



Light Brick

ORDERCODE 50370



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from Showtec.

The Showtec Light Brick 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.

For more information: 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 Light Brick™ Product Guide

Warning	2
Safety-instructions.....	2
Operating Determinations.....	3
Description	4
Features and Overview	4
Backside.....	4
Menu.....	5
Installation	5
Set Up and Operation	6
Mode Select	6
DMX-Mode	6
Master-Mode	7
- Chase-Mode.....	7
- Channel-Dimmer.....	7
Preset-Functions	8
Chase Direction	9
Cross and Normal Dimmer	9
Initialization	9
Maintenance	10
Troubleshooting	10
Product Specifications	11

WARNING



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 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.
- Never leave any cables lying around.
- 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 shake the device. Avoid brute force when installing or operating the device.
- Do not switch the device on and off in short intervals, as this would reduce the device's life.
- 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.
- Make sure you don't use the wrong kind of cables or defective cables.
- Always disconnect power from the mains, when device is not used! 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.

- 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.
- Clearing the memory too often may cause damages to the memory chip. Be careful not to initialize your unit frequency often to avoid this risk.
- For adult use only. Device must be installed out of the reach of children. Never leave the unit running unattended.
- For replacement use fuses of same type and rating only.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- 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 maximum ambient temperature t_a must never be exceeded.

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!

Description of the device

Features

The Light Brick is a 4 Channel Dimm- / Switch-Pack from Showtec.

- 4 channel DMX chaser with 16 built-in programs
- 4 channel DMX dimmer pack with 4 individual DMX addresses
- Normal/Cross dimmer
- Forward/Reverse chasing direction
- Fade Time control
- Preheat function
- Manual override
- Built-in microphone for Music triggering
- Power failure memory

