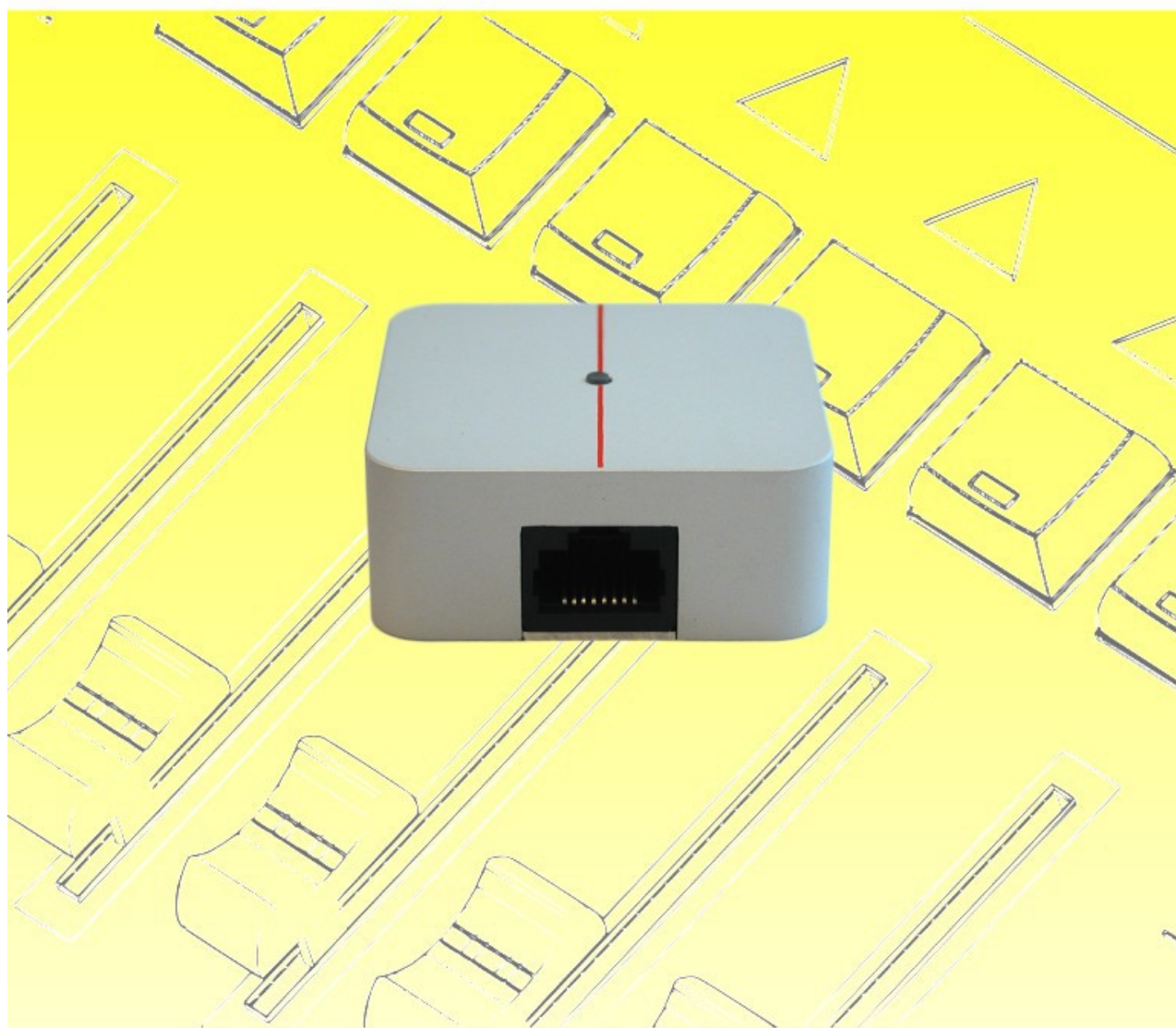




DMXPEN FilRouge

Design your show, record and bring with you



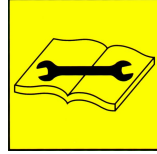
cat.no. dmxpenFilRougeR1-UK-2013

Manual / UK

INDEX

Introduction.....	page	3
Warnings.....	page	4
Description.....	page	5
Setup / Connections.....	page	6
Technical Specifications.....	page	7
PIN Assignment	page	8
Device Programming and Usage	page	9
Device MIDI Control	page	10
Warranty.....	page	11
Maintenance / Cleaning.....	page	11

INTRODUCTION



Thanks for buying this DMXPen series product.
The correct use of this product, will ensure a correct functionality, a long life and will avoid product failure.

Please read this manual carefully and be sure to understand the information provided to ensure a safe and reliable application.

