OLIGHT Ostation X, Ostrip

OLIGHT Ostation X Battery Charger and Ostrip Smart LED Strip Lights User Manual

Model: Ostation X, Ostrip | Brand: OLIGHT

1. INTRODUCTION

Thank you for choosing the OLIGHT Ostation X Battery Charger and Ostrip Smart LED Strip Lights. This manual provides essential information for the safe and efficient use of your new products. Please read this manual thoroughly before operation and retain it for future reference.

2. SAFETY INSTRUCTIONS

- Always use the product in a dry environment. Do not expose to water or moisture.
- Keep out of reach of children and pets.
- Use only the specified power adapter for the Ostation X charger.
- Do not attempt to disassemble or modify the devices. This will void the warranty and may cause damage or injury.
- Ensure proper ventilation around the Ostation X during charging.
- For Ostrip, ensure the installation surface is clean and dry before adhering.
- Avoid looking directly at the Ostrip's illuminated LEDs for extended periods.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- OLIGHT Ostation X Battery Charger
- 32 x OLIGHT AA NiMH Rechargeable Batteries
- OLIGHT Ostrip Smart LED Strip Lights
- Power Adapter (for Ostation X)
- User Manual (this document)

Image 3.1: Contents of the OLIGHT Ostation X and Ostrip bundle.

4. PRODUCT OVERVIEW

4.1 OLIGHT Ostation X Battery Charger

The Ostation X is an innovative 3-in-1 device designed for AA NiMH batteries, functioning as a smart charger, battery tester, and organizer. It features intelligent battery detection, automatically identifying good or bad batteries and offering both standard (3.8-hour) and fast (2.5-hour) charging modes. Its unique design eliminates the need to check battery polarity.

3-in-1 Smart Battery Charger

Dimensions:
7.36 x 3.84 x 11.02 in
(187 x 97.5 x 280 mm)

OstationX

11.02 in

Weight:
3.31 lb (1.5 kg)

3.84 in — 7.36 in

= Battery Charger + Battery Tester + Battery Organizer

Please update to the latest version of the app before use.

Image 4.1.1: OLIGHT Ostation X dimensions and its integrated functions as a battery charger, tester, and organizer.

Compatibility

Works with **all brands of AA Ni-MH batteries.**

You can also choose Olight batteries:

Ostation B Pro AA

Capacity
2100mAh

Battery Voltage
1.2V

Charge Retention
≥75% after 12 Months

Cycle Life
300+ Times

50.25±0.25 mm

14.3±0.1 mm

Image 4.1.2: Compatibility with various AA NiMH batteries, including Olight B Pro AA batteries with 2100mAh capacity and 1.2V voltage.
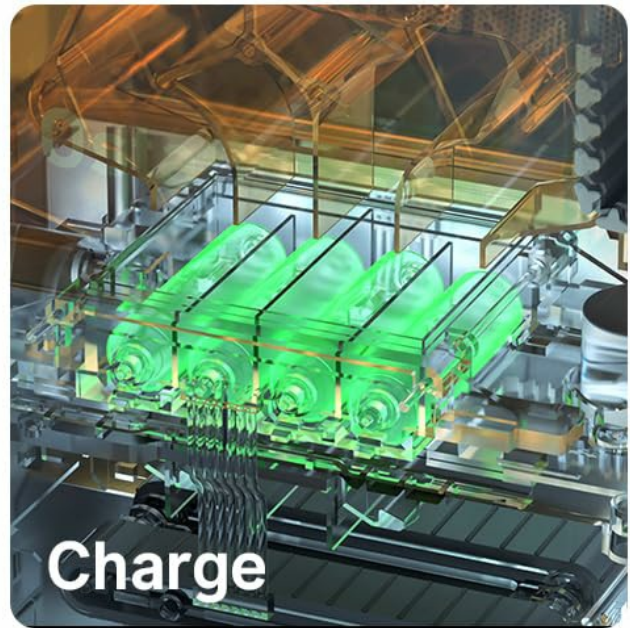
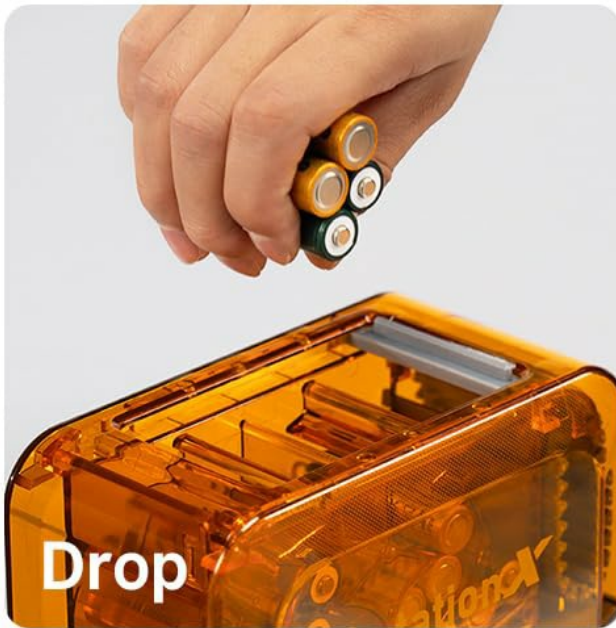# Original Waterfall Charging Design

