

AMBITFUL A2 MINI

AMBITFUL A1 Mini Full-Color RGB Video Light User Manual

Model: A1 Mini

Brand: AMBITFUL

1. INTRODUCTION

Thank you for choosing the AMBITFUL A1 Mini Full-Color RGB Video Light. This compact and versatile lighting solution is designed for photographers, videographers, and content creators seeking portable and powerful illumination. Featuring a wide color temperature range, full RGB output, and multiple special effects, the A1 Mini is suitable for various shooting scenarios, from outdoor photography to YouTube live streams. Please read this manual carefully to ensure proper use and optimal performance of your device.

2. PRODUCT OVERVIEW

2.1 Package Contents

- AMBITFUL A1 Mini RGB Video Light x 1
- Cantilever Bracket x 1
- USB Type-C Charging Cable x 1
- Mini Tripod Screw Adapter x 1

2.2 Key Features

- **RGB Full Color Output:** 78 dual color temperature LED beads + 60 RGB full color LED beads. 0-360° full color effect.
- **Wide Color Temperature Range:** Adjustable from 2500K to 8500K.
- **Brightness Control:** Dimmable from 0% to 100%.
- **High Color Rendering:** CCT white light mode with a Color Rendering Index (CRI) up to 95 for accurate color reproduction.
- **Scene Simulation Modes:** 16 built-in light effects including lighting, color temperature, flowing light, lightning, alarm lights, party, birthday, children's paradise, grassland, surf, aurora, and cinema.
- **Durable Construction:** Equipped with an aluminum alloy housing.
- **Integrated Power Bank Function:** Can be switched to mobile power mode to charge other devices (OTG adapter cable sold separately).
- **Built-in Battery:** 4200mAh rechargeable lithium battery.

2.3 Product Components and Dimensions



Image 2.3.1: The AMBITFUL A1 Mini RGB Video Light shown with its included cantilever bracket, mini tripod screw adapter, and USB Type-C charging cable.

Built-in 4200mAh Lithium Battery Charging Time is About 2 Hours



Image 2.3.2: Detailed dimensions of the AMBITFUL A1 Mini RGB Video Light. The light measures approximately 13cm in length, 7cm in width, and 1.6cm in thickness, with a weight of approximately 265g. It also highlights the Type-C charging port.

3. SETUP

3.1 Charging the Device

Before first use, fully charge the AMBITFUL A1 Mini. Connect the provided USB Type-C charging cable to the Type-C port on the side of the light and plug the other end into a compatible USB power adapter (not included). The charging indicator will show the charging status. A full charge typically takes about 2 hours.

Full color Fill Light

A1 Mini Creative Lights, Full color Fill Light Suitable for diverse scenes to create different atmospheres, the world of light and shadow is under your control



Image 3.1.1: The AMBITFUL A1 Mini RGB Video Light mounted on a stand, demonstrating its portability and outdoor usability. The image also indicates a built-in 4200mAh lithium battery with a charging time of approximately 2 hours.

3.2 Attaching the Cantilever Bracket

The cantilever bracket allows for flexible positioning of the light. Attach the bracket to the 1/4-inch screw hole on the bottom or side of the A1 Mini. You can then mount the light onto a camera hot shoe, tripod, or light stand using the appropriate adapter (e.g., the included mini tripod screw adapter).

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button (usually located on the top or side) for a few seconds to turn the light on or off.

4.2 Adjusting Brightness

Use the designated control buttons (often marked with '+' and '-') to adjust the brightness level from 0% to 100%. The current brightness percentage will be displayed on the screen.

4.3 Color Temperature (CCT) Mode

In CCT mode, you can adjust the color temperature from 2500K (warm light) to 8500K (cool light). This mode is ideal for matching ambient light or achieving specific white balance effects. The A1 Mini's CCT mode provides a high CRI of up to 95 for accurate color reproduction.

With 2600K-8500K Wide-area Color Temperature Adjustable



Image 4.3.1: Two AMBITFUL A1 Mini lights on stands, demonstrating the wide-area color temperature adjustability from 2600K to 8500K.

