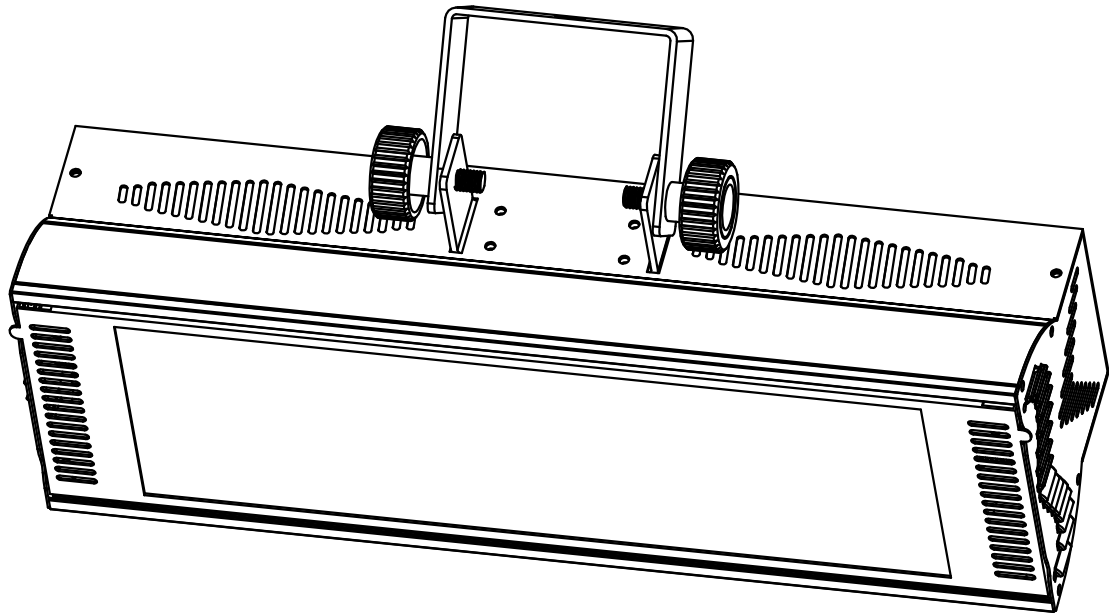


BT-STROBE 1500



ENGLISH

Operation Manual

Other languages can be downloaded from:
WWW.BRITEQ-LIGHTING.COM



Version: 1.0





EN - DISPOSAL OF THE DEVICE

Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

FR - DÉCLASSER L'APPAREIL

Débarrassez-vous de l'appareil et des piles usagées de manière écologique Conformément aux dispositions légales de votre pays.

NL - VERWIJDEREN VAN HET APPARAAT

Verwijder het toestel en de gebruikte batterijen op een milieuvriendelijke manier conform de in uw land geldende voorschriften.

DU - ENTSORGUNG DES GERÄTS

Entsorgen Sie das Gerät und die Batterien auf umweltfreundliche Art und Weise gemäß den Vorschriften Ihres Landes.

ES - DESHACERSE DEL APARATO

Reciclar el aparato y pilas usadas de forma ecologica conforme a las disposiciones legales de su país.

PT - COMO DESFAZER-SE DA UNIDADE

Tente reciclar a unidade e as pilhas usadas respeitando o ambiente e em conformidade com as normas vigentes no seu país.

OPERATION MANUAL

Thank you for buying this BRITEQ® product. To take full advantage of all possibilities and for your own safety, please read these operating instructions very carefully before you start using this unit.

FEATURES

This unit is radio-interference suppressed. This product meets the requirements of the current European and national guidelines. Conformity has been established and the relevant statements and documents have been deposited by the manufacturer. This device was designed to produce decorative effect lighting and is used in light show systems.

- Powerful professional 1500W strobe with big light output
- Full DMX-control using 2 channels
 - Flash-speed: from 2flash/sec up to 12flash/sec
 - Light output: from 5% to 100%
- Single, synchronized flashes can be triggered by DMX
- Works also in stand-alone mode: light output + speed controllable on the housing
- Also works audio triggered when the optional CA-8 controller is used.
- XLR 3pin DMX in/outputs
- Automatic "push to reset" fuse
- BT-STR4, a 4channel DMX-remote controller with audio control, is optionally available
- Compact and sturdy housing, perfect for rental companies!
- Very easy lamp replacement

BEFORE USE

- Before you start using this unit, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- **Important:** This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.

