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1. PRODUCT OVERVIEW

The Crelander LED Programmable Backpack is a versatile 17-inch laptop backpack featuring a dynamic LED screen. This smart backpack allows for personalized display of patterns, text, and animations, making it suitable for various activities such as traveling, hiking, riding, and daily commuting. Its design prioritizes both functionality and comfort.



Front view of the Crelander LED Programmable Backpack, showcasing its dynamic display capabilities.

Key Features:

- **DIY Programmable Screen:** Customize the LED display with your preferred patterns, text, or animations via a dedicated mobile application.
- **Multipurpose Storage:** Approximately 42 x 30 x 13 cm (16.5 x 11.8 x 5.1 inches) in size, offering ample storage including a large zipper pocket for a laptop or tablet, and multiple independent small compartments for organizing personal items.
- **Comfortable Design:** Equipped with adjustable shoulder straps and a fully vented, well-padded back panel for enhanced comfort during extended wear.
- **Waterproof Display:** The LED display is designed to be waterproof, protecting it from splashes and light rain.
- **Easy Operation:** Simple setup involving connecting a mobile power bank and using the companion app to control the display content.

Note: A mobile power bank is required for the LED screen functionality and is not included with the backpack due to safety transportation regulations. Please purchase separately.

2. SETUP INSTRUCTIONS

Follow these steps to set up your Crelander LED Programmable Backpack and activate its dynamic display.

1. **Connect the Power Bank:** Locate the USB cable inside the backpack. Connect it to a compatible mobile power bank (not included). Ensure the power bank is charged.
2. **Download the Application:** Scan the QR code provided in the manual or on the product packaging, or search for the 'LED Space' app in your device's app store. You can also use the following links:
[Download for Android](#)
[General App Download Link](#)
3. **Connect the Backpack to the App:** Open the downloaded app on your smartphone. Follow the in-app instructions to connect your backpack via Bluetooth. Once connected, you can begin customizing the LED display.

LAYERED STORAGE BACKPACK

Reasonable space distribution, easy to take and large storage



Visual guide for connecting the power bank and downloading the control application.

3. OPERATING INSTRUCTIONS

Once connected to the app, you can fully utilize the programmable LED screen.

Customizing the LED Display:

- **Text Display:** Enter custom text messages to scroll across the screen. Adjust font, color, and speed.

- **Image/Animation Display:** Upload images or select from pre-loaded animations within the app. The app supports various pixel art and GIF formats.
- **DIY Graffiti:** Use the app's drawing tool to create your own unique pixel art designs directly on the screen.
- **Brightness Adjustment:** Control the brightness of the LED display through the app settings to suit different environments.



The mobile application interface for controlling the LED display.

Internal Storage and Organization:

The backpack is designed with multiple compartments for efficient organization of your belongings.



Interior layout of the backpack, highlighting the computer pocket, inserted pocket, and screen layer.

- **Laptop Compartment:** A dedicated padded sleeve designed to fit laptops up to 17 inches.
- **Main Pocket:** Spacious main compartment for larger items like books, clothing, or sports equipment.
- **Small Pockets:** Several smaller pockets for accessories such as mobile phones, keys, wallets, and other essentials.

4. MAINTENANCE

Proper care will extend the life and appearance of your Crelander LED Programmable Backpack.

Cleaning Instructions:

- **Hand Wash Only:** The backpack should be hand washed. Do not machine wash or tumble dry.
- **Spot Cleaning:** For minor stains, use a damp cloth with mild soap. Gently wipe the affected area.
- **Drying:** Air dry the backpack completely before storing or using it again. Avoid direct sunlight or high heat.
- **LED Screen Care:** The LED screen is waterproof. To clean, gently wipe with a soft, damp cloth. Avoid abrasive cleaners or materials that could scratch the screen surface.

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Video demonstrating the waterproof feature and internal compartments of the Crelander LED Backpack.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Crelander LED Programmable Backpack.

- **LED Screen Not Turning On:**
 - Ensure the mobile power bank is fully charged and correctly connected to the internal USB cable.
 - Verify that the power bank is switched on (if it has a power button).
- **App Not Connecting to Backpack:**
 - Make sure Bluetooth is enabled on your smartphone.
 - Ensure the backpack's LED screen is powered on.
 - Restart the app and try connecting again.
 - If issues persist, try restarting your phone and the power bank.
- **Display Content Not Changing:**
 - Confirm that the app is successfully connected to the backpack.
 - Check your internet connection if you are trying to download new content or updates within the app.
- **Water Damage Concerns:**
 - While the LED screen is waterproof, the internal components and power bank are not. Ensure all zippers are securely closed to protect the interior from water exposure.
 - Avoid submerging the backpack in water.

6. SPECIFICATIONS

Feature	Detail
Brand	Crelander
Model	LED Programmable Backpack
Color	Yellow
Item Dimensions (D x W x H)	5.1"D x 11.8"W x 16.9"H (13 x 30 x 43 cm)
Item Weight	1.32 Kilograms
Storage Volume	20 Liters
Compatible Device Size (Maximum)	14 Inches (for laptop compartment)
Material Type	Polyester, Polyvinyl Chloride (Outer Material), Nylon (Lining)
Water Resistance Level	Waterproof (LED screen and outer material)
Embellishment Feature	Programmable Screen
Number of Compartments	5
Number Of Pockets	3

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Crelander customer service directly. Details for contacting support are typically available on the official Crelander website or through your purchase platform.

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Video showcasing the dynamic LED screen features and various display options of the backpack.