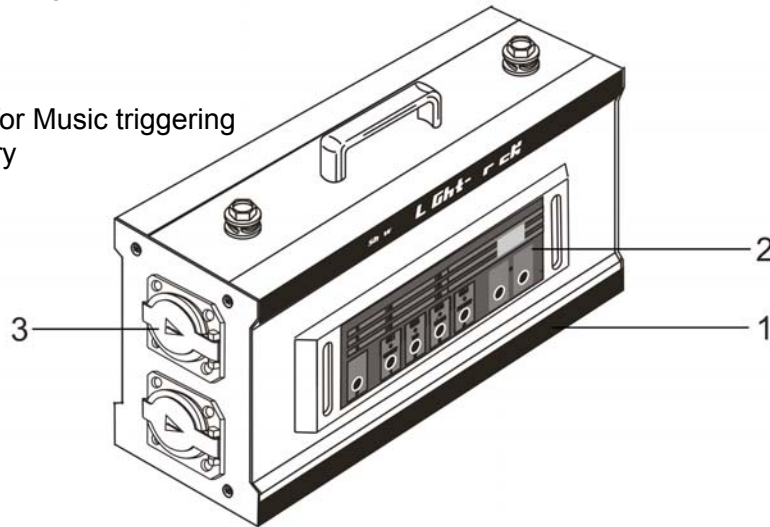


Fig. 1

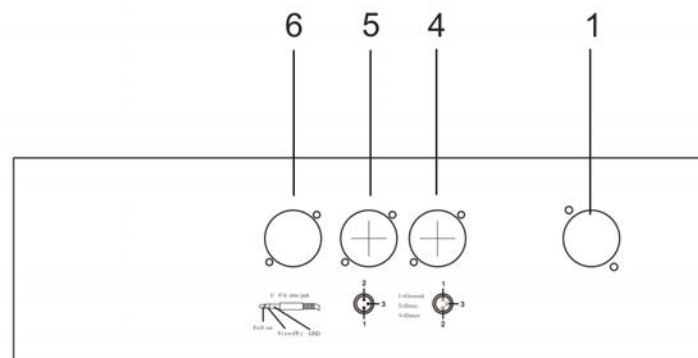


Fig. 2

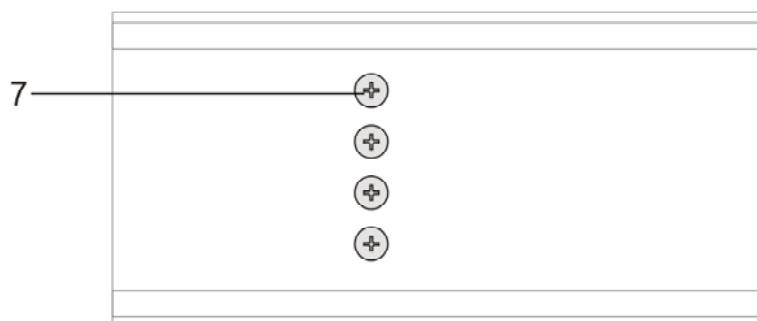


Fig. 3

1. Power Input: Power cable/ Powercon Neutrik input
2. Control Board: Control this unit via these function buttons.
3. Channel Output: 1.5 A/CH., Total 6 A max.(CE)
4. DMX-Out: This connector sends DMX signal.
5. DMX-In: This connector receives DMX signal.
6. Remote Control In: Provides Full On, Stand By operation via the Foot Controller(sold separately).
7. Channel Fuse: F6.3A 250V 5x20mm

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

Menu



Fig. 4

Installation

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

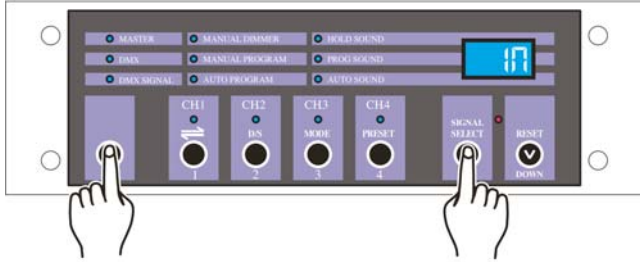
**Always disconnect from electric mains power supply before changing lamps.
Damages caused by non-observance are not subject to warranty.**

Set Up and Operation

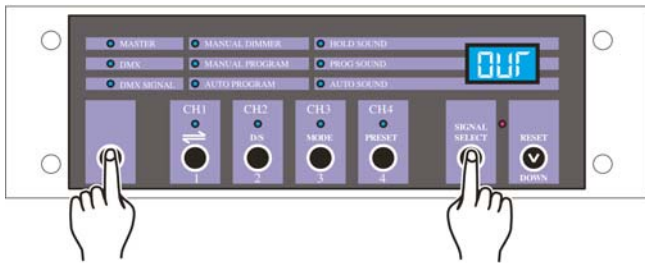
Follow the directions below, as they pertain to your preferred operation mode.

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.

2.1 Mode Select



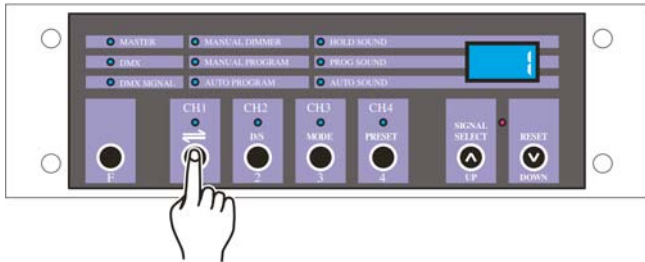
Press and hold down F button first, tap the Signal Select button causing the Segment Display shows "IN", DMX LED lights indicating DMX mode is active, this unit serves as a 4 channel DMX dimmer pack.



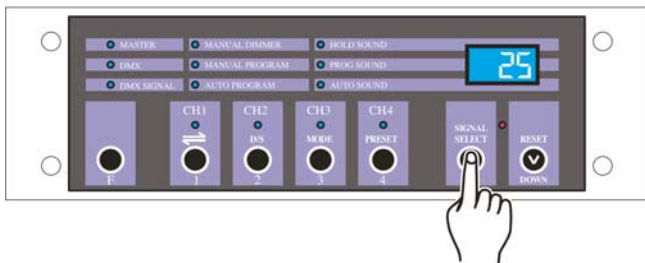
While holding down F button, tap Signal Select button, when the Segment Display shows "OUT", Master LED lights indicating Master mode is active, this unit serves as a 4 channel DMX chaser when linkup use.