WARNINGS

1. This manual describes the DMXPEN FilRouge operating functions. The user must operate the product according to the performance specifications described in the operation manual.
2. While every effort has been made to ensure that the information on this manual is accurate and complete, we would appreciate any errors or omissions submitted to our attention.
3. Maintenance, inspection and replacement of parts must be carried out by authorized personnel only.
4. We reserve the right to change the hardware and software specifications described in this manual at any time without prior notice.
5. Do not use/handle DMXPEN FilRouge with wet fingers.
6. Upon package opening, please be sure that:
 - The received product corresponds with the ordered one.
 - No part are missing on the received product.
 - The product is not damaged.
 - Contact immediately the DMXPen dealer in case of fault.

DESCRIPTION

DMXPen FilRouge device performs the following functions:

- Conversion of an entire DMX512A universe received via USB (USB to DMX512A conversion)
- Stand-alone playback of internally stored sequences of scenes

DMXPen products' motto is to easy record and easy carry the show and the player: *"Design your show, record it and take all with you"*.

In comparison with the other DMXPen products, FilRouge does not record a DMX512A data stream, instead FilRouge can be programmed via USB port thus playing back sequences of scenes of an entire DMX512A universe.

Scenes and sequences can be set up and programmed using an available FREE App downloaded on any Apple iPad®.

Likewise the other DMXPen product series, the FilRouge's functions have been highly improved! Often the light programmer presence is not necessary during the show playback, FilRouge can receive the show and record it on the device, the user has only the duty to activate and playback the recorded shows (i.e. Fair booths, shops, clubs, etc.). People must consider the nuisance when they have to carry heavy, cumbersome and expensive products especially if they only have to Playback recorded shows. Most of the time users are very unfamiliar with such products; FilRouge for its essence will do away with all theses fears and will reassure users to have a more familiar approach. (i.e. bar-tenders, custodians, etc.)

FilRouge's for its compactness is a very attractive and fashionable device as the case is the result of straight aluminium lump process; Its accessible price is another good asset of the FilRouge.

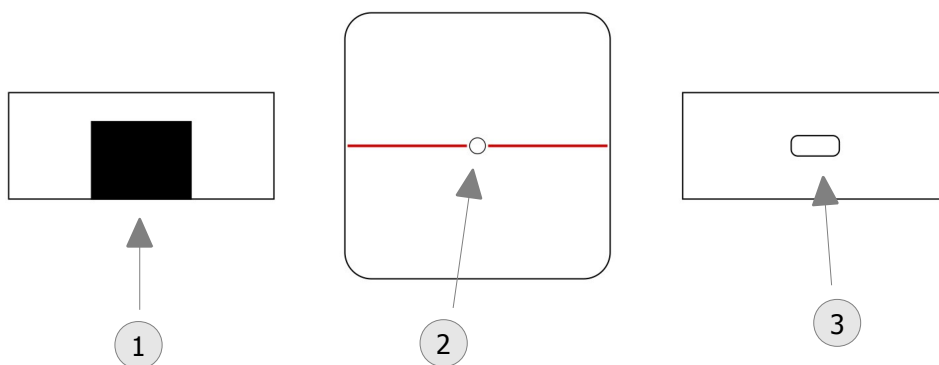


SET UP/CONNECTIONS

FilRouge set up depends on the usage type:

1. *Programming/USB-DMX conversion:* using an Apple ® Camera Kit (not included in the package), connect FilRouge to iPad using the USB cable provided and to the DMX line using the RJ45-XLR 5 Pole Female cable provided.

2. *Stand-Alone Function:* connect the FilRouge to an external USB 5VDC power supply using the USB cable provided and to the DMX line using the RJ45-XLR 5 Pole Female cable provided.



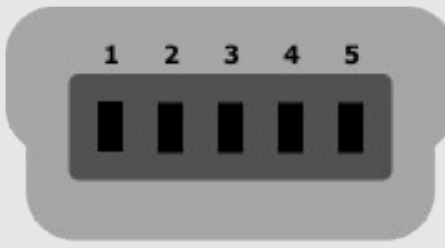
Note Number	Description	Device Connector	Wiring Connector
1	DMX512A and Digital Input	RJ45 Receptacle	RJ45 Plug
2	For stand-alone functions switch and indicator operations		
3	USB Port	Mini USB Type B Receptacle	Mini USB Type B Plug



Caratteristiche Tecniche	
Dimension (L x W x H)	46,5 x 46,5 x 19,5 mm
Weight	50 gr.
Material / finishing	Unibody anodized aluminium
Protection Rating	IP 30
Operating relative humidity: from 30 to 85% (no condensation)	
Operating Temperature	-5°C + 50°C
DMX IN	Opto coupled DMX512/A Input Data
DMX OUT	Opto coupled DMX512/A Output Data
Power Supply	5 VDC – 200 mA
MIDI	USB Port
Digital Inputs	Opto coupled 0-5VDC NPN (activation with connection to GND)
standard reference	EN 55022, EN 61000-4-2, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11, EMC 89/336/CEE, BT 73/23/CEE

