SPLIT RDM

DMX Splitter & Booster

DMX GND In
DMX- In
DMX+ In
V- In / GND
V+ In 7-24V DC

DMX2+ Out
DMX2- Out
DMX GND Out
DMX1+ Out
DMX1- Out
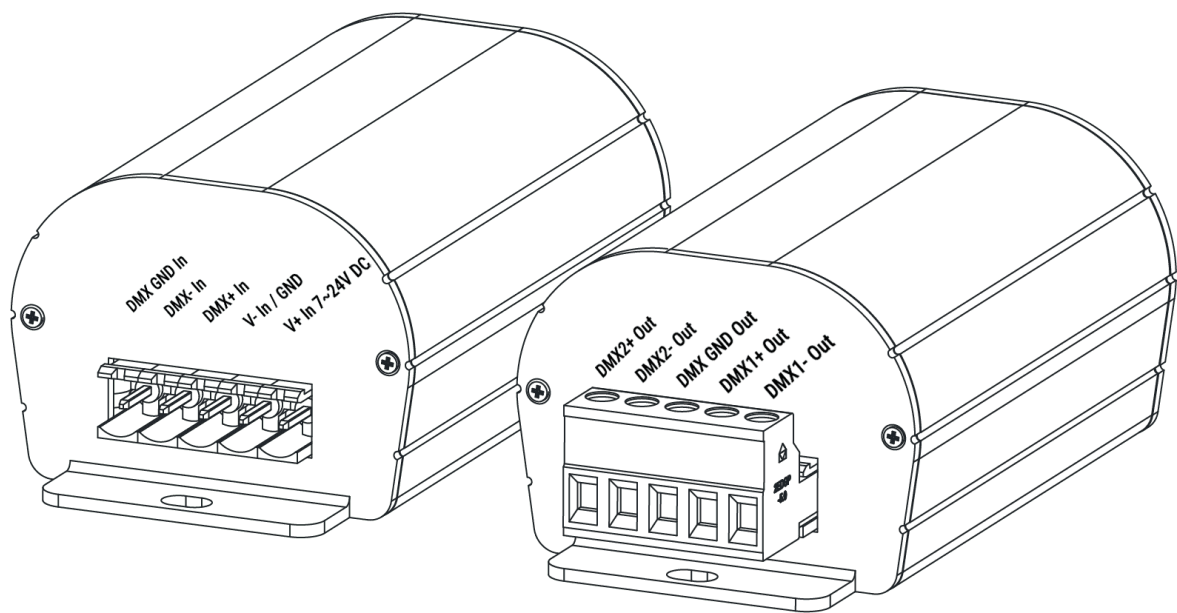
Datasheet & Quickstart Guide

Table of content

CHROMATEQ
Technical Manual & Quick Start Guide

Congratulations on your purchase of a CHROMATEQ controller.

Please read this manual carefully and thoroughly before using the SPLIT RDM Chromateq.

The information presented here provides a useful introduction to the wide range of features, settings and functions available in this compact and versatile SPLIT RDM.

The SPLIT RDM Technical Manual is written in English and French.
(Le manuel technique du SPLIT RDM est rédigé en anglais et en français.)

All products and software are developed and designed in France.

CHROMATEQ SARL
191 Allée de Lauzard 34980 St Gély du Fesc FRANCE VAT: FR18521458034 Siret: 52145803400027 Web & E-mail: www.chromateq.com Phone: +33 952210755 / +86 13422062209 Whatsapp: +8613422062209 Wechat: Chromateq QQ: 2908265661

Twitter: https://twitter.com/Chromateq
Facebook: https://www.facebook.com/ChromateqCompany/
YouTube: https://www.youtube.com/c/chromateq

- -

Package Contents
1x SPLIT RDM
1x 9V Power supply unit
1x Technical documentation

> Caution: Check the contents of the package and the condition of the interface after unpacking! Contact your supplier if something is missing or is damaged. Do not use the device if it appears to be damaged!

Introduction

With its tiny size, power protections and RDM capacity, the SPLIT RDM duplicate the signal and is an essential tool for all your lighting installations and DMX wiring.

The splitter device takes signal from a DMX point to raise the data signal into 2 identical output ports. DMX signal is boosted, amplified and DMX in signal are raised to transmit data to a longer distance on your DMX installation and long distance wiring. The high voltage protections can secure the installation and protect your lighting and all control equipment.

