

lightmaXX FORGE 18 DMX Controller User Manual

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LightmaXX
DMX Controller FORGE 18



LIG00174960-000

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User Manual

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Important safety instructions! Please read before connection!



DANGER! (Electrical shock due to high voltages in the device)

The housing must not be removed! There are no parts to be maintained in the device.

Inside the unit there are components which are under high electrical voltage.

Before each use, check the device for damage or the absence of components, protective devices or housing parts. If this is the case, the device must not be used!

Leave maintenance and repair work to a qualified service workshop or contact your dealer. In the case of a malfunction of the device, operation must also be stopped immediately until the device has been repaired by a specialist!



DANGER! (Electric shock due to short circuit)

Modifications to the power cord or plug are prohibited. If the power cord is damaged, it must be replaced immediately with an original spare part from the manufacturer. Failure to do so may result in fire or death due to electric shock!



DANGER! (For babies and children)

Dispose of or store any packaging material properly! Packaging material must be kept out of the reach of babies and children due to the risk of suffocation.

Ensure that children never use the appliance unattended! In addition, make sure that children do not remove (small) parts from the device, as they could suffocate by swallowing parts!



WARNING! (Epilepsy)

Stroboscopic effects (flashes of light) can trigger seizures of epilepsy in some people.

Accordingly sensitive people should be warned and should not be in the vicinity of such devices.



Hint! (Fire hazard due to overheating)

The maximum permissible ambient temperature of this device is 40°C.

Ensure that the unit is placed in a well-ventilated location away from direct heat sources, naked flames, combustible materials, and liquids. A minimum distance of 1 m is required.

Do not tape or cover the ventilation slots of the unit.



Hint! (Operating conditions)

Due to its structural characteristics, the device is designed for indoor operation (IP20).

Never expose the device to rain, moisture or liquids as this may cause damage.

Vibrations, dust or sunlight can also cause damage, avoid them!



Hint! (Power supply)

It is essential that you check that the device voltage matches your local mains voltage. It is highly recommended that you fuse your mains socket with a residual current circuit breaker (FI).

If you do not use your device for a longer period of time or carry out maintenance work, disconnect the device from the mains in order to minimize danger. The same applies to storm conditions such as thunderstorms, floods, etc.



Hint! (Battery)

The indicated battery life depends strongly on the operating mode and the ambient temperature. In cold conditions, the runtime is significantly reduced. Fully charge the battery before using it for the first time. The Li-Ion battery contained in the device is subject to the requirements of the hazardous goods law. Special requirements regarding packaging and labelling must be observed during shipping. Here, a dangerous goods expert or a forwarding agent must be consulted when preparing the package. Please also observe any further national and international regulations.



Hint! (Error during data transmission)

Never connect the DMX input or output to audio devices such as power amplifiers or mixing consoles!

DMX cables enable trouble-free operation and the highest possible transmission reliability of signal data. Do not use microphone cables!



Hint! (Condensation)

To avoid condensation in the unit, the unit should adapt to the ambient temperature before commissioning.



Hint! (Unwanted odours)

A new product can sometimes lead to unwanted odours. This reaction is normal and disappears after a few

minutes.

Symbols on device and packaging:



The lightning flash symbol warns the user of uninsulated voltages and the risk of electric shock.



The exclamation mark symbol draws the user's attention to important maintains and operating instructions in the manual.



Only suitable for indoor use.



Read the manual

Please read and follow the warnings and recommendations carefully to ensure safe and trouble-free use.

Installation:

Be sure to check the unit for damage before use. Use the original packaging or a suitable transport or storage packaging to protect the product from dust, moisture, etc. when not in use.

The unit can be installed either upright or suspended. The device must always be attached to a solid, approved carrier or a suitable surface. Note the load limit of the selected installation position (e.g. for tripods).

The opening of the bracket must be used to fasten the device. Always provide a second, independent safety backup for the device, e.g. with a safety cable.

Work on the device (e.g. assembly) should always be carried out from a stable and permissible platform. Make sure that the area below you is closed off.



WARNING! (Risk of injury due to falling down)

Improper installation can cause considerable injury and damage!

