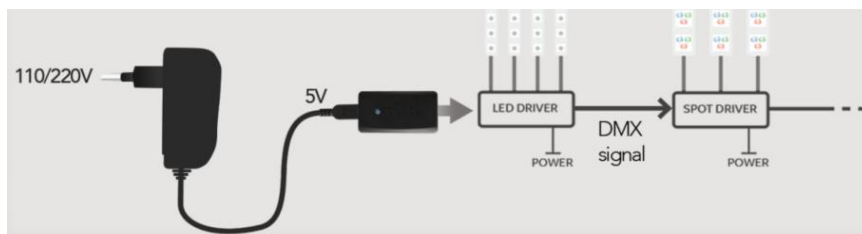**Weight:** 37g (DS)   22g (RB)   21g (RJ)

Warranty: 12 months, caution : opening the interface will avoid the warranty.

DMX output / 3 types of connector

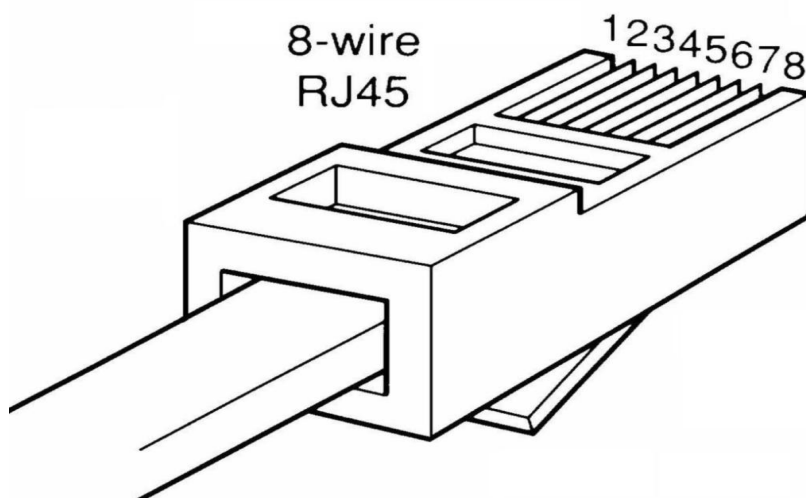**SUSHI-DS :**   XLR female 3 pins Connector   pin1 ground   pin2 data-   pin3 data+
SUSHI-RB :   SCREW Connector Block   pin1 ground   pin3 data-   pin2 data+
SUSHI-RJ :   RJ45 8 pins Connector   pin8 ground   pin2 data-   pin1 data+

Stand alone use / power

For stand alone use, the SUSHI
can be powered by a standard 5V
USB power
This optional power supply is
available for a cost of USD 15.
(available with EU, UK or US plug)

RJ45 connector (SUSHI-RJ)

8-wire
RJ45

1 2 3 4 5 6 7 8
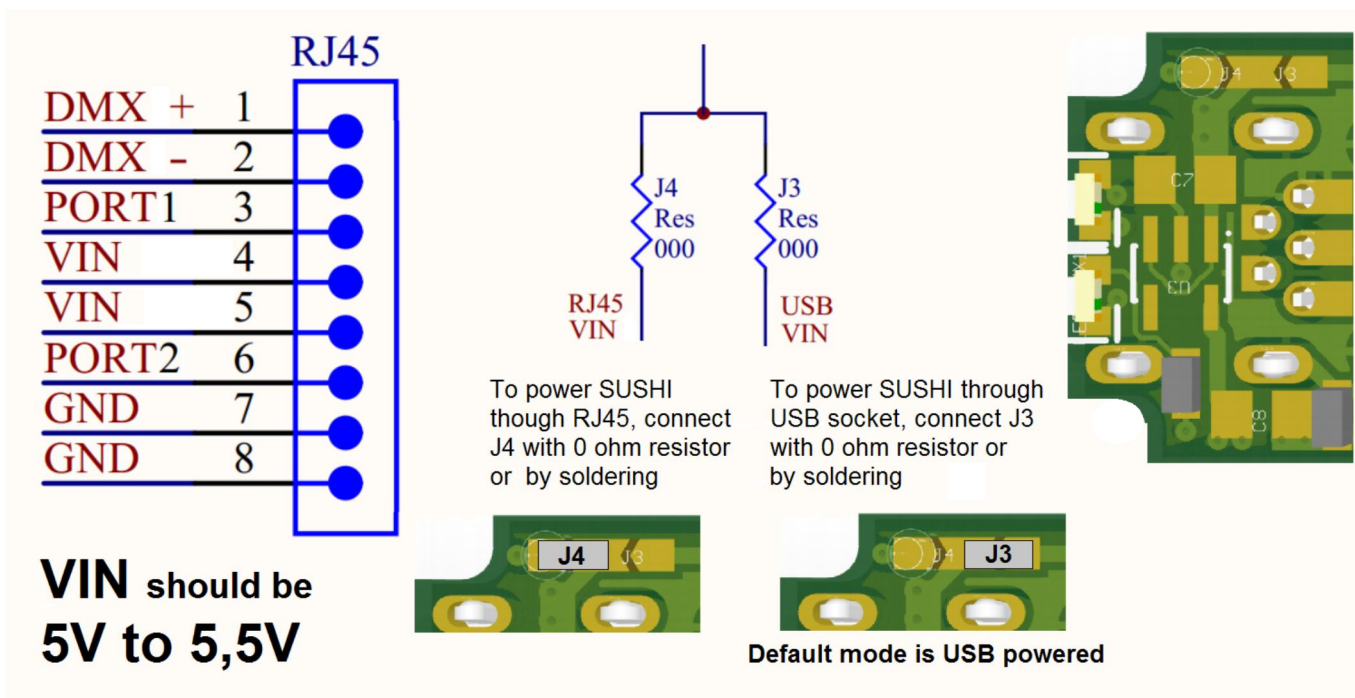
Use Pins 1,2,8 for DMX OUTPUT

1 = DMX+   2 = DMX-   8 = DMX GROUND

Other pins :   Reserved for electronic technicians !

5V Power input (4-5= VIN-5V   7=GROUND)
2 contacts inputs (3=Port1   6=Port2)

RJ45

DMX +   1
DMX -   2
PORT1   3
VIN   4
VIN   5
PORT2   6
GND   7
GND   8

J4
Res
000

J3
Res
000

RJ45
VIN

USB
VIN

To power SUSHI
though RJ45, connect
J4 with 0 ohm resistor
or by soldering

To power SUSHI through
USB socket, connect J3
with 0 ohm resistor or
by soldering

VIN should be
5V to 5,5V

J4

J3

Default mode is USB powered

How to use the 2 contacts inputs : make a contact between the Port (pin 3 or 6) and GND (pin 7 or 8)
Port triggering is not available by default (option). Contact us to know the price.