Features

|	
DMX output	2x512 channels (insulated + boost)
Ports	DMX 512: 1 in + 2 Out
Connector	Screw terminal block
Protection and insulation	3KV on DMX, 1.5KV, 0.3A on DC Power
Power supply unit (PSU, included)	9V, 0.5A EURO; 100-240V~50/60Hz
Dimensions (mm)	H : 103 (4.06 in) / W : 50mm(1.96in) / D : 37,5mm (1.47in)
Net Weight	0.1 Kgs
Gross weight	0.16 Kgs
Power / Consumption	0,43 W
High Voltage Protection	Yes, fuses & diodes
Housing	Strong Aluminum
Operating environment	Indoor
IP rating	IP40
Storage	keep dry
Operating Temperature	-45~+85°C
Certifications	CE, RoHS
International Warranty	yes, 1 years

Housing connectivity

Front panel
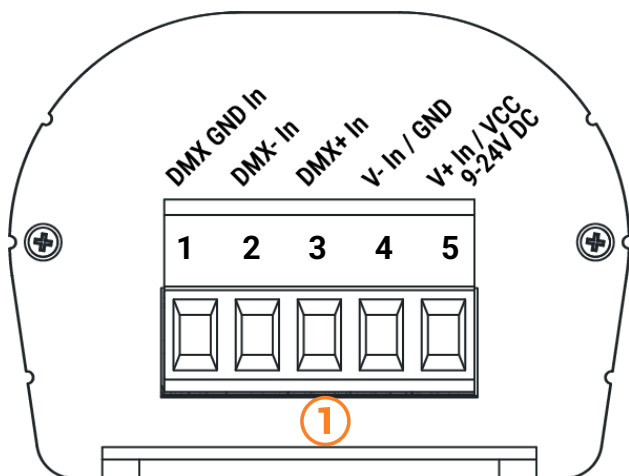
1. Terminal Block Connector with screws :

1. Ground DMX Input
2. DMX - Input
3. DMX + Input
4. V- Input / Ground
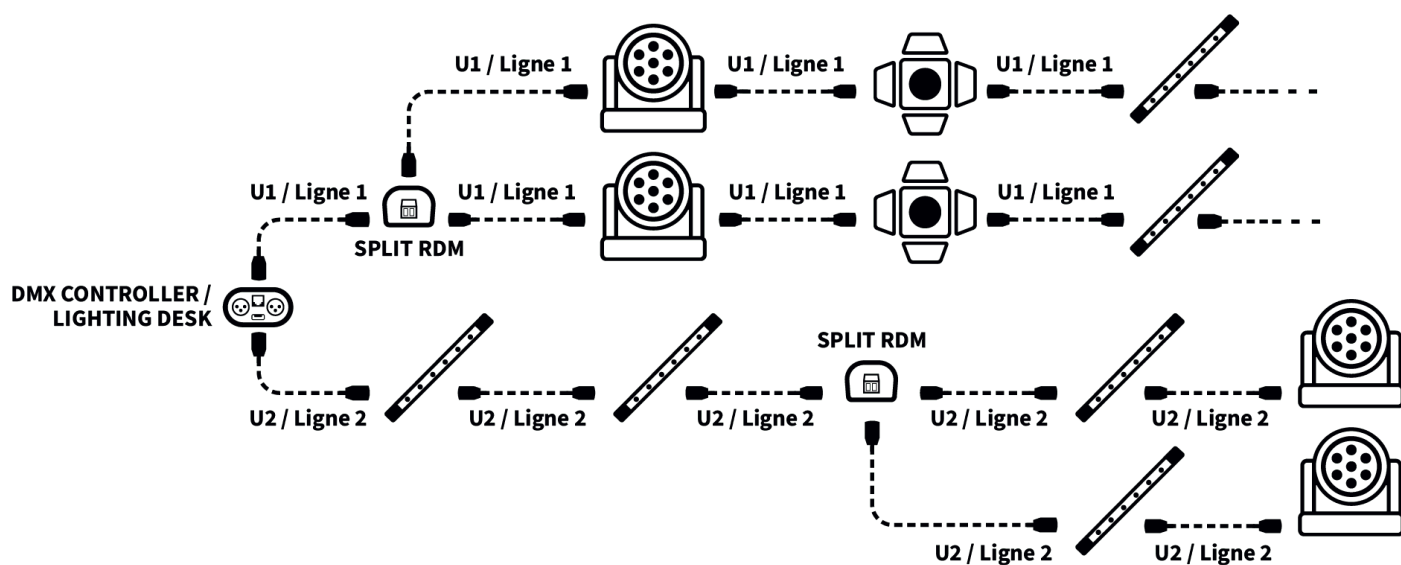5. Power Input VCC 9~24V DC