Check the contents:

Check that the carton contains the following items:

- Operating instructions
- BT-STROBE 1500

SAFETY INSTRUCTIONS:



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user or the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means: indoor use only



This symbol means: Read instructions



This symbol determines: the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 10 meters



The device is not suitable for direct mounting on normally flammable surfaces. (suitable only for mounting on non-combustible surfaces)

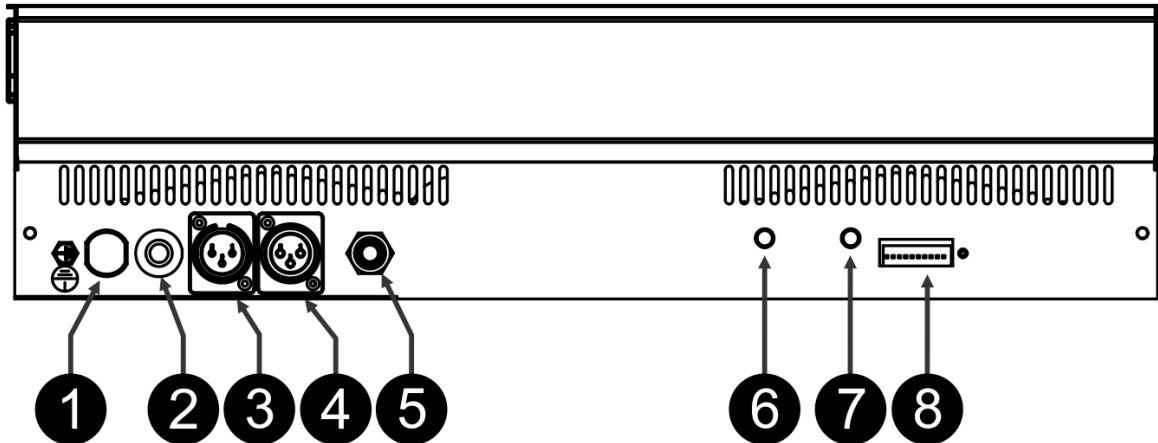
RISK GROUP 2
CAUTION:
Do not stare at operating lamp

CAUTION: Do not stare at operating lamp.
May be harmful to the eyes.

- To protect the environment, please try to recycle the packing material as much as possible.
- A new light effect sometimes causes some unwanted smoke and/or smell. This is normal and disappears after some minutes.
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance or may even cause damages.
- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.
- Locate the fixture in a well ventilated spot, away from any flammable materials and/or liquids. The fixture must be fixed at least 50cm from surrounding walls.
- Don't cover any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- The units' surface temperature may reach up to 85°C. Don't touch the housing with bare hands during its operation.
- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- Allow the device about 10 minutes to cool down before replacing the bulb or start servicing.
- Always unplug the unit when it is not used for a longer time or before replacing the bulb or start servicing.
- The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.
- Check that the available voltage is not higher than the one stated on the rear panel of the unit.
- The power cord should always be in perfect condition. Switch the unit immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Never let the power-cord come into contact with other cables!
- This fixture must be earthed in order to comply with safety regulations.
- Don't connect the unit to any dimmer pack.
- Always use an appropriate and certified safety cable when installing the unit.
- In order to prevent electric shock, do not open the cover. Apart from the lamp and mains fuse there are no user serviceable parts inside.

- **Never** repair a fuse or bypass the fuse holder. **Always** replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the fixture and contact your dealer immediately.
- The housing and the lenses must be replaced if they are visibly damaged.
- Please use the original packing when the device is to be transported.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

Important: Never look directly into the light source! Don't use the effect in the presence of persons suffering from epilepsy.



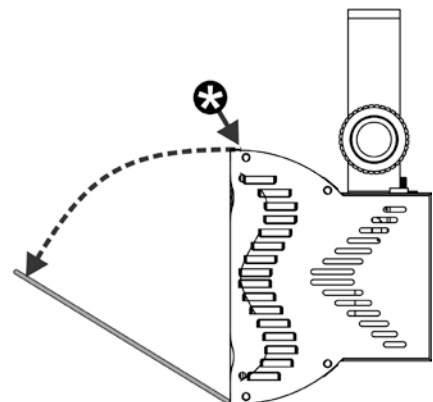
DESCRIPTION:

1. Mains cable.
2. AUTOMATIC FUSE: press this button to reset.
3. DMX INPUT: used for receiving signal from a DMX controller.
4. DMX OUTPUT: used for connecting a second BT-Strobe1500 or another DMX fixture.
5. 6,3mm Jack socket: used for connecting JB-Systems CA-8 controller (order code : 4192)
6. Potentiometer for dimming.
7. Potentiometer for speed control.
8. DIP-switches: used for setting the DMX-address (see chapter : HOW TO SETUP).

