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› [FK IRONS](#) /

› [FK Irons EXO Black Ops Rotary Tattoo Machine User Manual](#)

FK IRONS 00801-10-MBK-3.2

FK Irons EXO Black Ops Rotary Tattoo Machine

USER MANUAL - MODEL: 00801-10-MBK-3.2

INTRODUCTION

The FK Irons EXO Black Ops is a state-of-the-art rotary tattoo machine designed for professional artists. This versatile machine offers both traditional RCA wired operation and wireless functionality via the included PowerBolt battery packs. Engineered for precision and comfort, the EXO Black Ops is suitable for a wide range of tattooing styles, including bold lining, color packing, and solid color work.

This manual provides essential information on the setup, operation, maintenance, and specifications of your FK Irons EXO Black Ops tattoo machine to ensure optimal performance and longevity.

SAFETY INFORMATION

For experienced or professional tattoo use only.

Always ensure the work area and all equipment are thoroughly sterilized before beginning any tattooing procedure. This device is intended for external use only in a professional tattooing environment.

Adhere to all local and national health and safety regulations pertaining to tattooing practices. Improper use or lack of sterilization can lead to serious health risks.

SETUP

The FK Irons EXO Black Ops features a modular design, allowing for flexible setup options.

Components Overview



The FK Irons EXO Black Ops machine shown with its two accompanying PowerBolt battery packs, illustrating the complete kit.



A direct front view of the FK Irons EXO Black Ops tattoo machine, highlighting its sleek design and ergonomic grip.



A side profile of the FK Irons EXO Black Ops machine, showcasing its contoured body and connection point.



Detailed view of the ergonomic 40mm grip, designed for comfort during extended tattooing sessions.

Connecting the Power Source

The EXO Black Ops can be powered in two ways:

- **Wireless Operation (with PowerBolt):** Detach the RCA adapter from the machine. Align the PowerBolt battery pack with the machine's connection point and twist to secure it. Ensure a firm connection. The PowerBolt provides up to 10 hours of wireless tattooing.
- **Traditional Wired Operation (with RCA Adapter):** Attach the RCA adapter to the machine. Connect a standard RCA cable from your power supply to the RCA adapter.

THE SUM OF ITS PARTS



Ideal for lining, colot packing, and solid color works.

It takes less passes to saturate ink, reducing skin trauma.

Visual representation of the two power options: wireless with PowerBolt and traditional wired with RCA adapter.

Assembling the Machine

- Ensure the machine is clean and sterilized before assembly.
- Attach your preferred cartridge needle to the machine's needle bar.
- Adjust the needle depth by rotating the grip. The 40mm ergonomic grip is designed for comfort and control.

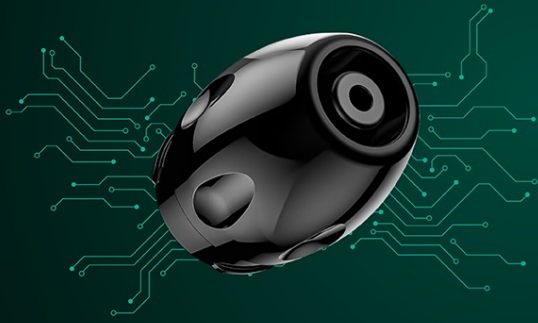
THE SUM OF ITS PARTS



A larger, 40 mm **ergonomic grip delivers control & comfort**, while the forward weighted design aides the artist with downward needle pressure.

An illustration highlighting the ergonomic grip and its contribution to control and comfort during use.

THE SUM OF ITS PARTS



Powerful, 9-watt brushless motor with reverse polarity protection in the RCA module for motor safety.

A visual emphasizing the powerful 9-watt brushless motor, equipped with reverse polarity protection for enhanced motor safety.

OPERATING INSTRUCTIONS

The FK Irons EXO Black Ops is designed for optimal performance across various tattooing techniques.

Powering On/Off

- **With PowerBolt:** Press and hold the power button on the PowerBolt until the indicator lights illuminate. To turn off, press and hold the power button again.
- **With RCA:** Connect to your external power supply and activate the power supply as per its instructions.

Adjusting Voltage/Speed

- **With PowerBolt:** Use the up/down arrows on the PowerBolt to adjust the voltage. The LED indicators will show the current voltage setting.
- **With RCA:** Adjust the voltage directly on your external power supply.

Tattooing Techniques

The 3.2mm stroke length of this model is highly effective for:

- **Lining:** Provides crisp, clean lines with minimal passes.
- **Color Packing:** Efficiently saturates ink, reducing skin trauma and ensuring vibrant, solid color application.
- **Solid Color Work:** Delivers consistent and even pigment distribution.

AVAILABLE OPTIONS



STEALTH*



BLACK OPS*



CAMO*

3 STROKE OPTIONS AVAILABLE



*ALL MACHINES CAN BE PURCHASED INDIVIDUALLY,
OR WITH INCLUDED POWERBOLTS

An illustration demonstrating the machine's effectiveness for lining, color packing, and solid color work, emphasizing reduced passes for ink saturation and less skin trauma.

ENGINEERING THE FUTURE OF TATTOOING, TODAY.

Established in 2007,
FK Irons is **a leading
manufacturer of
state-of-the-art tattoo
machines worldwide.**
Many top, international
artists wield FK Irons'
machines as their
first choice.



A professional artist's hand demonstrating the comfortable grip and handling of the FK Irons EXO machine during a tattooing session.



MADE IN THE USA

FK Irons relentlessly pushes to incorporate advanced technology into our machines to the benefit of the artist.

