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### FK IRONS 00801-00-BLK-3.2

## FK Irons EXO Modular Rotary Tattoo Machine Pen - User Manual

Model: 00801-00-BLK-3.2

## PRODUCT OVERVIEW

The FK Irons EXO is a versatile modular rotary tattoo machine designed for professional use. It offers the flexibility to switch between a traditional RCA connection and a wireless battery-operated setup, providing artists with enhanced freedom and control.



Front view of the FK Irons EXO Modular Rotary Tattoo Machine Pen in Stealth color.



Side view of the FK Irons EXO machine, highlighting its ergonomic design.



Detail of the EXO machine's grip, designed for comfort during extended use.

## Key Features:

- **Modular Design:** Easily switch between RCA and wireless PowerBolt battery connection.
- **Powerful Motor:** Equipped with a 9W brushless motor for consistent performance.
- **Ergonomic Grip:** Features a large 40mm grip for enhanced comfort during long sessions.
- **Versatile Application:** Ideal for bold lining work, color packing, and solid color applications.
- **Reduced Skin Trauma:** Designed to saturate ink efficiently, minimizing trauma to the skin.

## SAFETY INFORMATION

This product is intended for professional tattoo use only. Adherence to proper sterilization and safety protocols is paramount to prevent injury and infection.

- For external use only.
- Ensure the work area and all equipment are thoroughly sterilized before beginning any tattoo procedure.

- Always follow local and national health and safety guidelines for tattooing.

## SETUP

The FK Irons EXO offers flexible setup options, allowing you to choose between a traditional wired connection or a wireless battery setup.



Exploded view of the FK Irons EXO components, showing the RCA module, PowerBolt battery, and the main body/grip.

## OPTIONS ARE YOURS

DETACH THE RCA ADAPTER WITH A SIMPLE QUARTER-TURN  
AND GO WIRELESS WITH THE POWERBOLT BATTERY PACK

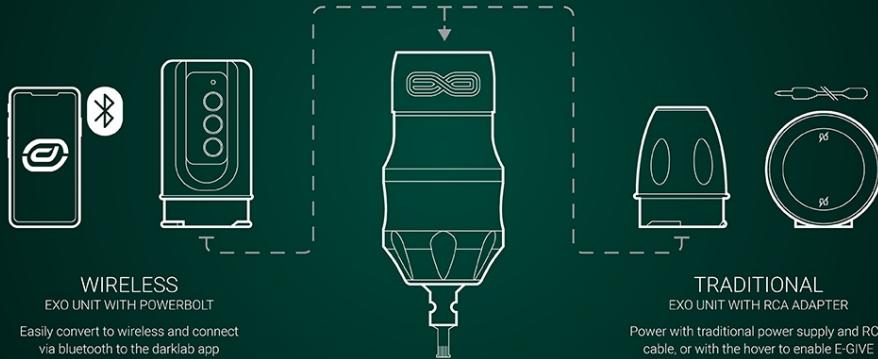


Diagram illustrating the two primary setup configurations: wireless with PowerBolt and traditional with RCA adapter.

## Assembly Instructions:

- 1. Prepare the Machine:** Ensure all components are clean and sterilized before assembly.
- 2. Choose Connection Type:**
  - For **Wireless Operation**: Attach the PowerBolt battery pack (sold separately) to the main body of the machine. Ensure it clicks securely into place.
  - For **Wired Operation**: Attach the RCA module to the main body of the machine. Connect your RCA cable from a compatible power supply to the RCA module.
- 3. Attach Grip:** Securely twist the ergonomic grip onto the machine body.
- 4. Insert Cartridge Needle:** Insert your desired cartridge needle into the machine. Ensure it is properly seated and locked.
- 5. Adjust Needle Depth:** Rotate the grip to adjust the needle depth to your preference. The ratcheted system provides precise control.

## OPERATING INSTRUCTIONS

Operating the FK Irons EXO is straightforward, whether you are using the wireless PowerBolt or a traditional RCA connection.

### PowerBolt Operation (Wireless):

- 1. Charge PowerBolt:** Ensure your PowerBolt battery pack is fully charged via its USB-C port before use. A full charge provides up to 10 hours of tattooing.
- 2. Power On:** Press and hold the power button on the PowerBolt to turn the machine on. The LED indicator will illuminate.
- 3. Adjust Voltage:** Use the up and down arrows on the PowerBolt to adjust the voltage to your desired setting. The LED display indicates the current voltage.
- 4. Bluetooth Connectivity:** The PowerBolt can connect via Bluetooth to the Darklab app for additional controls and firmware updates.
- 5. Power Off:** Press and hold the power button to turn the machine off when finished.