Image 4.1.3: The unique waterfall charging design allows batteries to be dropped in, charged, and then easily retrieved.

No need to check
(+)/(-) polarlty

Load Evenly

Image 4.1.4: The charger automatically detects battery polarity, eliminating the need for manual orientation.

4.2 OLIGHT Ostrip Smart LED Strip Lights

The Ostrip Smart LED Strip Lights offer versatile lighting solutions with smart app control. You can customize brightness, color, and lighting modes from your smartphone, choosing from thousands of colors, 66 preset scenes, or creating your own DIY lighting effects. The Ostrip also features a music sync mode to enhance your ambiance.

Image 4.2.1: The Ostrip can be easily controlled via a dedicated smartphone application, allowing customization of brightness, color, and modes.

Image 4.2.2: In DIY mode, users can personalize their lighting experience by selecting various colors, effects, and speeds.

Image 4.2.3: The Ostrip can synchronize its lighting effects with music, creating a dynamic light show.
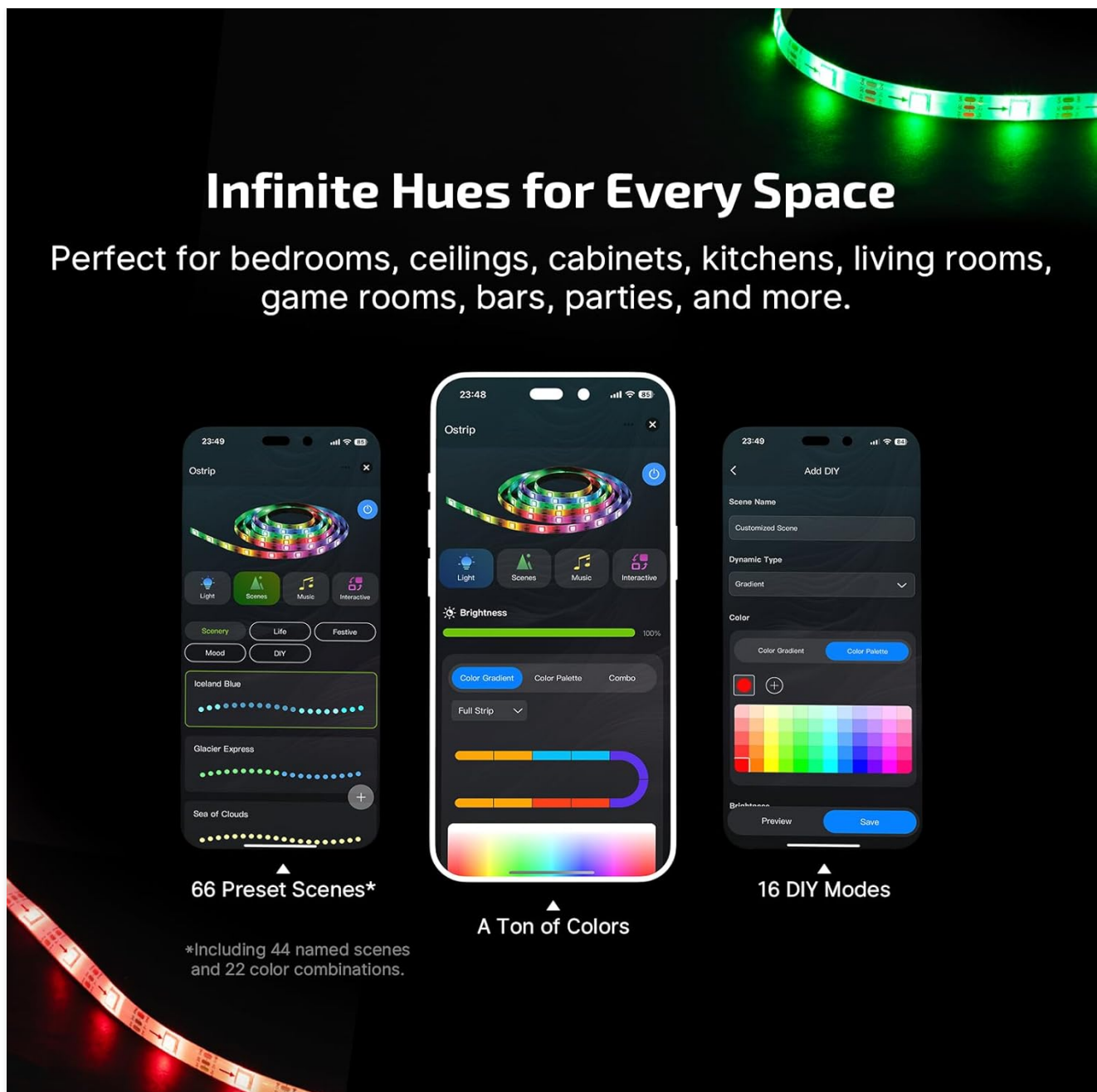
Image 4.2.4: The Ostrip offers a wide range of colors and 66 preset scenes, suitable for various spaces and moods.