Another perspective of the FK Irons EXO machine in use, highlighting its compact design and ease of maneuverability.

MAINTENANCE

Proper maintenance is crucial for the longevity and performance of your FK Irons EXO Black Ops machine.

- **Cleaning:** After each use, thoroughly clean the machine's exterior with a suitable disinfectant wipe. Do not immerse the machine in liquids.
- **Sterilization:** Ensure all components that come into contact with skin or ink are properly sterilized according to professional tattooing standards.
- **Lubrication:** The internal motor is maintenance-free. Do not attempt to lubricate internal components unless specifically instructed by FK Irons support.
- **Storage:** Store the machine in a clean, dry, and safe environment when not in use. Protect it from extreme temperatures and physical impact.
- **Battery Care (PowerBolt):** Charge PowerBolt batteries regularly. Avoid fully discharging them for extended periods.

Store batteries in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your FK Irons EXO Black Ops machine, consider the following common solutions:

- **Machine Not Turning On:**
 - Ensure PowerBolt is fully charged and securely attached, or that the RCA cable is properly connected to a functioning power supply.
 - Check for any visible damage to the PowerBolt or RCA adapter.
- **Inconsistent Performance:**
 - Verify that the needle cartridge is correctly seated and not damaged.
 - Check the voltage setting on your PowerBolt or external power supply.
 - Ensure the machine is clean and free of any debris or dried ink that might impede movement.
- **Unusual Noise or Vibration:**
 - This could indicate a loose component or a damaged needle cartridge. Disassemble, inspect, and reassemble carefully.
 - If the issue persists, discontinue use and contact customer support.

For persistent issues or problems not covered here, please contact FK Irons customer support.

SPECIFICATIONS

Detailed specifications for the FK Irons EXO Black Ops rotary tattoo machine:

Feature	Detail
Model Number	00801-10-MBK-3.2
Product Dimensions	1.62 x 1.62 x 4.62 inches
Weight	6.8 ounces
Stroke Length	3.2mm
Motor	9W Brushless Motor
Grip Diameter	40mm (Ergonomic)
Power Options	RCA (wired) or PowerBolt (wireless)
Battery Type	Lithium Ion (2 included)
Wireless Battery Run Time	Up to 10 hours (with PowerBolt)
Manufacturer	FK Irons
UPC	810034255976
ASIN	B0B7CF4GGJ

MACHINE COMPARISON CHART

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ONE

**FLUX
MAX**

FLUX

∞

MACHINE SPECIFICATIONS	Stroke (s) Available	3.0, 4.0	3.2, 4.0, 4.5	4.0	2.5, 3.2, 4.0
	Standard incl. Battery	Drop in battery cell	Powerbolt II	Powerbolt	RCA-Wired or Powerbolt
	Battery Run Time	5-6 hours	5-6 hours	5-6 hours	5-6 hours
	Grip	Reverse Taper 33-38mm	Forward-Weighted 33-38mm	Classic 33mm	Forward-Weighted 40mm
	Weight	6.2oz / 176g	7.2oz / 206g	6.3oz / 181g	6.6oz / 189g
	Length	128mm	126.5mm	124.5mm	124.5mm
BATTERY COMPATIBILITY	Powerbolt	X	✓	✓	✓
	Powerbolt II	X	✓	✓	✓
	Powerbolt II+	X	✓	✓	✓
	Killswitch	X	✓	X	X







A detailed comparison chart outlining specifications for various FK Irons tattoo machines, including the EXO model, providing a broader context of its features.

WARRANTY AND SUPPORT

FK Irons products are manufactured to the highest standards. For specific warranty details, please refer to the warranty card included with your product or visit the official FK Irons website.

For technical support, service, or inquiries, please contact FK Irons customer service. You can find more information and contact details on the [FK Irons Brand Store on Amazon](#) or their official website.

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 <p>2021</p>	<p>FK Irons EXO Cartridge Machine User Manual</p> <p>Comprehensive user manual for the FK Irons EXO modular cartridge tattoo machine, detailing its features, operation, maintenance, warranty, and troubleshooting.</p>
 <p>2021</p>	<p>PowerBolt USB Battery User Manual - FK Irons</p> <p>Comprehensive user manual for the FK Irons PowerBolt USB Battery, detailing features, operation, eGive adjustment, troubleshooting, and specifications for tattoo artists.</p>
 <p>2018</p>	<p>Spektra Halo 2 Crossover Machine User Manual - FK Irons</p> <p>Comprehensive user manual for the FK Irons Spektra Halo 2 Crossover Machine, covering package contents, machine features, parts identification, assembly, operation, stroke adjustment, voltage recommendations, lubrication, and warranty information.</p>
 <p>2018</p>	<p>Spektra Edge X Cartridge Machine User Manual FK Irons</p> <p>Comprehensive user manual for the FK Irons Spektra Edge X tattoo machine. Learn about its features, stroke adjustment, give control, lubrication, drive pin system, vise compatibility, and warranty.</p>
 <p>2021</p>	<p>FK Irons Spektra Flux Cartridge Machine User Manual</p> <p>User manual for the FK Irons Spektra Flux wireless pen style cartridge machine. Covers safety, machine overview, grip, body, PowerBolt, USB-C connection, needle depth adjustment, eGive, maintenance, and troubleshooting.</p>
 <p>2022</p>	<p>FK Irons Flux Max User Manual: Operation, Features, and Troubleshooting</p> <p>Comprehensive user manual for the FK Irons Flux Max wireless tattoo machine. Learn about its features, operation, safety, specifications, and troubleshooting. Includes PowerBolt II details and usage guidance.</p>