### RCA Operation (Wired):

- Connect Power Supply:** Connect your RCA cable from a compatible tattoo power supply to the RCA module on the machine.
- Power On/Adjust:** Control the machine's power and voltage directly from your external power supply.

## General Usage Tips:

- The 9-watt brushless motor provides consistent power for various tattooing styles.
- The forward-weighted design aids in applying downward needle pressure, which is beneficial for lining and color packing.
- The machine is designed to take fewer passes to saturate ink, contributing to reduced skin trauma.



The FK Irons EXO is optimized for efficient ink saturation, reducing the need for multiple passes and minimizing skin trauma.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your FK Irons EXO machine.

- Cleaning:** After each use, thoroughly clean the exterior of the machine with a suitable disinfectant. Do not immerse the machine in liquids.
- Sterilization:** Ensure all parts that come into contact with skin or ink are properly sterilized according to professional tattooing standards.
- Lubrication:** Refer to the official FK Irons website or support documentation for specific lubrication requirements, if any.
- Storage:** Store the machine in a clean, dry, and safe environment when not in use.
- PowerBolt Care:** Keep the PowerBolt battery pack charged and avoid extreme temperatures.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your FK Irons EXO machine.

Problem	Possible Cause	Solution
Machine not turning on (PowerBolt)	Battery is depleted; PowerBolt not securely attached.	Charge the PowerBolt battery; Ensure PowerBolt is fully seated and clicked into place.

Problem	Possible Cause	Solution
Machine not turning on (RCA)	RCA cable or power supply issue; RCA module not securely attached.	Check RCA cable and power supply connections; Ensure RCA module is fully seated.
Inconsistent needle movement	Needle cartridge not properly seated; Low voltage setting.	Re-seat the needle cartridge; Increase voltage setting on PowerBolt or external power supply.
Machine feels hot during operation	Prolonged continuous use; High voltage setting.	Allow the machine to cool down; Consider reducing voltage if performance is not affected.

If you encounter issues not listed here, please contact FK Irons customer support for assistance.

## SPECIFICATIONS

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Detailed technical specifications for the FK Irons EXO Modular Rotary Tattoo Machine Pen.

Feature	Detail
Model Number	00801-00-BLK-3.2
Stroke Length	3.2mm (This specific model)
Motor	9-watt Brushless Motor
Connection Type	Modular (RCA & Wireless PowerBolt compatible)
Grip Diameter	40mm Ergonomic Grip
Dimensions	1.62 x 1.62 x 4.62 inches
Weight	6.8 ounces
PowerBolt Battery Life	Up to 10 hours (with PowerBolt, sold separately)
UPC	810034255884
Manufacturer	FK Irons

# MACHINE COMPARISON CHART

FKIRONS.COM



	FK Irons	ONE	MAX	FLUX	EXO
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	

Comparison chart detailing specifications across various FK Irons tattoo machine models, including the EXO.

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact FK Irons directly.

- Official Website:** Visit the official FK Irons website for the most up-to-date warranty terms and conditions.
- Customer Service:** Contact FK Irons customer support for troubleshooting assistance, repair services, or general inquiries.
- Product Registration:** Consider registering your product on the FK Irons website to receive important updates and warranty benefits.

FK Irons is a leading manufacturer of state-of-the-art tattoo machines worldwide, established in 2007.

## Related Documents - 00801-00-BLK-3.2

 2021	<p><a href="#">FK Irons EXO Cartridge Machine User Manual</a></p> <p>Comprehensive user manual for the FK Irons EXO modular cartridge tattoo machine, detailing its features, operation, maintenance, warranty, and troubleshooting.</p>
 2018	<p><a href="#">Spektra Halo 2 Crossover Machine User Manual - FK Irons</a></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>
 CONTINUOUSLY ADJUSTABLE STROKE	<p><a href="#">UNI-B Wireless Tattoo Pen Instruction Manual</a></p> <p>Comprehensive guide for the AVA UNI-B wireless tattoo pen, covering technical specifications, control functions, OLED screen operation, stroke and needle adjustments, and essential safety warnings for tattoo artists.</p>
 QUICK START GUIDE	<p><a href="#">Critical Torque Tattoo Machine Quick Start Guide</a></p> <p>Quick start guide for the Critical Torque tattoo machine by Critical Tattoo Supply, detailing features, battery basics, display layout, settings, and session/run menus. Learn how to use your Critical Torque pen machine effectively.</p>
 2018	<p><a href="#">Spektra Edge X Cartridge Machine User Manual   FK Irons</a></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>
 2021	<p><a href="#">FK Irons Spektra Flux Cartridge Machine User Manual</a></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>

