WOLFBOX Megavolt 16 and Megavolt 24

WOLFBOX Megavolt 16 & Megavolt 24 User Manual

Portable Jump Starter & Power Bank

1. INTRODUCTION

Thank you for choosing the WOLFBOX Megavolt 16 or Megavolt 24 Portable Jump Starter. This device is designed to provide reliable power for starting vehicles and charging electronic devices. Please read this manual carefully before use to ensure proper operation and safety.

2. PRODUCT CONTENTS

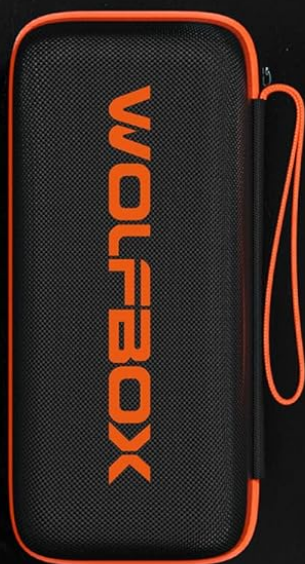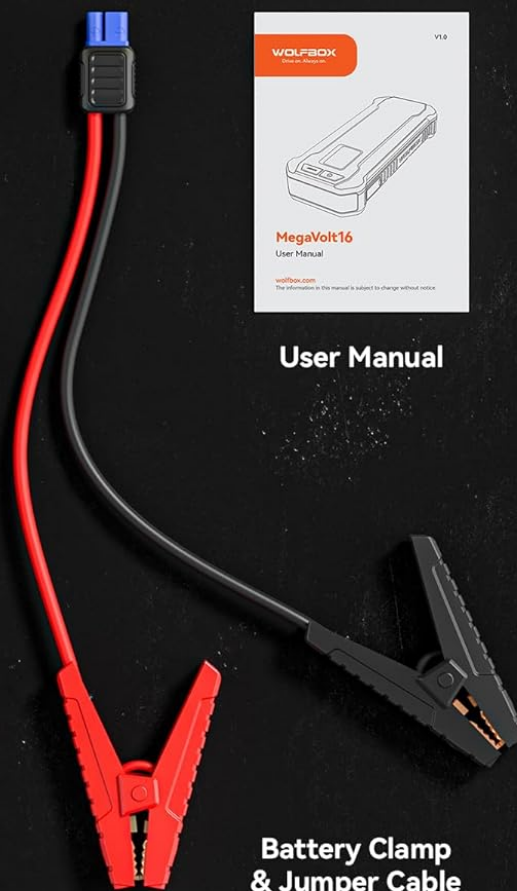The following items are included in your WOLFBOX Megavolt package:

Image: All components included in the WOLFBOX Megavolt package.

- WOLFBOX Jump Starter Host (Megavolt 16 or Megavolt 24)
- Battery Clamp & Jumper Cable
- USB-C to USB-C Fast Charge Cable
- EVA Storage Bag
- User Manual

3. SPECIFICATIONS

Feature	Description
Model Compatibility (Megavolt 16)	Petrol cars under 8L, Diesel cars under 6L (12V systems)
Model Compatibility (Megavolt 24)	All Petrol and Diesel cars under 10L (12V systems)
Charging Port	1 * 65W Type-C In/Out Port
Output Ports	1 * QC3.0 USB-A Port, 1 * 65W Type-C In/Out Port
Flashlight	200-Lumen LED (SOS, Strobe, High-Beam modes)
Protection Rating	IP64
Safety Protections	10 types, including spark-proof, low-temperature, high-temperature
Vehicle Service Type	Passenger Car, Van, Truck

4. SETUP

4.1 Initial Charging

Before first use, fully charge your WOLFBOX Megavolt jump starter. Connect the provided USB-C cable to the 65W Type-C port on the device and to a compatible 65W charging adapter (not included). The device fully charges in approximately one hour.

Image: The WOLFBOX Megavolt unit being fast-charged via its USB-C port.

4.2 Understanding the Display

The large screen provides clear indicators for the device's status:

Image: Detailed view of the WOLFBOX Megavolt's clear digital display.

- **Battery Percentage:** Shows the current charge level.
- **START:** Indicates the device is ready to jump start.
- **OUT:** Indicates power is being output (e.g., charging a phone).
- **IN:** Indicates the device is being charged.
- **LOW:** Indicates low voltage, suggesting use of the Boost function.
- **ERROR:** Indicates a connection issue or fault. Refer to troubleshooting.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting a Vehicle

Follow these steps to safely jump start your vehicle:

Image: The WOLFBOX Megavolt jump starter connected to a vehicle battery.

1. Ensure the jump starter is sufficiently charged (preferably above 50%).
2. Connect the red (+) clamp of the jumper cable to the positive (+) terminal of the vehicle's battery.
3. Connect the black (-) clamp of the jumper cable to the negative (-) terminal of the vehicle's battery.
4. Plug the jumper cable connector into the jump starter's port.
5. Wait for the jump starter's display to show "START" (green light).
6. Start your vehicle's engine.

7. Once the engine starts, immediately disconnect the jumper cable from the jump starter, then remove the clamps from the vehicle battery (black first, then red).

Important: Do not leave the jump starter connected to the battery after the vehicle has started.

5.2 Using the Booster Function

If the vehicle battery voltage is extremely low, the jump starter may display "LOW". In this situation, press the "BOOST" button on the jump starter. This will force a higher current output to assist in starting. Use this function only when necessary and follow the jump starting steps carefully.