LAMP (RE)PLACEMENT

! Strobe tubes should be replaced by qualified technicians only !
Strobe tubes contain poisonous chemicals. Discard used strobe tubes appropriately.
Keep out of reach of children and animals.

- Disconnect the unit from the mains.
- Make sure the unit has cooled down completely.
- Loosen the 2 screws on both sides of the unit (see “*” on the drawing) and open the front glass cover.
- Disconnect the lamp wires from the screw terminals
- Remove the old lamp from the lamp holders.
- Press the new lamp gently in lamp holders.
- To avoid burned wires: make sure that the lamp wires are as far as possible from the lamp glass.
- Connect the lamp wires to the screw terminals
- Close the unit again and fasten the 2 screws marked “*”



OVERHEAD RIGGING

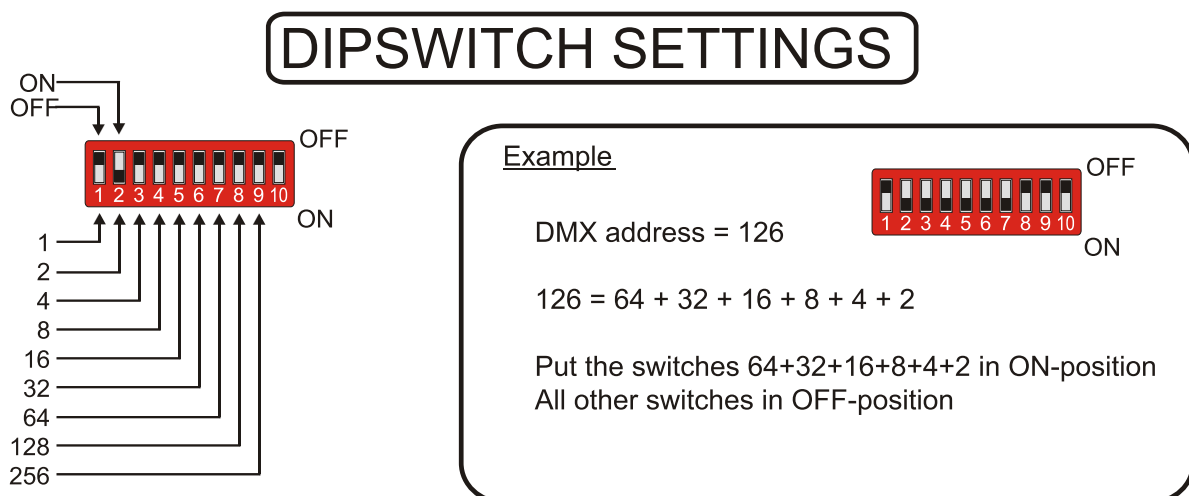
- **Important:** The installation must be carried out by qualified service personal only. Improper installation can result in serious injuries and/or damage to property. Overhead rigging requires extensive experience! Working load limits should be respected, certified installation materials should be used, the installed device should be inspected regularly for safety.
- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- Locate the fixture in a well ventilated spot, far away from any flammable materials and/or liquids. The fixture must be fixed **at least 50cm** from surrounding walls.
- The device should be installed out of reach of people and outside areas where persons may walk by or be seated.
- Before rigging make sure that the installation area can hold a minimum point load of 10times the device's weight.
- Always use a certified safety cable that can hold 12times the weight of the device when installing the unit. This secondary safety attachment should be installed in a way that no part of the installation can drop more than 20cm if the main attachment fails.
- The device should be well fixed; a free-swinging mounting is dangerous and may not be considered!
- Don't cover any ventilation openings as this may result in overheating.
- The operator has to make sure that the safety-relating and machine-technical installations are approved by an expert before using them for the first time. The installations should be inspected every year by a skilled person to be sure that safety is still optimal.

HOW TO SETUP:

STAND ALONE mode: Put DIP-switches (8) number 1 and 10 in "ON" position (see also : [DIPSWITCH SETTINGS] below). The BT-STROBE1500 can now controlled by turning "dimming" potentiometer (6) and "speed" potentiometer (7).

With CA-8 remote control: Put DIP-switch (8) number 1 in "ON" position (see also : [DIPSWITCH SETTINGS] below). The BT-STROBE1500 can now controlled by use of the optional CA-8 controller.

DMX mode: Put DIP-switches (8) in "ON" position according the desired DMX-address (see also : [DIPSWITCH SETTINGS] below). The BT-STROBE1500 can now be controlled by any DMX controller or by the BRITEQ® BT-STR4 strobe controller.



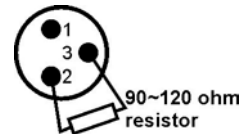
ELECTRICAL INSTALLATION + ADDRESSING

⚠ Important: The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.

