



VD-15

ORDERCODE 101201



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SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from DMT.

The DMT VD-15 brings excitement to any venue. Whether you want simple plug-&-play action or a sophisticated DMX show, this product provides the effect you need.

You can rely on DMT, for more excellent lighting products.

We design and manufacture professional light equipment for the entertainment industry.

New products are being launched regularly. We work hard to keep you, our customer, satisfied.

For more information: www.DutchMediaTools.info

You can get some of the best quality, best priced products on the market from DMT.

So next time, turn to DMT for more great lighting equipment.

Always get the best -- with DMT !

Thank you!



DMT VD-15™ Product Guide

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WARNING

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:

- DMT VD-15
- Power adapter 12Vdc, 100mA
- 2x Coupling plate
- 8x Rivet
- User manual



CAUTION!
Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!



**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual



CAUTION! Be careful with your operations.
With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires!



Before your initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never leave any cables lying around.
- Do not connect this device to a dimmerpack.

- Do not switch the device on and off in short intervals, as this would reduce the system's life.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use device indoor, avoid contact with water or other liquids.
- Only operate the device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power adapter by the housing. Never pull out the power adapter by tugging the cable.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Make sure that you use the included power adapter only.
- If the device is obviously damaged, it has to be replaced. So that its functions are not impaired, due to cracks or deep scratches.
- Never hit the device with a hammer or other tools, as this may lead to damages.
- Make sure that this product is recycled at the end of its life to protect our environment.
- If device is dropped or struck, disconnect the power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your DMT device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your DMT dealer for service.
- For adult use only. The device must be installed out of the reach of children. Never leave the unit running unattended.
- The user is responsible for correct positioning and operating of the device. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.

OPERATING DETERMINATIONS

If this system is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.

Any other operation may lead to dangers like short-circuit, burns, electric shock, etc.

You endanger your own safety and the safety of others!

Improper installation can cause serious damage to people and property !

Return Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

The VD-15 is a 1:5 Video Distributor.

- Video distribution amplifier
- 1 input and 5 outputs
- Video signal

Overview



Fig. 1

1. Power On Switch.

This is the main Power switch. Press to turn the amplifier on.

2. Low/High Impedance Switch.

When using a VD-15 standalone, push in to select Low impedance (75Ω). If you want to loop several units using the **Video Loop (4)** output, make sure that the switch for the first unit is pushed in (low impedance) and that the switch for each unit connected to a **video loop (4)** output is not pushed in (High impedance).

3. Video In BNC Input.

Connect to the output of your video source.

4. Video Loop BNC Output.

Connect this output to the **Video In (3)** input of another VD-15 if you need more than five video outputs. Make sure that the **Low/ High Impedance (2)** switch of the VD-15 connected to the **Video Loop (4)** output is not pushed in (High impedance).

5. Video Out 1 BNC Output.

Connect to the input of a video device.

6. Video Out 2 BNC Output.

Connect to the input of a video device.

7. Video Out 3 BNC Output.

Connect to the input of a video device.

8. Video Out 4 BNC Output.

Connect to the input of a video device.

9. Video Out 5 BNC Output.

Connect to the input of a video device.

10. Power Adapter Connector 12Vdc 50mA

Use the supplied power adapter only.

Installation

Remove all packing materials from the VD-15. Check that all foam and plastic padding is removed.

**Always disconnect from electric mains power supply before cleaning or servicing.
Damages caused by non-observance are not subject to warranty.**

