## Crelander CR-GTX

# LED Knight Backpack Instruction Manual

Model: CR-GTX | Brand: Crelander

## 1. INTRODUCTION

The Crelander LED Knight Backpack is a cutting-edge hard-shell backpack designed for versatility and visibility. Ideal for motorcycle riders, travelers, and daily commuters, it features a programmable LED display, ample storage including an expandable helmet compartment, and durable waterproof construction. This manual provides essential information for setting up, operating, and maintaining your new backpack.

## 2. PRODUCT FEATURES

- **Programmable LED Display:** Customize patterns, text, pictures, and GIFs via a dedicated mobile application.
- **Durable Construction:** Features a 3D hardcore waterproof material shell and 1680pvc back for enhanced protection.
- **Expandable Storage:** Designed to accommodate various motorcycle helmets (full-face, off-road) and other large items.
- **Ample Internal Capacity:** Multiple independent compartments for laptops, tablets, phones, power banks, books, cosmetics, keys, and more.
- **Comfort & Accessibility:** Adjustable shoulder straps and breathable back material for comfortable wear. Includes hidden anti-theft pockets.

Figure 2.1: The LED Knight Backpack showcasing its dynamic display and mobile app connectivity.
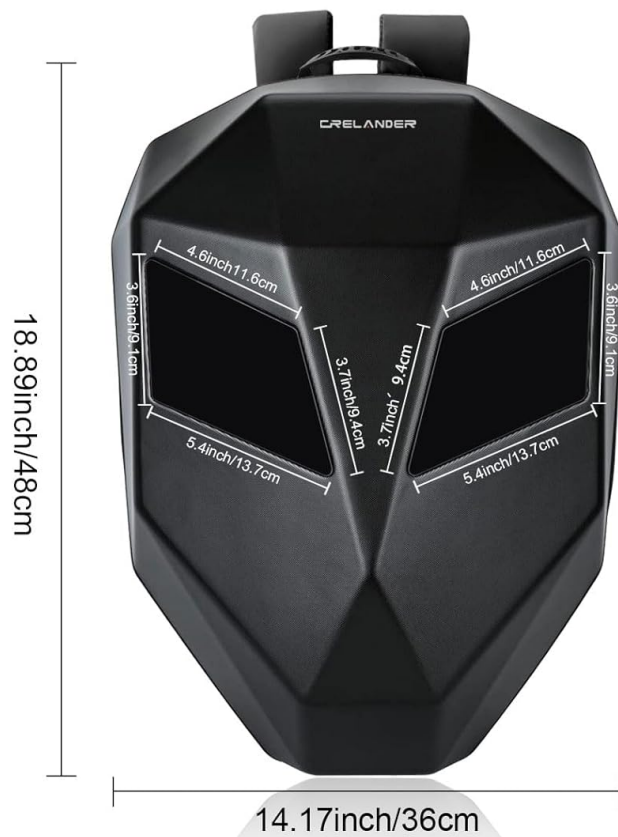
Figure 2.2: Detailed dimensions of the backpack, highlighting its compact yet spacious design.

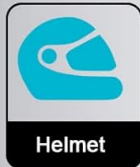Video 2.1: Overview of the Crelander LED Motorcycle Backpack's features and dynamic display.

# 3. SETUP GUIDE

## 3.1 Powering the LED Display

The LED display requires an external power bank (not included) for operation. Locate the built-in USB data port inside the backpack's main compartment. Connect your power bank to this port to activate the LED screen.
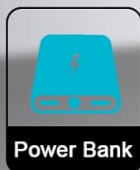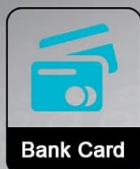
Figure 3.1: Internal compartment showing the designated area for power bank connection.

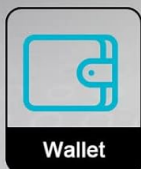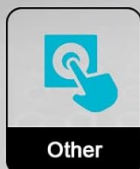Video 3.1: Demonstrating how to connect a power bank to the backpack's internal USB port.

## 3.2 App Installation and Connection

To customize the LED display, download the official Crelander app. You can find it by searching on your mobile phone's app store or by scanning the QR code provided in the product packaging. Once installed:

1. Ensure your power bank is connected and the backpack's LED display is powered on.

2. Enable Bluetooth on your mobile device.

3. Open the Crelander app and follow the on-screen prompts to scan the QR code (usually found on the backpack or in the manual) to bind your backpack.

4. Once connected, you can begin customizing your display.

Video 3.2: A detailed guide on using the app to change the LED backpack content.

## 4. OPERATING INSTRUCTIONS

## 4.1 Customizing LED Patterns

The Crelander app provides extensive options for personalizing your backpack's LED display:

- **DIY Text:** Type custom messages and choose colors and fonts.

- **DIY Picture:** Upload your own images to display on the screen.

- **DIY Animation/GIF:** Select from pre-loaded animations or upload your own GIF files for dynamic displays.

- **Material Library:** Browse and select from a variety of pre-designed eye animations and patterns.



Figure 4.1: The app's interface for creating custom text, images, and animations.

Video 4.1: Demonstrating the programmable features of the LED display, including various eye animations and custom content.

## 4.2 Utilizing Storage Space

The backpack offers versatile storage solutions:

- **Main Compartment:** Large zipper pocket suitable for laptops and tablets.

- **Independent Small Compartments:** Organize smaller items like cosmetics, tissues, keys, mini iPads, cell phones, umbrellas, and sports equipment.

