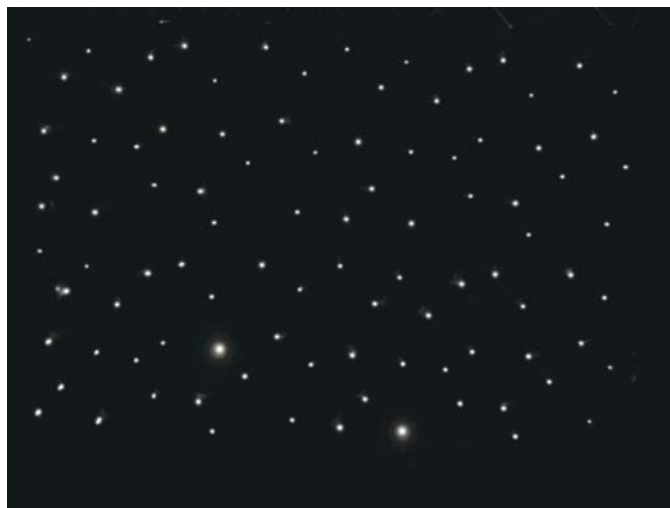




**White Star Sky I DMX v2** ORDERCODE 40340  
**Colour Star Sky I DMX v2** ORDERCODE 40341



**SHOWELECTRONICS FOR PROFESSIONALS**

## **Congratulations!**

You have bought a great, innovative product from Showtec.  
The Showtec Star Sky 1 DMX brings excitement to any venue.

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.  
For more information: [iwant@showtec.info](mailto:iwant@showtec.info)

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!



**Showtec Star Sky 1DMX™ Product Guide**

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## WARNING

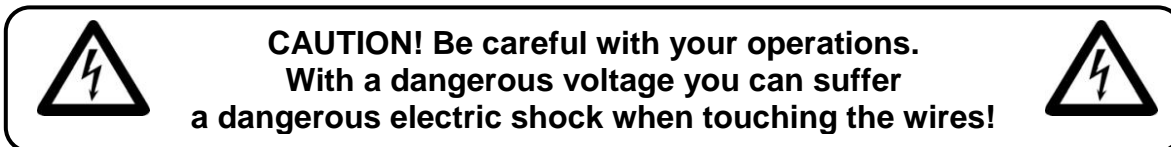


**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY  
BEFORE YOUR INITIAL START-UP!**

## SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this device has 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.*

- Do not open the device and do not modify the device.
- Do not connect this device to a dimmerpack.
- 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 allow free air space of at least 50 cm around the unit for ventilation.
- 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 device is not exposed to extreme heat, moisture or dust.
- 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.
- The powercable may not be modified, broken, mechanically strained, pressed together or heated.
- If the external cable is damaged, it has to be replaced by a qualified technician.
- If the Star Sky 1 is obviously damaged, it has to be replaced. So that its functions are not impaired.
- Never operate the device in the packaging or wrapped in order to avoid heating-up.
- 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 adult use only. Lighteffect 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 Star Sky 1. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- 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 Showtec.
- For replacement use fuses of same type and rating only.
- WARRANTY: Till one year after date of purchase.
- 



## OPERATING DETERMINATIONS

This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.

The minimum distance between light-output and the illuminated surface must be more than 1 meter.

The maximum ambient temperature  $t_a = 45^\circ\text{C}$  must never be exceeded.

The relative humidity must not exceed 50 % with an ambient temperature of  $45^\circ\text{C}$ .

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, crash etc.

*You endanger your own safety and the safety of others!*

### Rigging

*Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.*

*Do not attempt the installation yourself !*

*Always let the installation be carried out by an authorized dealer !*


### Procedure:

- The Star Sky 1 must never be fixed swinging freely in the room.
- When rigging, derigging or servicing the device, always make sure, that the area below the installation place is blocked and staying in the area is forbidden.

*Improper installation can cause serious damage to people and property !*

## 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.

Cable	Pin	International
BROWN	FASE	L
BLUE	NUL	N
YELLOW/GREEN	EARTH	

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

## Description of the device

### Features

The Showtec Star Sky 1 is a light effect with great effects.

- Total width 3m, total length 2m.
- DMX controller, carrying bag and 2 stands included
- 5 DMX Channels (4x Fade Control, 1x Auto Program/ 4 Group Dimmer)
- 2 Versions available: White LEDs (40340) or Coloured LEDs (40341)

NOTE: Knowledge of DMX is required to fully utilize this unit.