4.4 RGB Full Color (HSI) Mode

Switch to HSI (Hue, Saturation, Intensity) mode to access the full 0-360° RGB color spectrum. You can adjust hue, saturation, and brightness independently to create any desired color. This mode offers 36,000 colorful options.

HSI Mode, 36000 Colorful

Adjustable hue, 100-level brightness and saturation, easy to have the color you want, photography as you like

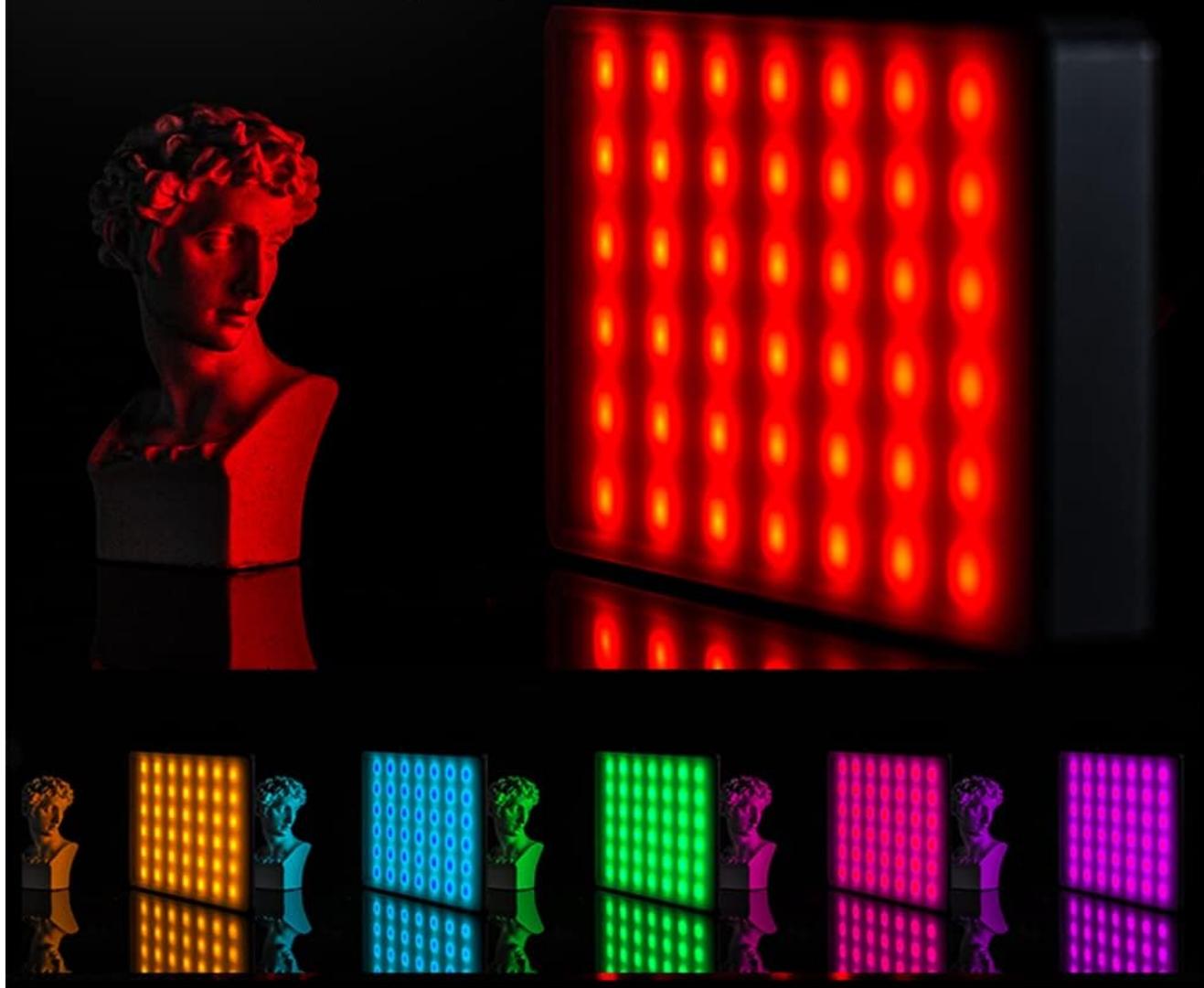


Image 4.4.1: The AMBITFUL A1 Mini RGB Video Light displaying a red light in HSI mode, with a statue illuminated. The image highlights the adjustable hue, 100-level brightness, and saturation for customized color output.