Set Up and Operation

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

Coupling units

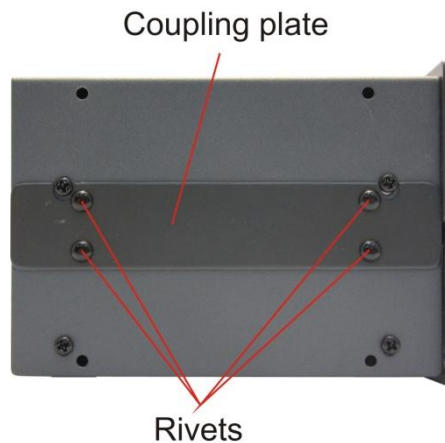


Fig. 2

Setup example

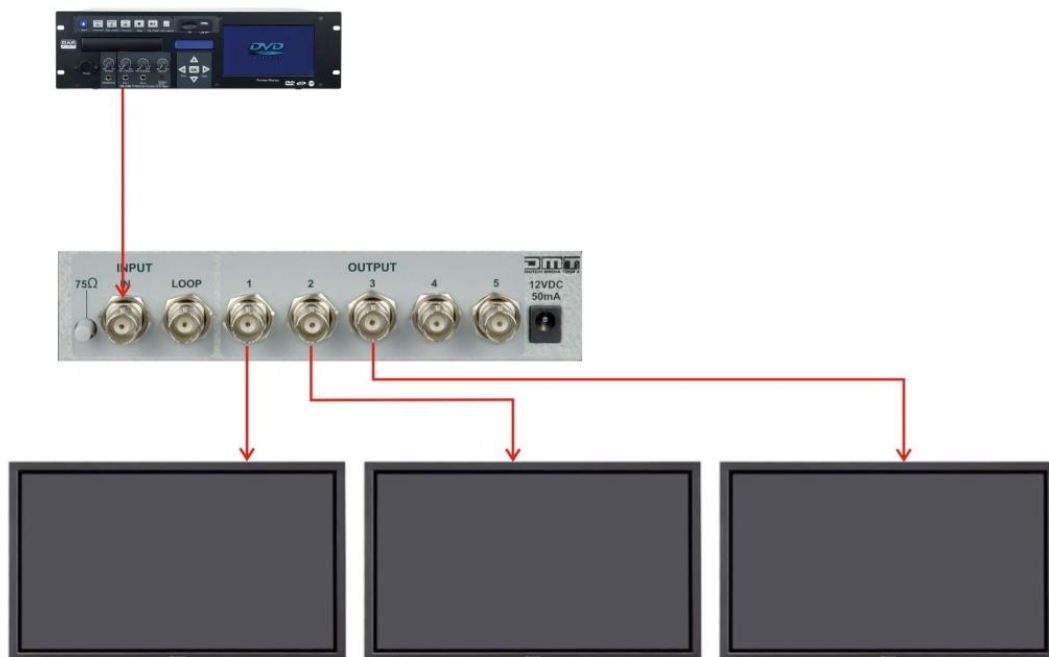


Fig. 3

Maintenance

The DMT VD-15 requires almost no maintenance. However, you should keep the unit clean.

Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.

Keep connections clean. Disconnect electric power, and then wipe the connections with a damp cloth.

Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

DMT VD-15

This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

1. If the device does not operate properly, unplug the device.
2. Check power from the wall, all cables, connections, etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If nothing happens after 30 seconds, unplug the device.
5. Return the device to your DMT dealer.

Product Specification

Video distribution amplifier: 1 in: 1 loop: 5 out

Input Impedance: High-Z / 75 Ohm switchable

Connectors: BNC

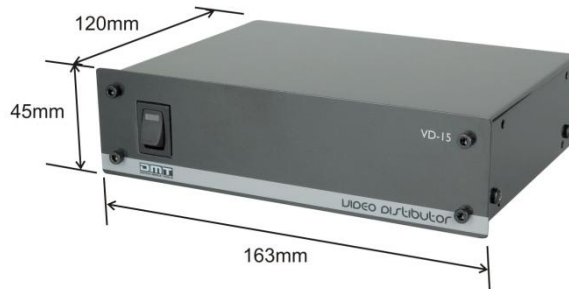
Video gain: fixed at 1

Bandwidth: -0,1 dB at 75 MHz

Power supply: 12 Vdc 50mA

Dimensions: 163 x 120 x 45 mm (LxWxH)

Weight: 0,62 kg



Design and product specifications are subject to change without prior notice.



Website: www.DutchMediaTools.info

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DUTCH MEDIA TOOLS

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