2.2 DMX-Mode

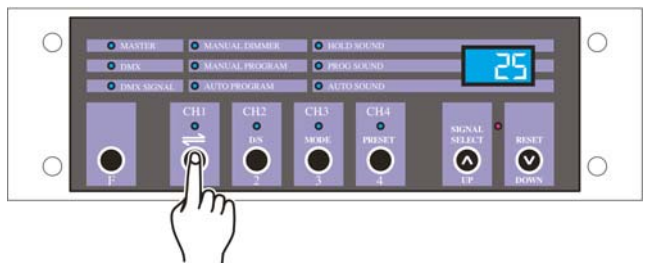
When the Segment Display shows "IN" and the DMX LED lights, this unit serves as a 4 channel DMX dimmer pack. The DMX Signal LED blinks when DMX signal is present.



1. Tap the channel button, the corresponding channel LED blinks indicating your selection and the Segment Display shows the DMX address of last time.



2. Tap the Up/Down button to select your desired DMX address from 001 to 512.



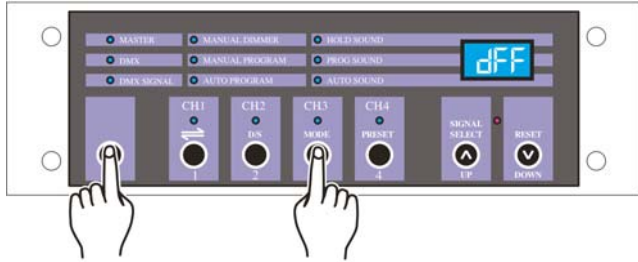
3. Once you've set the DMX address, tap the channel button a second time to store your setting into memory.

4. Continue steps 1-3 until you've set all 4 channels.

2.3 Master-Mode

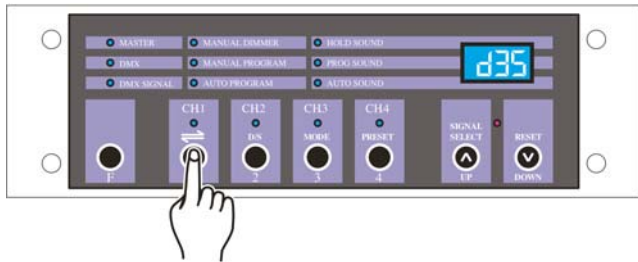
2.3.1 Chase-Mode

When the Segment Display shows "OUT" and the Master LED lights, this unit serves as a 4 channel DMX chaser.

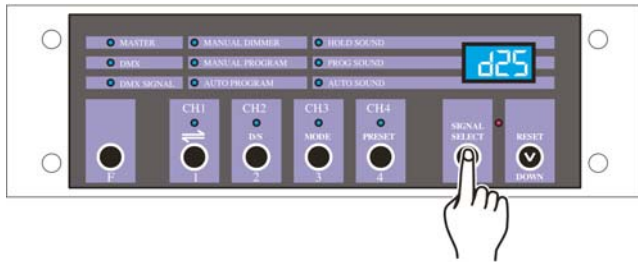


Keep pressing F button, tap Mode button several times to select chase mode from Manual Dimmer/ Manual Program/ Auto Program/ Auto Sound/ Prog. Sound/ Hold Sound, corresponding LED lights indicating your selection.

2.3.2 Channel-Dimmer



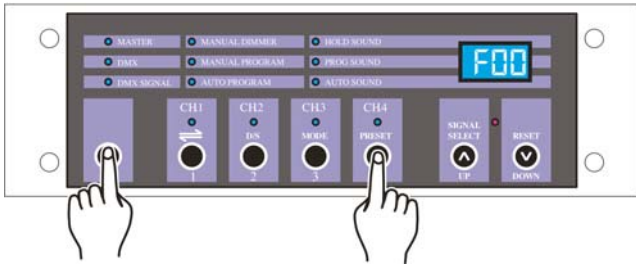
1. When Manual Dimmer mode is active, tap the channel button, the corresponding channel LED blinks indicating your selection and the Segment Display shows the intensity of last change.



