



Multidim

ORDERCODE 50391



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from Showtec.

The Showtec Multidim 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 Showtec, 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.

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

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

Always get the best -- with Showtec !

Thank you!



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WARNING

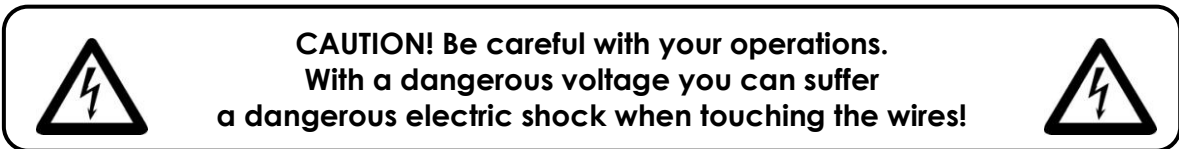


**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

SAFETY INSTRUCTIONS

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

- be qualified
- follow the instructions of this manual



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 let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Do not insert objects into air vents.
- Do not open the device and do not modify the device.
- 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.
- Only use device indoor, avoid contact with water or other liquids.
- 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-cord by the plug. Never pull out the plug by tugging the power-cord.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power-cord is never crimped or damaged. Check the device and the power-cord from time to time.
- If device is dropped or struck, disconnect mains 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 Showtec device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
- For replacement use fuses of same type and rating only.

- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- 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 device 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, lamp explosion, crash etc. You endanger your own safety and the safety of others!

Connection with the mains

Connect the device to the mains with the power-plug.

Always pay attention, that the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	FASE
N	BLUE	BLACK	SILVER	NUL
	YELLOW/GREEN	GREEN	GREEN	EARTH

Make sure that the device is always connected properly to the earth!

Improper installation can cause serious damage to people and property !

Description of the device

Features

- 4 Channel dimmer / switchpack
- Max 1449 Watt per Channel (6.3A per channel max)
- Max Load 3680 Watt (at 230V)
- 4 Shuko outputs

Overview



- | | |
|-------------------|------------------------------|
| 1) Channel Faders | 6) 4x Schuck Outputs |
| 2) Mode Button | 7) DMX IN |
| 3) Menu Button | 8) Power ON/OFF |
| 4) UP Button | 9) DMX OUT |
| 5) Down Button | 10) Channels Fuses 6.3A 250V |

Installation

Remove all packing materials from the Multidim. Check that all foam and plastic padding is removed. Connect all cables.

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.

When the unit is plugged in, it will be in the last working mode. The display shows A001.

1. Press the "MENU" button to go to the submenu.

CH: XX	set total DMX Channels for this dimmer pack
CH: 01	dimmer pack has 1 DMX channel, controlling all 4 outputs
CH: 02	dimmer pack has 2 DMX channels to control outputs. Pack is divided in 2 groups of two channels
CH: 04	dimmer pack has 4 DMX channels. All 4 outputs can be Controlled separately.
2. In DMX mode press "MENU" to set the dimmer pack in *switch* or in *dimmer* mode

S1OF	Dimmer act as dimmer pack
S1ON	Dimmer act as switch pack
3. When the dimmer is in P: XX mode, it is in stand alone mode. Press UP and DOWN keys to scroll the internal programs, P1~17
4. When in stand alone mode, press "MENU" to enter the submenu's :

SP:01~99	press UP or DOWN to control the speed of the programs
So:01~16	press UP or DOWN to choose an internal sound triggered program.

After power is switched off or there has been a power failure, the multidim will return to the last setting.

Manual Dim Control

When you are in Program 17, you can use the channel faders to dim the power to the 4 schucko outputs. Dimmable from 0-100%.

Maintenance

The Showtec Multidim 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. Keep connections clean. Disconnect electric power, and then wipe the audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Replacing a Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out. If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below to do so.

1. Unplug the unit from electric power source.
2. Insert a screwdriver into the slot in the fuse cover. Turn the screwdriver to the left, at the same time Gently push a bit (Turn and Push). The fuse will come out.
3. Remove the used fuse. If brown or unclear, it is burned out.
4. Insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details.

Troubleshooting

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. If the Multidim does not operate properly, refer servicing to a technician. If the fuse is burned out, replace the broken fuse with a new one, with the same specifications.

Response: Suspect two potential problem areas: the power supply or the fuse.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. The fuse. Check if the fuses are ok.

Product Specification

Model: Showtec Multidim

Voltage: AC 230V-50Hz (CE)

Channel Output: 1449 Watt.

Max Load: 3680 Watt

Dimensions: 290 x 210 x 90mm (LxWxH)

Weight: 2.7 kg

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



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