



BO-6-S1

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Thank you!



Showtec BreakoutBar 6™ Product Guide

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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 have 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 exceed the maximum power consumption of this device.
- 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.
- Never use the device during thunderstorms, unplug the device immediately.
- 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-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.
- Make sure that the core diameter of extension cords and power cords is sufficient for the required power consumption of the device.
- Make sure that no side forces can impact on the truss system.

- The cable insert or the female part in the device must never be strained. There must always be sufficient cable to the device. Otherwise, the cable may be damaged which may lead to deadly electrical shocks.
- If the external cable is damaged, it has to be replaced by a qualified technician.
- 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. BreakoutBar 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 BreakoutBar. 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 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!

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:

- If the BreakoutBar is lowered from the ceiling or high joists, professional trussing systems have to be used.
- Use a clamp to mount the BreakoutBar, with the mounting-bracket, to the trussing system.
- The BreakoutBar must never be fixed swinging freely in the room.
- The installation must always be secured with a safety attachment, e.g. an appropriate safety net or safety-cable.
- When rigging, derigging or servicing the BreakoutBar, 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 !

Description of the device

Features

The BO-6-S1 is a compact Breakout box from Showtec

- 6x Schuko Connector
- 1x 16-pin Ilme connector

Overview



Fig. 1

1) Ilme Connector (frontside)

2) 6x Schuko connector

3) Screw for connecting the breakoutbox to a clamp. You can use clamp (70121, 70101, 70109B, 70109S)
When fastening the clamp, be sure that the screw is screwed max. 20mm into the breakoutbox.

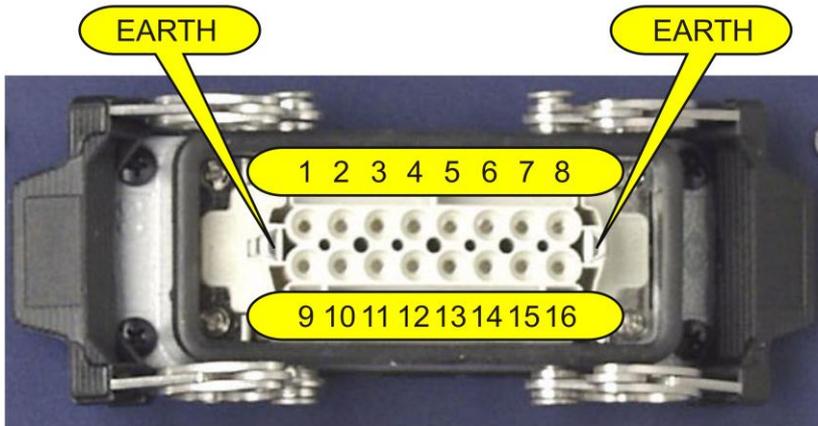
Installation

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

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 380V specification product on 230V power, or vice versa.

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

Harting Connector – Pin Connection



- | | |
|--------------------|-------------------|
| 1) Channel 1 Phase | 9) Neutral |
| 2) Channel 2 Phase | 10) Neutral |
| 3) Channel 3 Phase | 11) Neutral |
| 4) Channel 4 Phase | 12) Neutral |
| 5) Channel 5 Phase | 13) Neutral |
| 6) Channel 6 Phase | 14) Neutral |
| 7) Not Connected | 15) Not Connected |
| 8) Not Connected | 16) Not Connected |

Maintenance

The Showtec Breakoutbox 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

Showtec Breakoutbox

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, the fuse, 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 Showtec dealer.

Product Specification

Model: Showtec Breakoutbox BO-6-S1

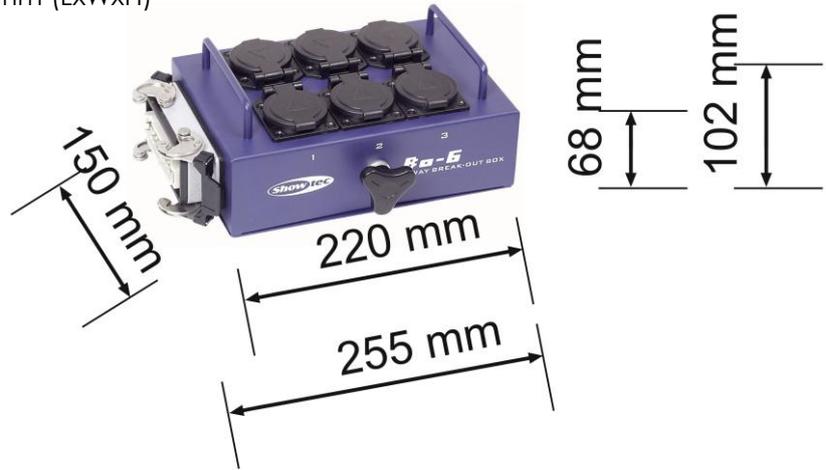
Voltage: 230V ~ 50/60 Hz

Input Connector: 16-pin Ilme male multiconnector

Output Connectors: 6x Schuko, 16A max.

Dimensions: 255x 150 x 102 mm (LxWxH)

Weight : 1,96 kg



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



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