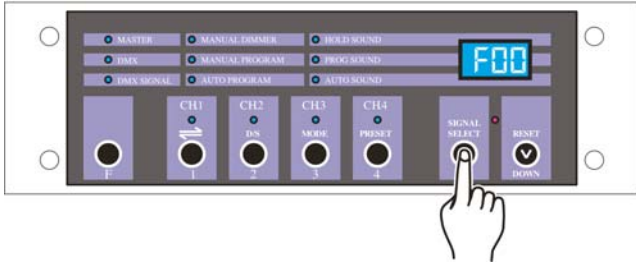
2. Tap the Up/Down button to adjust the channel intensity.

3. Continue steps 1-2 until you've set all 4 channels.

2.4 Preset-Functions

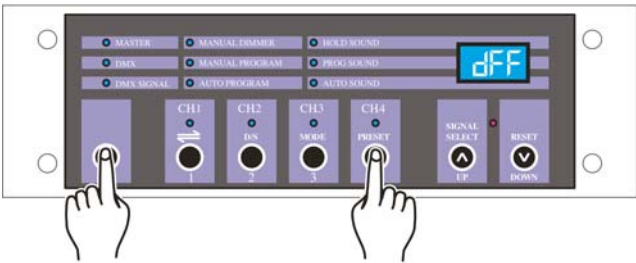


Keep pressing F button, tap Preset button several times to change functions between Fade Time / Dimmer / Preheat / Speed / Program.



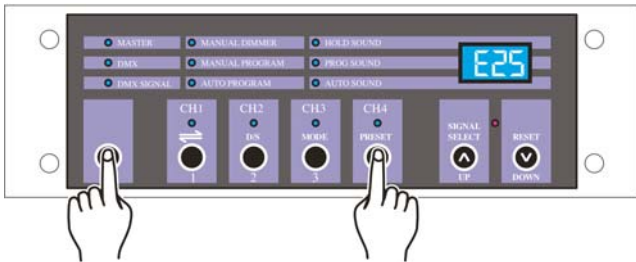
Fade-Time

The Segment Display shows "F" followed by two numbers 00-99. Tap Up/Down button to set fade time from instant to 10 seconds.



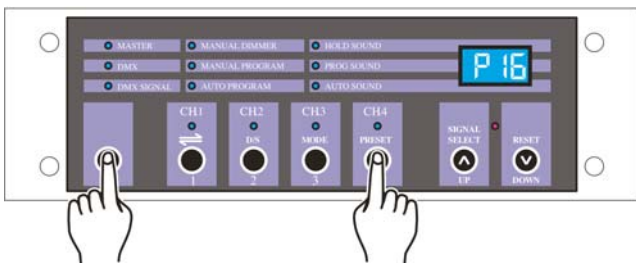
Master-Dimmer

The Segment Display shows "d" followed by two numbers 00-FF. Tap Up/Down button to adjust intensity from fully off (00) to fully on (FF).



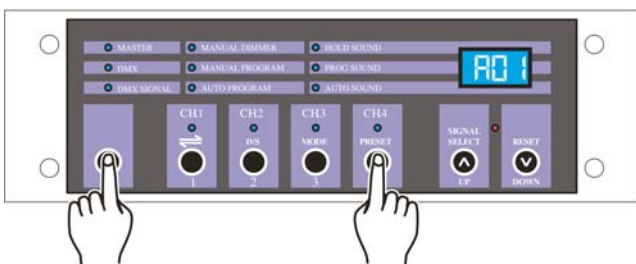
Preheat

The Segment Display shows "E" followed by two numbers 00-25. Tap Up/Down button to adjust from 0% intensity to 25% intensity.