5. SETUP

5.1 OLIGHT Ostation X Setup

1. **Unpack:** Carefully remove the Ostation X from its packaging.

2. **Power Connection:** Connect the provided power adapter to the Ostation X and plug it into a standard wall outlet.

3. **App Download (Optional but Recommended):** For the best user experience and to update the product's software, download the official OLIGHT app from the Google Play Store or Apple App Store. Connect the Ostation X to the app as per the in-app instructions.

5.2 OLIGHT Ostrip Setup

1. **Surface Preparation:** Choose a clean, dry, and smooth surface for installation. Ensure the surface is free of dust, oil, or moisture.

2. **Adhesion:** Peel off the adhesive backing from the Ostrip and carefully press the strip onto the desired

surface. Apply firm pressure along the entire length to ensure good adhesion.

3. **Power Connection:** Connect the Ostrip to its power supply and plug it into a wall outlet.

4. **App Pairing:** Download the official OLIGHT app (if you haven't already). Open the app and follow the on-screen instructions to pair your Ostrip Smart LED Strip Lights.

6. OPERATING INSTRUCTIONS

6.1 Using the OLIGHT Ostation X

1. **Inserting Batteries:** Simply drop AA NiMH batteries into the charging slots. The Ostation X will automatically detect the battery type and polarity.

2. **Charging Modes:** The charger will automatically initiate charging. A standard charge takes approximately 3.8 hours, while a fast charge takes about 2.5 hours. The device intelligently manages the charging process.

3. **Battery Testing:** The Ostation X can intelligently detect the condition of the batteries (good or bad). Refer to the device's indicators or the app for battery status.

4. **Battery Organization:** The Ostation X provides storage for up to 32 batteries, keeping them organized and ready for use.

6.2 Using the OLIGHT Ostrip

1. **App Control:** Open the OLIGHT app on your smartphone. From the app, you can control the Ostrip's brightness, color, and various lighting modes.

2. **Preset Scenes:** Choose from 66 preset scenes, including 44 named scenes and 22 color combinations, to instantly set the mood.

3. **DIY Mode:** Customize your own lighting effects by selecting specific colors, speeds, and patterns.