IMPORTANT: this unit draws a lot of power from the mains! Make sure that power cables are thick enough to carry the current needed!

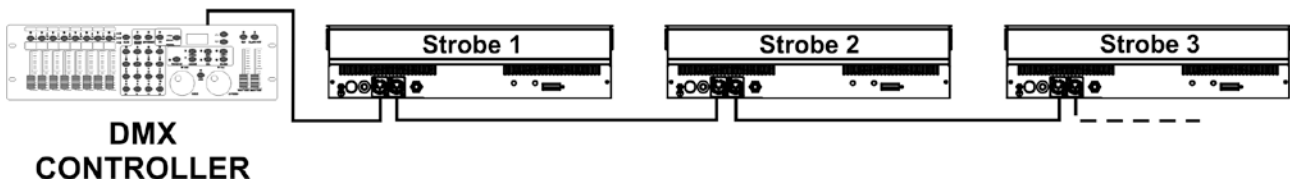
Electrical installation for one, two or more units in DMX-mode:

- The DMX-protocol is a widely used high speed signal to control intelligent light equipment. You need to “daisy chain” your DMX controller and all the connected units with a good quality balanced cable.
- Both XLR-3pin and XLR-5pin connectors are used, however XLR-3pin is more popular because these cables are compatible with balanced audio cables.
Pin layout XLR-3pin: Pin1 = GND ~ Pin2 = Negative signal (-) ~ Pin3 = Positive signal (+)
Pin layout XLR-5pin: Pin1 = GND ~ Pin2 = Negative signal (-) ~ Pin3 = Positive signal (+) ~ Pins4+5 not used.
- To prevent strange behavior of the light effects, due to interferences, you must use a 90Ω to 120Ω terminator at the end of the chain. Never use Y-splitter cables, this simply won't work!
- Make sure that all units are connected to the mains.
- Each unit in the chain needs to have its proper starting address so it knows which commands from the controller it has to decode. In the next section you will learn how to set the DMX addresses.



Operation via a DMX controller:

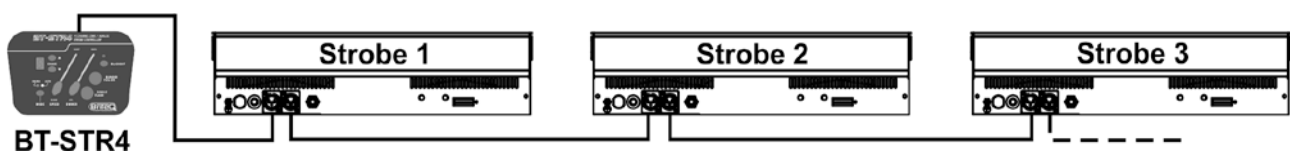
- Connect the DMX controller to one or more strobes as shown on the picture
- Connect the device to the mains.
- Set the desired DMX-address on the strobes.
- Now you can control the strobes via DMX.



CHANNEL	VALUE	FUNCTION
1	Flash rate	
	000 - 005	Blackout
	006 - 037	1 Flash trigger
	038 - 255	From slow to fast
2	Intensity (dimmer)	
	000 - 005	Blackout
	006 - 255	From 0% to 100%

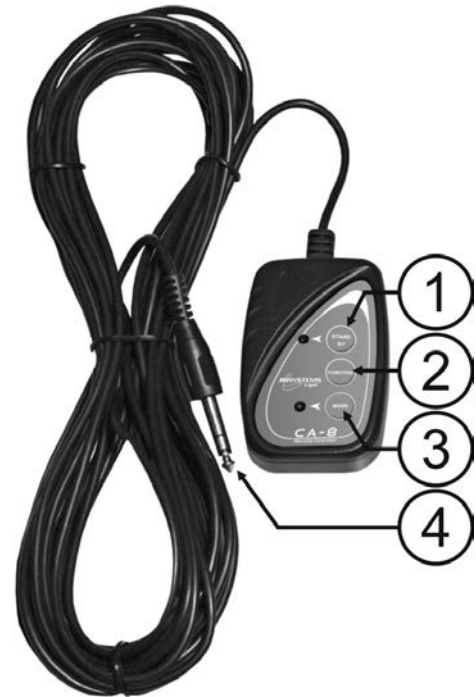
Operation via optional BT-STR4 remote:

- Connect the BT-STR4 remote to one or more strobes as shown on the picture
- Connect the device to the mains
- Set the desired DMX-address on the strobes.
- Now you can use the BT-STR4 remote to control the strobes, see user manual from the BT-STR4 for further instructions.