5.3 Charging Electronic Devices

The WOLFBOX Megavolt can also serve as a power bank for your electronic devices:

- Connect your device (phone, tablet, laptop) to the jump starter using the appropriate USB-C or QC3.0 USB-A port.
- The jump starter will automatically begin charging your device. The display will show "OUT".

6. LED FLASHLIGHT

The integrated 200-lumen LED flashlight provides illumination in various situations. It features multiple modes:

Image: The WOLFBOX Megavolt's powerful 200-lumen LED flashlight in use.

- **High-Beam:** For general illumination.
- **SOS:** Flashes the international Morse code signal for distress.
- **Strobe:** Rapid flashing for signaling or disorienting.

To cycle through modes, press the flashlight button repeatedly. To turn off, press and hold the button.

7. SAFETY FEATURES AND PROTECTIONS

The WOLFBOX Megavolt jump starter is built with robust safety features to ensure reliable and safe operation:

Image: Overview of the WOLFBOX Megavolt's comprehensive security features.

- **IP64 Protection:** Ensures resilience against dust and water splashes, making it suitable for harsh environments.
- **Spark-Proof:** Prevents sparks during connection, enhancing safety.
- **Reverse Polarity Protection:** Protects against incorrect connections to battery terminals.
- **Over-Current Protection:** Prevents damage from excessive current draw.
- **Over-Voltage Protection:** Safeguards against voltage surges.
- **Low-Temperature Protection:** Ensures safe operation in cold conditions (down to -4°F).
- **High-Temperature Protection:** Prevents overheating during operation.
- **Short-Circuit Protection:** Automatically shuts off in case of a short circuit.

- **Over-Charge Protection:** Prevents battery damage from overcharging.

- **Over-Discharge Protection:** Protects the internal battery from deep discharge.

Image: The WOLFBOX Megavolt demonstrating its IP64 and cold-resistant capabilities.

8. MAINTENANCE

- Store the jump starter in a cool, dry place away from direct sunlight and extreme temperatures.

- Recharge the device every 3-6 months, even if not used, to maintain battery health.

- Clean the casing with a soft, damp cloth. Do not use harsh chemicals or abrasives.

- Keep the charging ports and clamp connectors free of dust and debris.

9. TROUBLESHOOTING

If you encounter issues with your WOLFBOX Megavolt, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on	Battery is completely discharged.	Charge the device fully.
"ERROR" indicator on display	Incorrect clamp connection (reverse polarity), short circuit, or internal fault.	Check clamp connections (+ to +, - to -). Disconnect and reconnect. If error persists, contact support.
Vehicle does not start after connecting	Vehicle battery is extremely low, or jump starter charge is insufficient.	Ensure jump starter is fully charged. Use the "BOOST" function if the display shows "LOW". Check vehicle battery health.
Device not charging	Charging cable or adapter issue, or port obstruction.	Ensure cable is securely connected. Try a different 65W USB-C adapter and cable. Check port for debris.

10. WARRANTY AND CUSTOMER SUPPORT

Your WOLFBOX Megavolt Portable Jump Starter comes with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For any product-related inquiries, installation assistance, or usage questions, please contact WOLFBOX customer service. We offer 24/7 support to ensure your satisfaction.

Contact Information:

- Refer to the contact details provided in your product packaging or on the official WOLFBOX website.

Related Documents - Megavolt 16 and Megavolt 24

[WOLFBOX Jump Starter with Air Compressor User Manual](#)
Comprehensive user manual for the WOLFBOX Jump Starter with Air Compressor, covering models MegaVolt 16 Air and MegaVolt 24 Air. Learn about features, operation, safety precautions, and troubleshooting.

WOLFBOX Dare to Go Everywhere V1.1 Jump Starter with Air Compressor MegaVolt 16 Air / MegaVolt 24 Air User Manual wolfbox.com The information in this manual is subject to change without notice.	[WOLFBOX Jump Starter with Air Compressor User Manual](#) Comprehensive user manual for the WOLFBOX MegaVolt 16 Air / MegaVolt 24 Air jump starter and air compressor, detailing features, operation, and safety precautions.
WOLFBOX Dare to Go Everywhere V1.2 Jump Starter with Air Compressor MegaVolt 16 Air / MegaVolt 24 Air User Manual wolfbox.com The information in this manual is subject to change without notice.	[WOLFBOX MegaVolt 16 Air / MegaVolt 24 Air Jump Starter with Air Compressor User Manual](#) Comprehensive user manual for the WOLFBOX MegaVolt 16 Air and MegaVolt 24 Air jump starter and air compressor. Learn about features, operation, safety, troubleshooting, and technical specifications.
WOLFBOX Drive on. Always on. V1.0 MegaVolt24 User Manual wolfbox.com The information in this manual is subject to change without notice.	[WOLFBOX MegaVolt24 User Manual](#) User manual for the WOLFBOX MegaVolt24 jump starter, covering precautions, packing list, LED display instructions, parts and functions, technical specifications, FAQ, and troubleshooting.
WOLFBOX Dare to Go Everywhere V1.1 MegaVolt16 User Manual wolfbox.com The information in this manual is subject to change without notice.	[WOLFBOX MegaVolt16 3000A Jump Starter User Manual](#) User manual for the WOLFBOX MegaVolt16 3000A jump starter. Covers vehicle jump-starting, LED functions, device charging, technical specifications, troubleshooting, and safety guidelines.

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V1.1

X3
2-CHANNEL DASH CAM

User Manual

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[WOLFBOX X3 2-Channel Dash Cam User Manual](#)

This user manual provides comprehensive instructions and specifications for the WOLFBOX X3 2-channel dash cam, covering installation, features, troubleshooting, and app connectivity.