




HQ POWER VDPDP152 4 Channel DMX Dimmer Pack User Manual

[Home](#) » [HQ-POWER](#) » HQ POWER VDPDP152 4 Channel DMX Dimmer Pack User Manual 

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Contents

- 1 Introduction & Features
- 2 Safety Instructions
- 3 General Guidelines
- 4 Description
- 5 Operating Instructions
- 6 Fuse
- 7 Cleaning and Maintenance
- 8 Technical Specifications
- 9 Documents / Resources
- 10 Related Posts

Introduction & Features

To all residents of the European Union Important environmental information about this product






This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialised company for recycling. This device should be returned to your distributor or to a local recycling service. Respect the local environmental rules.

If in doubt, contact your local waste disposal authorities

Thank you for buying the VDPDP152! Please read the manual carefully before bringing this device into service. This device is 4-channel dimming power pack with LED indication, controlled by analogue input or DMX input, while also providing a power supply for an analogue controller. Check carefully for damage caused by transportation. Consult your dealer and don't install this device if it has been damaged in transit

Safety Instructions

-  Be very careful during the installation: touching live wires can cause life-threatening electroshocks.
-  Keep this device away from rain and moisture.
-  Unplug the mains lead before opening the housing.
- A qualified technician should install and service this device.
- Damage caused by disregarding certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for the ensuing defects or problems.
- Do not switch the device on immediately if it has been exposed to changes in temperature. Protect the device against damage by leaving it switched off until it has reached room temperature.
- This device falls under protection class I. It is essential, therefore, that the device be earthed. Have this device installed by a qualified technician.
- Make sure that the available voltage does not exceed the voltage stated in the specifications of this manual.
- Do not crimp the power cord and protect it against damage from sharp edges. Ask an authorised dealer to replace the cord if necessary.
- Always disconnect the device from the mains when it is not in use or when you wish to clean it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.
- Note that damage caused by user modifications to the device is not covered by the warranty. Keep the device away from children and unauthorised users.

General Guidelines

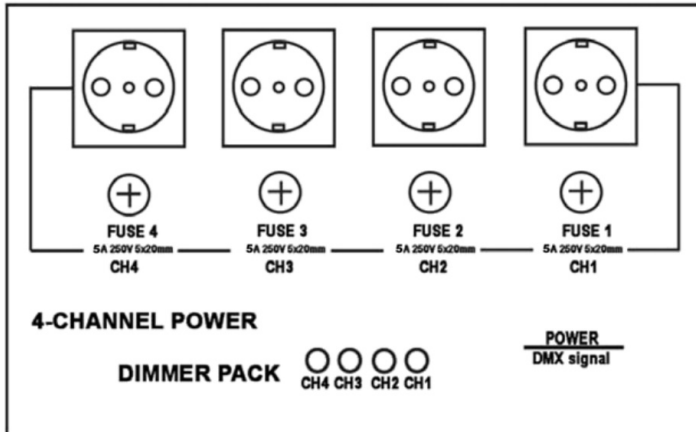
- This device is a lighting controller for professional use on stage, in discos, theatres, etc. The VDPDMXDP152 should only be used indoors with the included adapter working on an alternating current of max. 230Vac/50Hz.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Select a location where the device will be protected against extreme heat, moisture and dust.
- Do not use or transport the device under temperatures $< 5^{\circ}\text{C}$ or $> 35^{\circ}\text{C}$.
- Familiarise yourself with the functions of the device before actually using it. Do not permit operation by unqualified people. Any damage that may occur will probably be due to unprofessional use of the device.
- Use the original packaging if the device is to be transported.
- Note that all modifications of the device are forbidden for safety reasons.
- Do not remove the serial number sticker from the device as doing so will void the warranty. Only use the device

for its intended purpose. All other uses may cause short circuits, burns, electroshocks, lamp explosions, crashes, etc. Using the device in an unauthorised way will void the warranty.

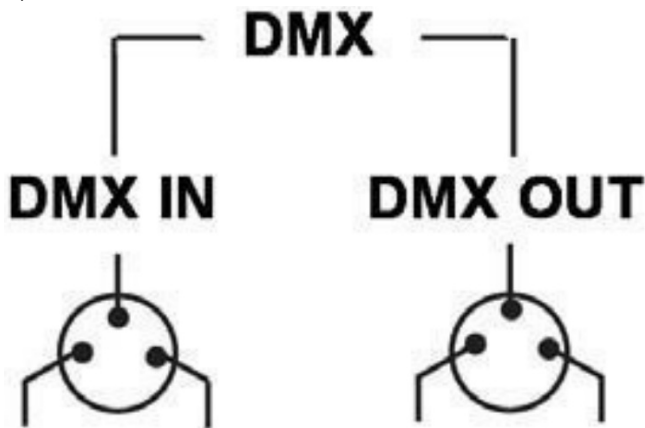
Description

a)Front Panel

Fig. 1

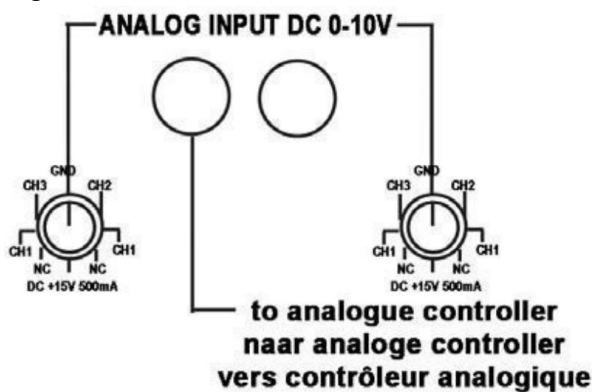


b)Connections



1. GND
2. DATA
3. DATA “+”

Fig. 2



The output goes through 4 SCHUKO output sockets and a load can be connected to each of these. The max. load per channel is 1100W (5A). Please keep in mind never to surpass the maximum total current of 16A!!