Operation via optional CA-8 remote:

- Connect the CA-8 remote to the 6,3mm jack connector (4) on the BT-Strobe 1500 (5)
- Connect the BT-Strobe 1500 to the mains
- Set DIP-switch 1 to ON
- Now you can use the CA-8 remote to control the strobe.
 - [STAND BY] button (1) : used to switch ON and OFF the light output.
 - [FUNCTION] button (2) : single flash when pushed once shortly, continuous flashing when pushed continuously.
 - [MODE] button (3) : There are 3 modes available.
 - LED OFF : the BT-Strobe 1500 will show it's patterns audio triggered
 - LED BLINKING : press the [FUNCTION] button briefly to change the flashing speed. Push the [FUNCTION] button longer to change the dimming mode.
 - LED ON : press the [FUNCTION] button to choose the next pattern which will be running audio triggered.



MAINTENANCE

- Make sure the area below the installation place is free from unwanted persons during servicing.
- Switch off the unit, unplug the mains cable and wait until the unit has been cooled down.

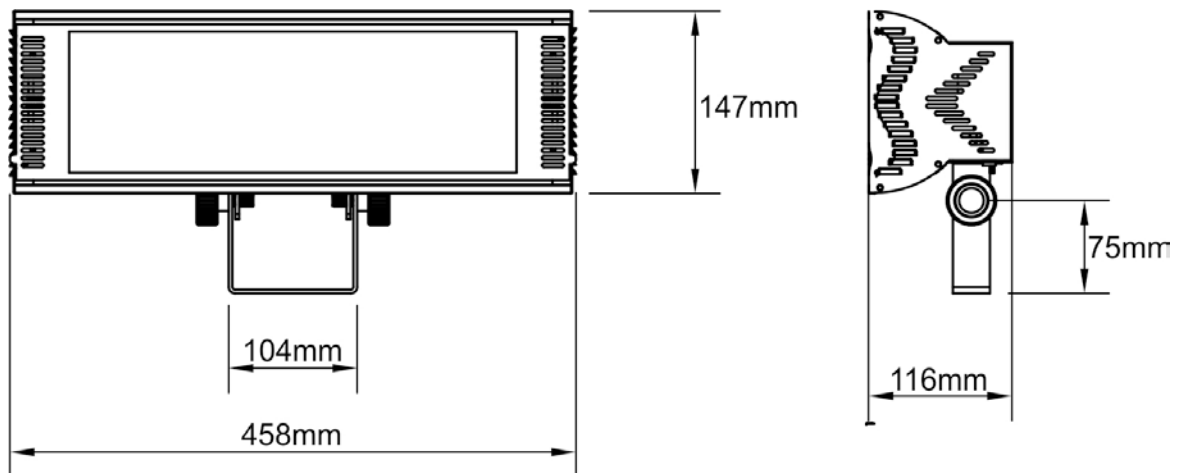
During inspection the following points should be checked:

- All screws used for installing the device and any of its parts should be tightly fastened and may not be corroded.
- Housings, fixations and installations spots (ceiling, truss, suspensions) should be totally free from any deformation.
- When an optical lens is visibly damaged due to cracks or deep scratches, it must be replaced.
- The mains cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.
- In order to protect the device from overheat the cooling fans (if any) and ventilation openings should be cleaned monthly.
- The interior of the device should be cleaned annually using a vacuum cleaner or air-jet.
- The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surroundings can cause greater accumulation of dirt on the unit's optics.
 - Clean with a soft cloth using normal glass cleaning products.
 - Always dry the parts carefully.
 - Clean the external optics at least once every 30 days.
 - Clean the internal optics at least every 90 days.

Attention: We strongly recommend internal cleaning to be carried out by qualified personnel!

SPECIFICATIONS

Mains Input:	AC 230V, 50Hz
Peak current:	15A
Power cable:	3x 2.5mm ²
Fuse:	15A automatic fuse
DMX connections:	3pin XLR male / female
DMX channels used:	2 channels
Lamp:	Xenon 1500W
Size:	458 x 147 x 116 mm
Weight:	3,58 kg



Every information is subject to change without prior notice

You can download the latest version of this user manual on our website: www.briteq-lighting.com



MAILING LIST

EN: Subscribe today to our mailing list for the latest product news!

FR: Inscrivez-vous à notre liste de distribution si vous souhaitez suivre l'actualité de nos produits!

NL: Abonneer je vandaag nog op onze mailinglijst en ontvang ons laatste product nieuws!

DE: Abonnieren Sie unseren Newsletter und erhalten Sie aktuelle Produktinformationen!

ES: Suscribete hoy a nuestra lista de correo para recibir las últimas noticias!

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