Program

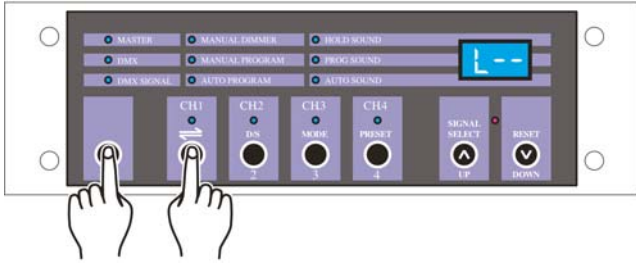
The Segment Display shows "P" followed by two numbers 01-16. Tap Up/Down button to select desired chase program.



Speed

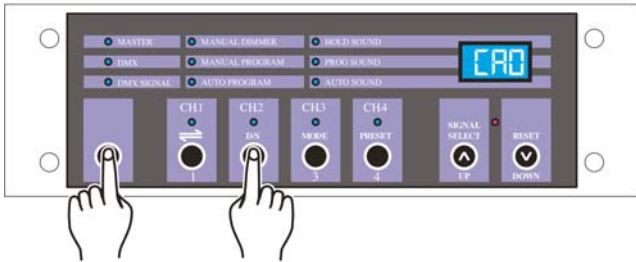
The Segment Display shows "A" followed by two numbers 01-99. Tap Up/Down button to select desired chase speed. 01 will give a slowest speed, 99 will give a fastest speed.

2.5 Chase Direction



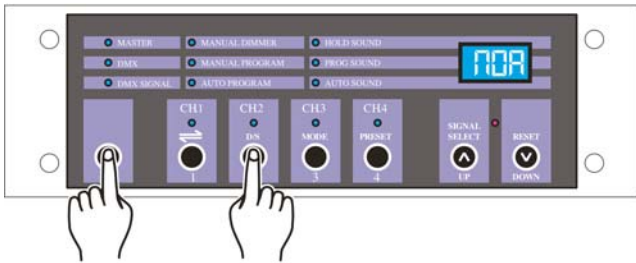
Keep pressing F button, tap the channel button to select chase direction, the Segment Display shows "L--" or "R--". "L--" indicates the programs will chase from left to right, and "R--" indicates the programs will chase from right to left.

2.6 Cross and Normal Dimmer



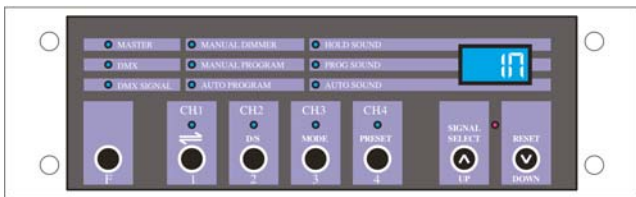
Keep pressing F button, tap D/S button to select dimmer mode from Cross / Normal dimmer.

The Segment Display shows "CRO" when cross dimmer is active. In Cross mode, if output level is 50% or more, the fixture will be fully on; if output is less than 50%, the fixture will be fully off.



The Segment Display shows "NOR" when normal dimmer is active. In Normal mode, output level varies according to manual control.

2.7 Initialization



Press F, Signal Select and Reset buttons at a time, this unit will initialize its memory, the Segment Display shows "888". Release all three buttons, this unit will return to default setting, the Segment Display shows "IN", and Manual Dimmer LED lights.

Maintenance

The Showtec Light Brick 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 DMX and audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Troubleshooting

Showtec Light Brick

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 unit does not operate properly, refer servicing to a technician.

1. If the device does not operate properly, unplug the device.
2. Check the fuse, power from the wall, all cables etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If you are unable to determine the cause of the problem, do not open the device, as this may damage the unit and the warranty will become void.
5. Return the device to your Showtec dealer.

Product Specifications

Model: Showtec Light Brick

Voltage : AC 230V-50Hz (CE)

Channel : 1.5A/CH., Total 6A (CE)

Channel Fuse : F6.3A 250V 5x20mm

DMX Input : 3-pin XLR Male connector

DMX Output : 3-pin XLR Female connector

Remote Input : 1/4" Mono-Jack

Dimensions : 297 x 106 x 150 mm (LxWxH)

Weight : 2,8 kg

Design und Produktbeschreibungen sind abhängig von Änderungen ohne vorherige Ankündigung.





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