4.5 Scene Simulation Modes

The A1 Mini features 16 pre-programmed special effects to simulate various lighting scenarios. Navigate through the menu to select from effects such as:

- Cycle A, B, C
- Flash A, B, C
- Police Light A, B, C
- Party
- Birthday
- Children's Paradise
- Grassland
- Surf
- Aurora
- Cinema

4 Special Effects Modes 16 Light Effects



Image 4.5.1: An illustration of the 4 special effects modes and 16 light effects available on the AMBITFUL A1 Mini, including various cycle, flash, police light, and themed scene modes.

4.6 Light Painting Photography

The A1 Mini is suitable for light painting photography, allowing you to create dynamic light and shadow trails with a slow shutter speed. Experiment with different colors and effects to achieve unique artistic results.

Light Painting Photography

Shooting Light and Shadow Trails with Slow Shutter



Image 4.6.1: An example of light painting photography, demonstrating how the AMBITFUL A1 Mini can be used to create light trails and artistic effects with slow shutter speeds.

4.7 Full Color Fill Light Applications

Utilize the full-color capabilities of the A1 Mini as a versatile fill light. It is suitable for diverse scenes to create different atmospheres, giving you control over the world of light and shadow in your photography and videography.



Image 4.7.1: Examples of the AMBITFUL A1 Mini being used as a full-color fill light to create various moods and effects in different scenes.

4.8 Power Bank Mode

The AMBITFUL A1 Mini can function as a mobile power source. To activate this mode, switch the device to power bank mode. Using an OTG adapter cable (sold separately), you can connect and charge your smartphone or other compatible devices.

5. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the surface of the light. Do not use harsh chemicals or abrasive materials.
- Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

- **Handling:** Handle the light with care to prevent drops or impacts, which could damage internal components.

6. TROUBLESHOOTING

- **Light does not turn on:**
 - Ensure the battery is charged. Connect the light to a power source using the USB Type-C cable.
 - Press and hold the power button for a few seconds to ensure it's not just a short press.
- **Light is not charging:**
 - Verify the USB Type-C cable is securely connected to both the light and the power adapter.
 - Try a different USB cable or power adapter to rule out faulty accessories.
 - Ensure the power source is active.
- **Cannot change color or effect:**
 - Ensure you are in the correct mode (CCT, HSI, or Scene Mode) for the desired adjustment.
 - Refer to the operating instructions for specific button functions in each mode.
- **Short battery life:**
 - Battery life is reduced at 100% brightness. Lowering the brightness will extend usage time.
 - Ensure the battery is fully charged before use.
 - Extreme temperatures can affect battery performance.

7. SPECIFICATIONS

Model Number	A1 Mini (A2 MINI as per product data)
Battery Capacity	Built-in 4200mAh Lithium Battery
Battery Life	Up to 2 hours (at 100% power)
Charging Time	Approximately 2 hours
Color Temperature Range	2500K - 8500K
RGB Color Range	0-360° Full Color (HSI Mode)
Brightness Adjustment	0% - 100%
CRI (Color Rendering Index)	≥ 95
LED Beads	78 (Dual Color Temp) + 60 (RGB)
Dimensions	13cm x 7cm x 1.6cm (approx.)
Weight	Approximately 265g
Hardware Interface	USB Type-C

8. WARRANTY AND SUPPORT

AMBITFUL products are designed for reliability and performance. For warranty information and technical support, please refer to the official AMBITFUL website or contact your local distributor. Keep your purchase receipt as proof of purchase for any warranty claims.

Documents - AMBITFUL – A2 MINI

Edge Family of Products: Supported Android Devices

A comprehensive list of Android devices compatible with the Edge Family of Products, including model names and codes.

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