The installation of the device should always be carried out by experienced personnel and must be carried out in compliance with the mechanical and electrical safety regulations in your country.

Please note that it is not possible to use this device with a dimmer!

Congratulations on your new Lightmaxx Forge 18!!

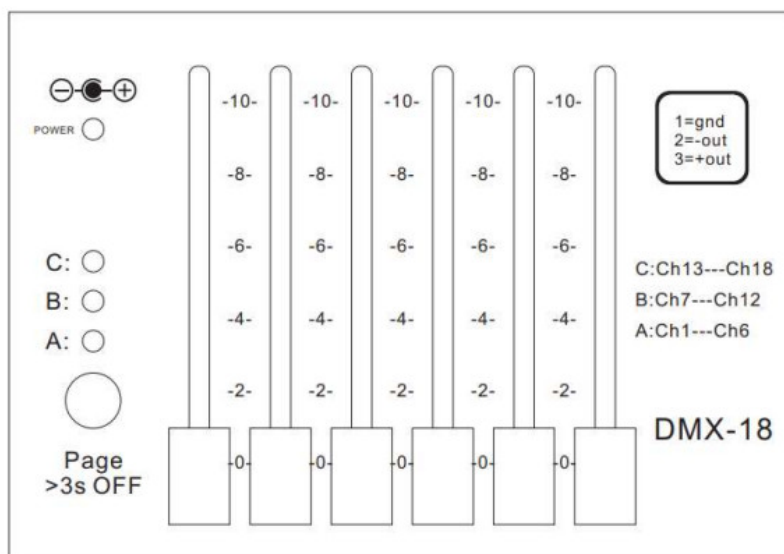
Thank you for choosing a Lightmaxx product. Through efficient development and economical production, Lightmaxx enables high quality products at a fantastic price.

Please read the instruction manual carefully to learn about all the features of this product and keep it for future use.

Have fun with your new product!

Your Lightmaxx Team

Guarantee:



The current general terms and guarantee conditions of the Music Store professional GmbH apply. You can view it at: www.musicstore.de

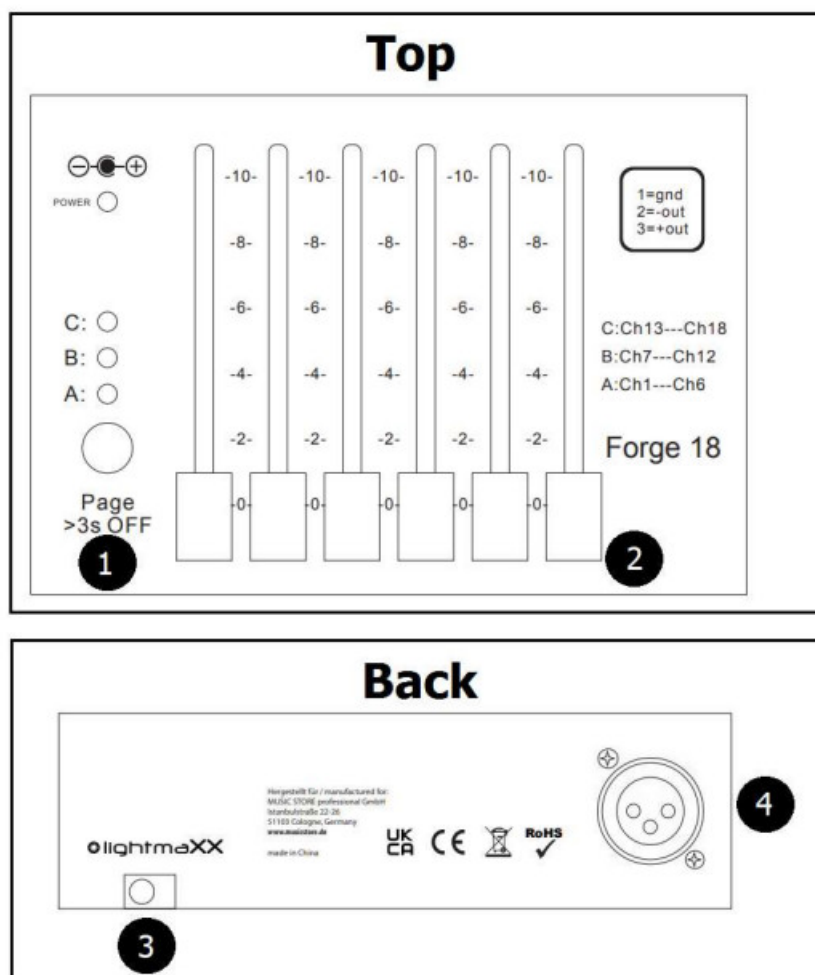
If you have any questions or suggestions, please contact us:

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Scope of delivery:

Content	Quantity
Forge 18	1
Power Supply	1
Manual	1

Connections and controls:



No	Description	No	Description
1	Page-Button	3	Power Supply Connection
2	Kanal-Fader	4	DMX- 3-Pol Connection

Intended use:

The Lightmaxx Forge 18 was designed for use as an electronic LED lighting effect. The device may only be used for this purpose and in accordance with the operating instructions. Other purposes as well as operation under other operating conditions are expressly not intended and can lead to damage to property or personal injury! No liability is assumed for damage resulting from improper use.

It must be ensured that the device is operated exclusively by trained and competent users who are in full possession of their mental, physical and sensory abilities. The use of other persons is expressly only permitted at the request of a person responsible for their safety, who instructs or supervises the use.

All connections of the device should be made before switching on. Only use high-quality cables that are as short as possible for the connections.

Battery Operation:

Before the device can be operated for the first time, the built-in battery must be fully charged. To charge the battery, connect the device to a power outlet using the supplied power cable. Thanks to the integrated charge protector, the battery cannot be overcharged. Nevertheless, disconnect the device from the mains after charging. The device heats up during charging; this is a normal process.

Charge a completely discharged battery as soon as possible to avoid damaging the battery by deep discharge. Do not store the device with a completely discharged battery and recharge it regularly if it has been stored for a long time.

The battery operating time depends on the ambient temperature

To extend the battery life, it is recommended to recharge the controller every 45 days

Press the black button on the unit to turn it on or off

Set up:

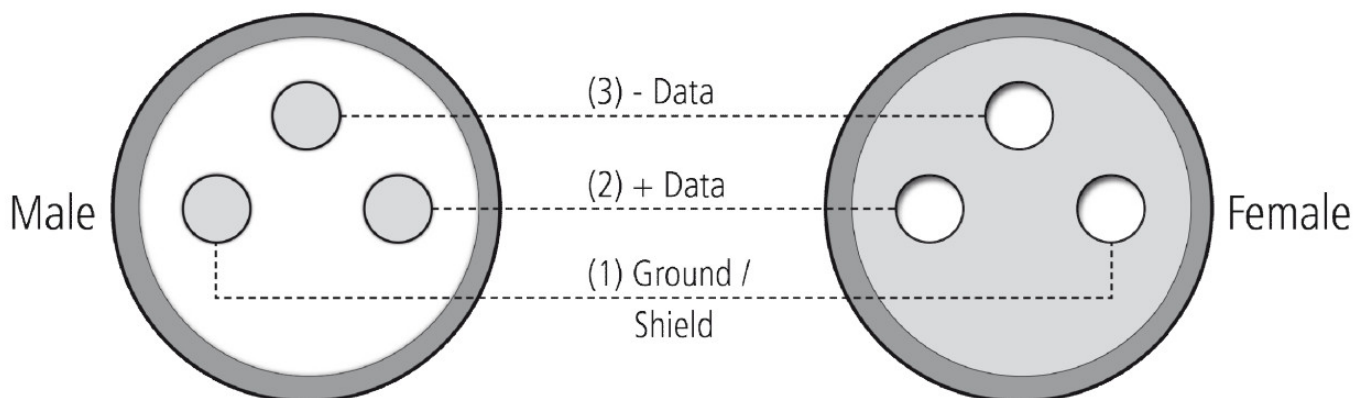
Connect the device to the mains and wait a few seconds until it is ready for operation.