4. **Music Sync:** Activate the music sync feature in the app to make the Ostrip lights dance and pulse in rhythm with your favorite tunes.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of both the Ostation X and Ostrip. Do not use abrasive cleaners or solvents.

- **Storage:** When not in use for extended periods, store the devices in a cool, dry place away from direct sunlight.

- **Battery Care:** For optimal performance and longevity of the NiMH batteries, avoid fully discharging them regularly. Recharge them when they are low.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Ostation X not charging batteries.	No power, faulty battery, incorrect battery type.	Ensure power adapter is properly connected. Check if batteries are AA NiMH. Try a different battery.
Ostrip not lighting up.	No power, loose connection, app issue.	Check power connection. Ensure app is paired and controls are active.

Problem	Possible Cause	Solution
App cannot connect to Ostation X/Ostrip.	Bluetooth/Wi-Fi issue, outdated software.	Ensure Bluetooth/Wi-Fi is enabled on your device. Restart app and product. **Download the app to update the product's software.**
Ostrip colors/modes not changing.	App control issue, interference.	Ensure you are within the 25-meter control range. Restart the app.

9. SPECIFICATIONS

9.1 OLIGHT Ostation X Battery Charger

- **Dimensions:** 7.36 x 3.84 x 11.02 inches (187 x 97.5 x 280 mm)
- **Weight:** 3.31 lb (1.5 kg)
- **Output Voltage:** 1.2 Volts
- **Standard Charging Time:** 3.8 Hours
- **Fast Charging Time:** 2.5 Hours
- **Compatibility:** All brands of AA NiMH batteries (e.g., Olight B Pro AA)
- **Battery Capacity (Olight B Pro AA):** 2100mAh
- **Battery Voltage (Olight B Pro AA):** 1.2V
- **Charge Retention (Olight B Pro AA):** >75% after 12 Months
- **Cycle Life (Olight B Pro AA):** 300+ Times
- **Certifications:** UL, FCC

9.2 OLIGHT Ostrip Smart LED Strip Lights

- **Control Method:** Smart App Control
- **Control Range:** Up to 25 meters
- **Color Options:** Thousands of colors
- **Preset Scenes:** 66 (44 named scenes, 22 color combinations)
- **Customization:** DIY modes, color customization by paragraph
- **Special Features:** Music Sync Mode

10. WARRANTY AND SUPPORT

OLIGHT products are manufactured with high-quality materials and craftsmanship. For warranty information, product registration, or technical support, please visit the official OLIGHT website or contact their customer service. You can find more information and support resources at the OLIGHT Store on Amazon.

Related Documents - Ostation X, Ostrip

	Olight Ostation X AA Battery Charger User Manual
	Comprehensive user manual for the Olight Ostation X AA battery charger, detailing setup, operation, charging modes, LED indicators, troubleshooting, and app integration.

	[Olight Ostrip LED Light Strip User Manual](#) Comprehensive user manual for the Olight Ostrip LED light strip, covering installation, operation via physical buttons and the Olight app, lighting options, scene modes, music sync, and safety precautions. Includes specifications and troubleshooting.
	[Olight Ostrip LED Strip Light User Manual](#) Comprehensive user manual for the Olight Ostrip LED strip light, detailing installation, operation via physical controls and the Olight app, safety guidelines, and regulatory information.
	[Olight OPEN 2 Pen Flashlight User Manual](#) Comprehensive user manual for the Olight OPEN 2, a versatile pen with an integrated LED flashlight. Learn about its features, operation, charging, refill replacement, specifications, and warranty information.
	[Olight Baton 3 Premium Edition Flashlight User Manual & Guide](#) Official user manual for the Olight Baton 3 Premium Edition flashlight and its accompanying wireless charger. Find detailed specifications, operating instructions for various modes (Turbo, High, Medium, Low, Moonlight, Strobe), charging procedures, battery level indicators, important safety warnings, and warranty information.
	[Olight i3E EOS User Manual: Specifications, Operation, and Warranty](#) User manual for the Olight i3E EOS flashlight, covering specifications, battery installation, operation, warnings, and warranty information.