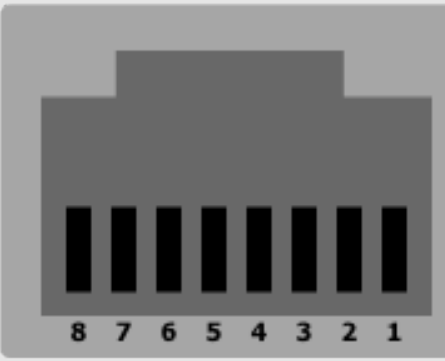
PIN ASSIGNMENT

MINI USB TYPE B



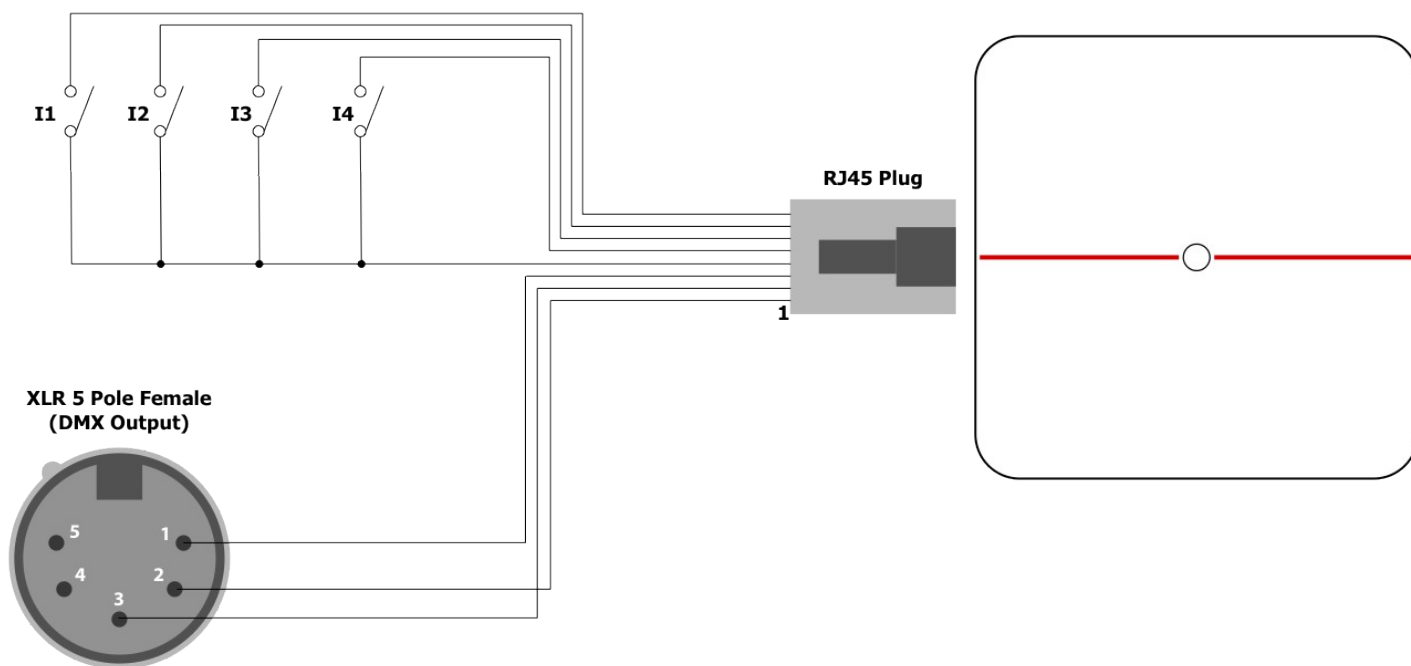
Pin	Description
1	VBUS
2	D-
3	D+
4	NC
5	GND