### Overview

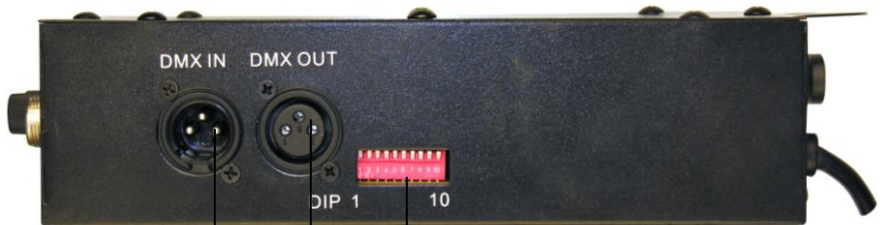


Fig. 1

### Controller



1 2 3 4



5 6 7

- 1) Output to Led Curtain
- 2) Mic
- 3) Programs: All On / Sound Active / Auto / Fade
- 4) Speed Control
- 5) DMX IN
- 6) DMX OUT
- 7) Dip Switches

## Installation

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

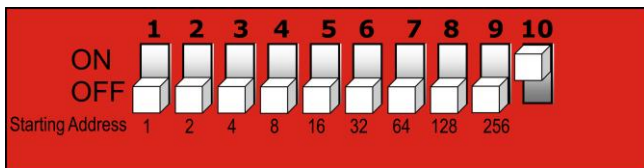
**Do not supply power before the whole system is set up and connected properly.**  
**Always disconnect from electric mains power supply before cleaning or servicing.**  
**Damages caused by non-observance are not subject to warranty.**

## Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode.  
 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.

**Damages caused by non-observance are not subject to warranty.**

## Stand Alone Operation



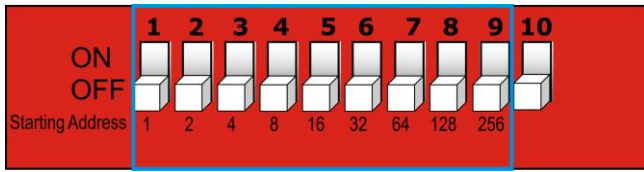
- Set dip switch 10 to **ON**. The unit is in stand- alone mode.
- Programs can be selected by using the **PROGRAMS** switch (3).
- Speed of the Programs can be adjusted by using the **SPEED CONTROL** (4).

## DMX Operation

CH 1 (Group 1)	0-20 21-223 224-255	OFF Fade from Slow to Fast ON
CH 2 (Group 2)	0-20 21-223 224-255	OFF Fade from Slow to Fast ON
CH 3 (Group 3)	0-20 21-223 224-255	OFF Fade from Slow to Fast ON
CH 4 (Group 4)	0-20 21-223 224-255	OFF Fade from Slow to Fast ON
CH 5 (Standalone)	0 255	Autofade program 4 channel dimmer, CH1-CH4 act as dimmer.



- Set dip switch 10 to **OFF**, the unit is in DMX mode.



**DMX Address**

- Use dipswitches #1 - #9 to set the DMX address.

DMX products must have their own "address" to receive DMX signals. Addresses on the Showtec Star Sky are set by flipping the appropriate DMX dip switches.

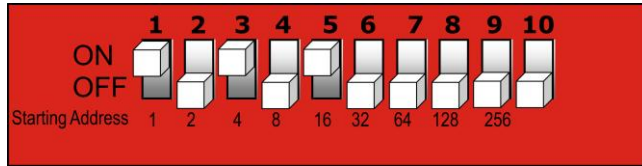
You need to know that DMX address settings are the sum of the dip switch values. A standard DMX address for a Showtec Star Sky, which has five channels, is set like in following example:

**Example**

**Star Sky**  
Unit 5                      **Address Value**  
21

**DMX Dip Switches "ON"**  
#1 , #3, #5

Switch	Value
#1	1
#3	4
#5	<u>16</u> +
Total sum	21



Explanation: Since each unit has five channels, each address advances five values (See Address Value above). Once address values are determined, add DMX dip switch values to obtain the appropriate address (DMX Dip Switches "ON") for each unit. Flip appropriate DMX dip switches on each unit.

## Maintenance

The Showtec Star Sky 1 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. The housing will require monthly cleaning, as smoke-fluid tends to build up residues. Do not use alcohol or solvents. Keep connections clean. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by an expert after every four years in the course of an acceptance test. The operator has to make sure that safety-relating and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

1. All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
2. There may not be any deformations on housings, fixations and installation spots.
3. The electric power supply cables must not show any damages or material fatigue.

### 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 flat-head screwdriver into a 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

### No Light

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 light effect does not operate properly, refer servicing to a technician.

Response: Suspect two potential problem areas: the power supply, the LEDs.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. The LED. Return the device to your Showtec dealer.

### No Response to DMX

Response: Suspect the DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.

1. Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
2. Determine whether the controller or light effect is at fault. Does the controller operate properly with other DMX products ? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

## Product Specification

Model: Showtec Star Sky 1  
Power supply: 240V-50Hz (CE)  
Fuse; 2A  
Length: 3m.  
Width: 2m.  
Weight: 3 kg

### **Minimum distance:**

Minimum distance to flammable surfaces: 0.5m  
Minimum distance to lighted object: 1m

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



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