- **Expandable Helmet Bag:** Unzip the expandable section to store various types of motorcycle helmets, including full-face and off-road models.
- **Hidden Pockets:** Securely store valuables in discreet pockets on the back panel.



Figure 4.2: Visual representation of the backpack's internal organization and helmet storage capability.

Video 4.2: A detailed demonstration of the backpack's storage capacity and features.

## 5. CARE AND MAINTENANCE

### 5.1 Cleaning

- **Exterior:** Wipe the hard shell with a damp cloth and mild soap. Avoid abrasive cleaners that may damage the surface or LED screen.
- **Interior:** Hand wash the fabric interior with mild detergent and air dry thoroughly. Ensure all compartments are completely dry before closing.
- **LED Screen:** Gently wipe the LED screen with a soft, dry, lint-free cloth. Do not use liquid cleaners directly on the screen.

## 5.2 Storage

When not in use, store the backpack in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the power bank is disconnected and removed if storing for extended periods.

## 6. TROUBLESHOOTING COMMON ISSUES

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| LED display not turning on. | No power bank connected or power bank is depleted. | Ensure a charged power bank is correctly connected to the internal USB port. |
| App cannot connect to backpack. | Bluetooth is off, app not paired, or interference. | Turn on Bluetooth, restart the app, re-scan QR code to bind, or move closer to the backpack. |
| Custom patterns not displaying correctly. | Incorrect file format or app synchronization issue. | Ensure images/GIFs are in supported formats. Re-upload the content through the app. |

## 7. PRODUCT SPECIFICATIONS

- **Dimensions:** Approximately 13.5 x 7.5 x 18.8 inches (34.3 x 19.1 x 47.8 cm)
- **Item Weight:** 3.74 pounds (1.7 kg)
- **Capacity:** 20 Liters
- **Material:** 3D Hardcore Waterproof Material, 1680PVC
- **LED Screen:** 48x48 Full-Color Dot Matrix Screen
- **Power Source:** External Power Bank (not included) via internal USB port
- **Connectivity:** Bluetooth (for app control)
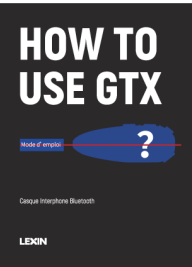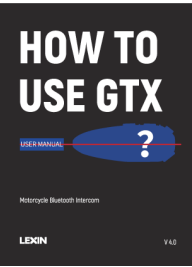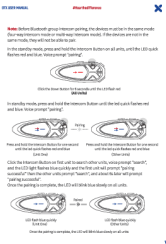- **Model Number:** CR-GTX

## 8. SAFETY GUIDELINES

- Do not expose the backpack to extreme temperatures or prolonged direct sunlight, as this may damage the LED components or materials.
- Keep sharp objects away from the LED screen and internal wiring to prevent punctures or damage.
- Ensure your power bank is securely placed within its designated compartment to prevent shifting during movement.

- While the shell is waterproof, avoid submerging the backpack in water or exposing the internal components to excessive moisture.
- Always ensure the backpack is properly secured when riding a motorcycle to prevent shifting or loss.
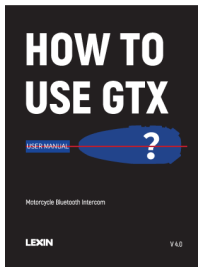
## 9. WARRANTY AND CUSTOMER SUPPORT

For any questions, technical support, or warranty inquiries regarding your Crelander LED Knight Backpack, please contact the manufacturer directly through their official website or the contact information provided in your product packaging. Please note that the power bank required for the LED display is not included with the backpack.

## Related Documents - CR-GTX

| | |
|---|---|
|  | **Crelander T30 PRO Tablet PC User Manual**<br>User manual for the Crelander T30 PRO Tablet PC, covering basic operation, tips, maintenance, and FCC compliance. |
|  | **LEXIN GTX Bluetooth Intercom Headset User Manual**<br>Comprehensive user manual for the LEXIN GTX Bluetooth Intercom Headset, covering features, installation, operation, Bluetooth and intercom pairing, and troubleshooting. |
|  | **LEXIN GTX Motorcycle Bluetooth Intercom User Manual**<br>Comprehensive user manual for the LEXIN GTX Motorcycle Bluetooth Intercom, covering features, installation, operation, pairing, maintenance, and safety guidelines. |
|  | **Lexin GTX User Manual: Motorcycle Bluetooth Intercom Guide**<br>User manual for the Lexin GTX motorcycle Bluetooth intercom system, detailing pairing, intercom functions, maintenance, warranty, and safety information. |

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|---|---|
| **HOW TO USE GTX**<br>USER MANUAL ?<br>Motorcycle Bluetooth Intercom<br>LEXIN V4.0 | [LEXIN GTX Motorcycle Bluetooth Intercom User Manual](#)<br>Comprehensive user manual for the LEXIN GTX Motorcycle Bluetooth Intercom, detailing features, installation, operation, and maintenance for riders. |
| **WIE BEDIENT MAN DAS NOVUS**<br>Benutzerhandbuch ?<br>Motorrad Mesh/Bluetooth Intercom<br>LEXIN | [LEXIN NOVUS Motorcycle Mesh/Bluetooth Intercom User Manual](#)<br>Comprehensive user manual for the LEXIN NOVUS motorcycle mesh and Bluetooth intercom system, covering features, installation, operation, and connectivity. |