Operating Instructions

Analogue Connection

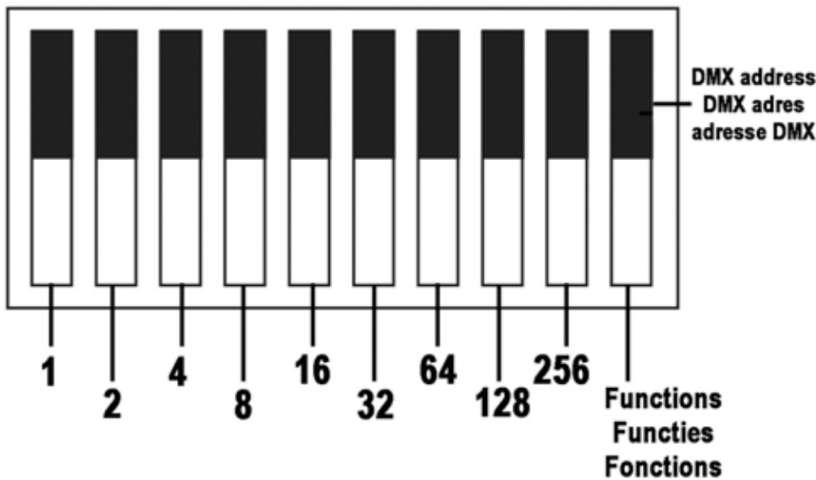
Fix the device and put the circuit breaker at the back in the OFF-position. Connect the analogue controller with the device via an 8-pin cable. Put the output of the analogue controller in the minimum position. Connect the load on the SCHUKO output sockets. When all connections are made, connect the device to the mains and turn on the circuit breaker. Adjust the output of

the analogue controller to adjust the corresponding load on the selected channel

DMX Connection

Fix the device and put the circuit breaker at the back in the OFF-position. Connect the DMX device into the DMX chain by means of a 3-pin XLR cable. Connect the load with the SCHUKO output sockets. Define the DMX start address of the device by means of the DIP switches according to the table given below :

Fig. 3



FUNCTION = FUNCTIE = FONCTION

1	2	3	4	5	6	7	8	9	10
any one of the DIP switches 1-9 is ON, DMX parallel									1
all the DIP switches 1-9 are OFF, auto parallel									
any one of the DIP switches 1-9 is ON, DMX									0
all the DIP switches 1-9 are OFF, auto									

DMX ADDRESS = DMX ADRES = ADRESSE DMX

1	2	3	4	5	6	7	8	9	start. address	
1	0	0	0	0	0	0	0	0	1	
0	1	0	0	0	0	0	0	0	2	
1	1	0	0	0	0	0	0	0		
0	0	1	0	0	0	0	0		3	
1	0	1	0	0	0	0	0	0	4	
1	1	1	1	1	1	1	1	1	5	512

The device can perform several functions, depending on the setting of the last DIP switch (n° 10). See table above for the different settings. When all connections are made, connect the device to the mains power and turn on the circuit breaker. Adjust the output of the analogue controller to adjust the corresponding load on the selected channel. Note that each channel has an output LED to show the actual status of the channel.

Fuse

Do not try to repair the device. You can only open the housing to replace a blown fuse with an identical one. Unscrew the cover of the fuse holder with a screwdriver, remove the old fuse, insert the new one and close the fuse compartment again. Order spare parts from your local dealer

Cleaning and Maintenance

1. All screws for installing the devices or parts of the device have to be screwed down tight and must not be corroded.
2. Neither the housing nor the mounting supports should not be modified or tampered with.
3. The electric power supply cables must be undamaged. Have the device installed by a qualified technician.
4. Disconnect the device from the mains prior to maintenance activities.
5. Wipe the device regularly with a moist cloth. Do not use alcohol or solvents.
6. Entrust a qualified technician with the maintenance of this device. Contact your dealer for spare parts if necessary.

Technical Specifications

Power Supply: 230Vac / 50Hz

Number of channels: 4

Maximum total load: max. 3520W

Maximum total current: max. 16A

Maximum load per channel: 1100W

Output connections: 4 x SCHUKO socket

Analogue input/output: 8-pin DIN socket (0-10Vdc)

DMX input/output: 3-pin XLR socket

Fuses: 4 x F5A, 250Vac (5 x 20mm) (ordercode: FF5N), circuit breaker 16A

Dimensions: 318 x 165 x 96mm

Weight 2.95kg

The information in this manual is subject to change without prior notice.

Documents / Resources



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VDPDP152, VDPDP152 4 Channel DMX Dimmer Pack, 4 Channel DMX Dimmer Pack, DMX Dimmer Pack, Dimmer Pack