Operating mode DMX:

Connect the DMX input of your device to the DMX output of your DMX controller, your DMX software or the DMX output of a device already in your DMX line. Always use a DMX cable with a 110 Ohm resistor for this connection. Address the device according to your DMX configuration. The following table shows the respective DMX modes of the individual devices with the corresponding values and functions:

For ideal operation in a DMX chain, it is recommended to use a terminating resistor at the end of each DMX chain. The terminating resistor is usually soldered with 120Ω between — Data and + Data to prevent signal reflections.

Configuration of the DMX connector:



Battery Operation:

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The device heats up during charging; this is a normal process.

Charge a completely discharged battery as soon as possible to avoid damaging the battery by deep discharge. Do not store the device with a completely discharged battery and recharge it regularly if it has been stored for a long time.

The battery operating time depends on the ambient temperature

To extend the battery life, it is recommended to recharge the controller every 45 days

Press the black button on the unit to turn it on or off.

Service:

The Lightmaxx Forge 18 is a “small” controller with a built-in lithium battery that can run for over 100 hours when fully charged. To guarantee battery life, we recommend charging the controller once every 45 days when it is not in use

Installation:

Operation without power supply:

- When charged, the device does not have to be operated from the mains.
- When power on, the LED at Page A will flash, Page A will not output any signal when power on.
- After 30 seconds without a DMX signal output, the device switches off.
- The DMX channels 1-18 can be changed via controls 1-6 in relation to the page button AC (see table)

Pag	Fader 1	Fader 2	Fader 3	Fader 4	Fader 5	Fader 6
A	Chanel 1	Chanel 2	Chanel 3	Chanel 4	Chanel 5	Chanel 6
B	Chanel 7	Chanel 8	Chanel 9	Chanel 10	Chanel 11	Chanel 12
C	Chanel 13	Chanel 14	Chanel 15	Chanel 16	Chanel 17	Chanel 13

- To switch off the device, press the power button for at least 3 seconds.

Operation with power pack:

- Operation with the mains unit is only for charging the built-in lithium battery.
- If you press the power button for at least 3 seconds, you restart the device.
- When you pull out the power supply unit, the device switches off automatically.

The charge status is displayed during operation via the power LED.

If the Power LED lights up repeatedly, the device is charging.

If the Power LED lights up continuously, the device is charged.

Troubleshooting:

The following overview serves as an aid for quick troubleshooting. If you are unsure, contact the manufacturer, the dealer or the corresponding specialist personnel. Never open the device on your own!

Symptom	Troubleshooting
No function	Check the charge status
No reaction in DMX operation	Check the cable connections
	Check your DMX address setting
	If available, try an alternative DMX controller

If the specified corrections have not led to success, please contact our service staff. The contact details can be found at www.musicstore.de

Cleaning:

Regular cleaning of the device from dirt and dust increases the shelf life of the product. Always disconnect the device from the power supply before cleaning it! Never clean the appliance wet! Optical lenses should be cleaned with a dry microfiber cloth to optimize light output. Ventilation grilles and openings should always be cleaned of dust and dirt. Suitable compressed air sprays are recommended for this application.

Environmental protection:

The company MUSIC STORE professional GmbH always strives to reduce the burden of packaging to a minimum. The use of environmentally friendly and recyclable materials is of fundamental importance to us. Please dispose of and recycle the packaging components after use properly.



Disposal of packaging:

Ensure that paper packaging, plastic materials, etc. are separately recycled. Observe the corresponding disposal instructions on the packaging.



Disposal of batteries:

Batteries do not belong in the garbage! Please keep batteries in accordance with the official collection points or disposal stations in accordance with the specifications.



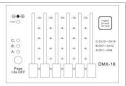
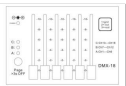
Disposal of your old device:

Do not dispose of the device with household waste! This device is subject to the WEEE Directive (Waste Electrical and Electronic Equipment) in its currently valid version.

The device will be disposed of by an approved waste disposal company or your local waste disposal office. The regulations valid in your country must be observed

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Documents / Resources

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References

- [🔗 Music Store Online-Shop für Musikinstrumente | MUSIC STORE professional](#)