Back panel
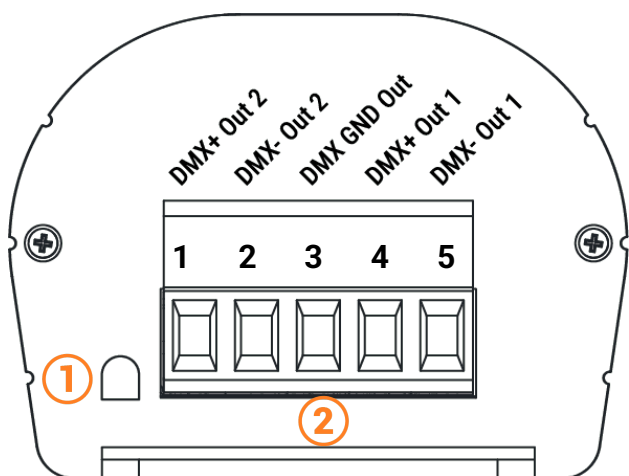
1. LED signal

2. Terminal Block Connector with screws :

1. DMX2 + Output
2. DMX2 - Output
3. DMX Ground Output
4. DMX1 + Output
5. DMX1 - Output

USB Signal LED operating states

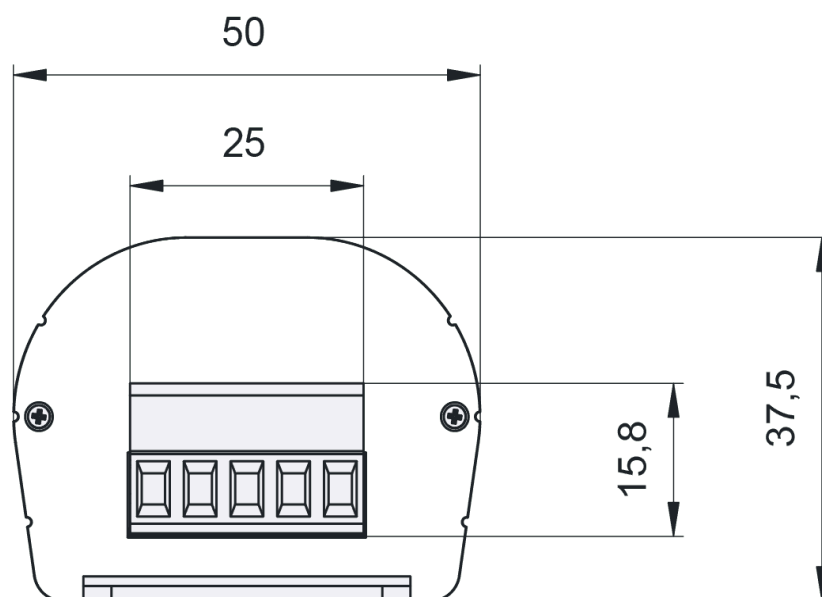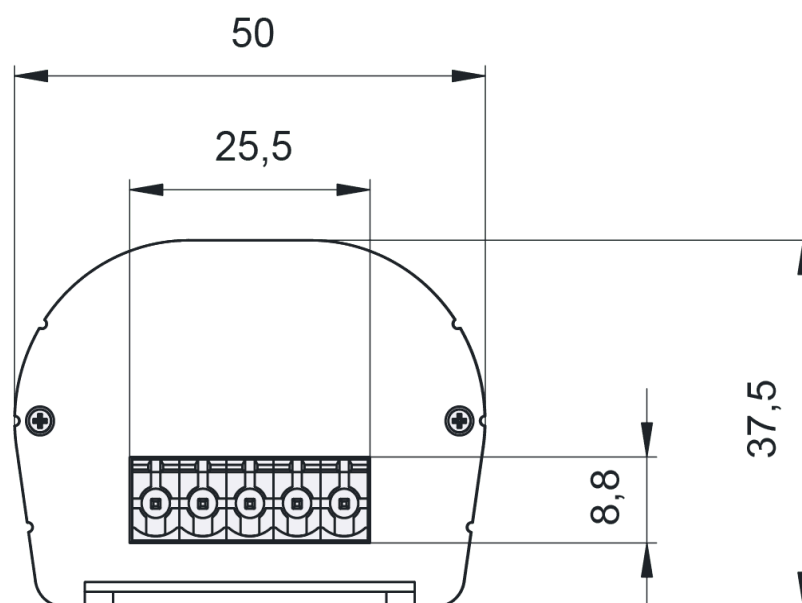|	
OFF	Interface not powered (check the USB cable or the power supply)
ON	Interface powered
Flash x3	RDM communication running

Wiring diagram

U1 / Ligne 1

U1 / Ligne 1

U1 / Ligne 1

U1 / Ligne 1

SPLIT RDM

U1 / Ligne 1

U1 / Ligne 1

U1 / Ligne 1

U1 / Ligne 1

**DMX CONTROLLER /
LIGHTING DESK**

SPLIT RDM

U2 / Ligne 2

U2 / Ligne 2

U2 / Ligne 2

U2 / Ligne 2

U2 / Ligne 2

U2 / Ligne 2

U2 / Ligne 2

Housing dimensions

Front with Terminal Block

Dimensions in mm

50

25

37,5

15,8

Back without Terminal Block

50

25,5

37,5

8,8

102,5

93,1

25

35

49,8

73,1