RJ45



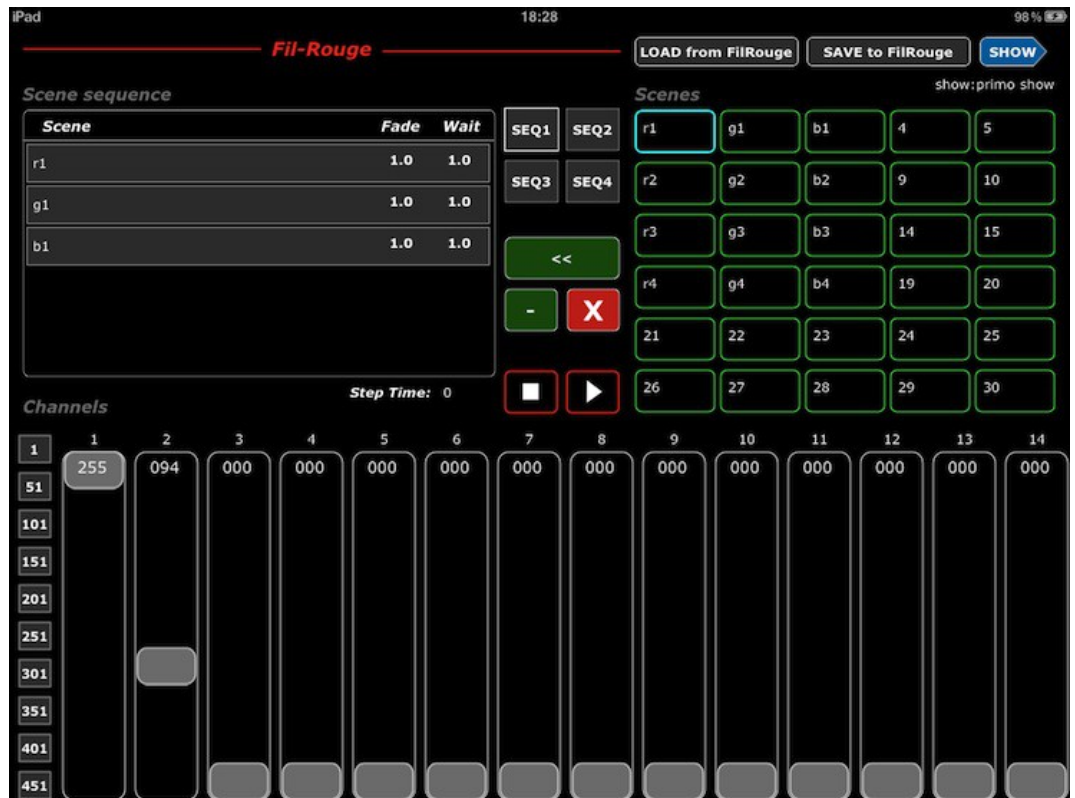
Pin	Description
1	DMX-
2	DMX+
3	GND
4	INPUT-COMMON
5	INPUT4
6	INPUT3
7	INPUT2
8	INPUT1

RJ45 Plug wiring example



DEVICE PROGRAMMING AND USAGE

One of the most interesting FilRouge features is the programming procedure: FilRouge is operated via Apple ® iPad using a free App that is published & available on the Apple Store ®.



FilRouge allows for editing of 30 scenes and handles one full DMX512A universe and sorted in 4 different sequences. This information collection (show) can be stored and loaded from and to DMXPen FilRouge.

The 4 sequences playback, can be activated in two modes:

1. Pressing the button located on top of the device: The are 4 sequences that can be launched one after the other by pressing the top button. When top button is held for 1.5sec, playback stops.
2. To activate the 1, 2, 3 or 4 sequence, connect the digital input 1, 2, 3 or 4 to the input-common provided on the RJ45 connector.

This operation will automatically trigger the integrated stand-alone playback of FilRouge that will be retained on power off. When power is turned on, FilRouge will trigger again the last running sequence

For an accurate app description we recommend you should view the tutorial which is available on the www.dmxpen.com website.

Show execution can be accomplished in real time by the iPad. In this case make sure the FilRouge stand alone playback is stopped as well as the FilRouge device secures the USB to DMX512A conversion.



MIDI TO DMX512A CONVERSION

FilRouge can also be operated via MIDI using the standard USB port. FilRouge can be connected to both Apple ® iPad as well as to a MAC or a PC, to this regard the use of one of the software available on the market it may operate and may generate MIDI Control Change command.

This feature is helpful for musicians as it allows for controlling a DMX line directly from existing software.

MIDI to DMX512A Conversion		
MIDI Channel	Control Change	DMX Channel controlled
1	0-127	Ch1 - Ch128
2	0-127	Ch129 - Ch256
3	0-127	Ch257 - Ch384
4	0-127	Ch385 - Ch512

WARRANTY

12 month

(according to D.L. n.24 of 2 February 2002, Directive 1999/44/CE of European Parliament)

MAINTENANCE / CLEANING

No special maintenance operation is required for DMXPEN FilRouge.

Always make sure to unplug the device from the power supply during maintenance and cleaning operation.

Use only dry cleaning cloth to clean DMXPen FilRouge. Do not use cleaning solvent or washing powder as it may impaired your items.

www.dmxpen.com



DMXPEN

Design your show, record and bring with you



www.esta.org



www.ArtisticLicence.com
*Designed by and Copyright
Artistic Licence (UK) Ltd.*