



ADVANCED TATTOO EQUIPMENT

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# OBELISK

DC TATTOO POWER SUPPLY  
ADAPTER FOR LACENANO

User manual ENGLISH



**LACENANO tattoo machines use brushless motor technology and because of that they do no run on standard DC tattoo power supplies.**

With the help of a **LACENANO Obelisk adapter** you can run LACENANO tattoo machines on any standard DC tattoo power supply.

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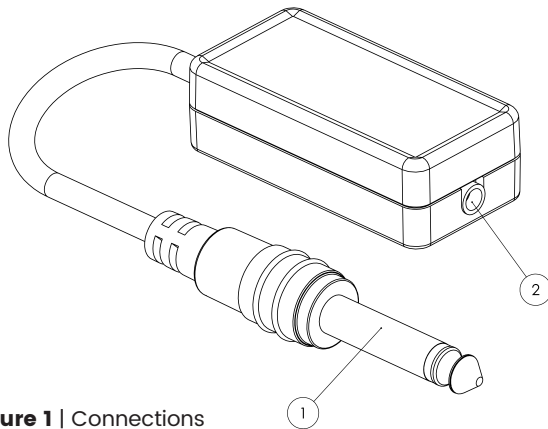
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## 1 | Connections

**WARNING: BEFORE FIRST USE CHECK THAT YOUR POWER SUPPLY USES OUTPUT VOLTAGE POLARITY: POSITIVE TIP, NEGATIVE SLEEVE. REVERSED POLARITY WILL RESULT IN DAMAGE TO THIS PRODUCT AND WILL VOID THE WARRANTY!**



**Figure 1** | Connections

Before plugging in the Obelisk adapter set output voltage on your tattoo power supply between 4V and 8V. Plug the 1/4" mono plug (Figure 1, no. 1) into your power supply. Plug one end of a standard 3.5mm stereo LACENANO cable into the 3.5mm output socket (Figure 1, no. 2) and the other end into your LACENANO tattoo machine.

## 2 | Usage

The Obelisk adapter works with a voltage input between 4V and 8V. Exceeding this voltage will shut the machine down. Different types of LACENANO machines work with different voltage ranges (see table 1). Before use make sure you have set the correct output voltage on your power supply. **Even if inside the operating voltage range your tattoo machine may run inconsistently if too low or too high of a voltage is set.**

After everything is plugged in and you set the correct operating voltage you have to send power to the Obelisk adapter from power supply with your foot pedal, just like when turning on any other tattoo machine.

LACEnano machine type	Minimum recommended voltage	Maximum recommended voltage
Magnetic*	5V	8V
Direct drive	4V	6V

\*Minimum and maximum operating voltage may vary depending on your machine settings.

**WARNING: RAISING THE INPUT VOLTAGE OVER 10V WILL RESULT IN DAMAGE TO THIS PRODUCT AND WILL VOID THE WARRANTY!**

### 3 | Common problems

**Machine won't start**

- not connected properly
- voltage in not between 4V–8V

**Machine stops mid work  
(voltage is set around 8V)**

Over voltage protection; lower the voltage.

**Machine stops mid work  
(low speed)**

Depending on your machine settings you either need to change machine settings or raise the voltage.

**Machine is not running  
consistently (high speed)**

Lower the voltage.

**Machine is not running  
consistently (low speed)**

Raise the voltage

### 4 | General Care and Cleaning

Do not store or leave the power supply exposed to direct sunlight for long periods of time. Do not drop or disassemble the power supply to avoid damaging your power supply and voiding the warranty.

To clean the exterior surfaces, preform the following steps:

- 1 Disconnect all connections from the power supply.
- 2 Clean with moist soft cloth with a mild detergent, alcohol or water.

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**CAUTION**

- To avoid damage to the power supply, do not expose it to caustic liquids.
- To avoid injury resulting from short circuit, make sure the power supply is completely dry before reconnecting to power source.




## 5 | Information

For all additional information, contact us through the contact form on our website **www.laceno.com** or send an email directly to **rotary@laceno.com**.

### What else can you find on our **website**?

- Webshop with additional products
- News about LACEnano advanced tattoo equipment
- Frequently asked questions
- Tips on LACEnano equipment usage
- Video gallery of tattoos made with LACEnano
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