Broncolor Siros 400 S WiFi/RFS 2

Broncolor Siros 400 S WiFi/RFS 2 Monolight Instruction Manual

Model: 31.623.10

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Broncolor Siros 400 S WiFi/RFS 2 monolight. Please read this manual thoroughly before using the device to ensure proper setup, operation, and maintenance.

PRODUCT OVERVIEW

Figure 1: Broncolor Siros 400 S WiFi/RFS 2 Monolight. An image showing the Broncolor Siros 400 S monolight from the side, highlighting its robust black casing, the 'broncolor siros' branding, and the integrated stand mount.

The Broncolor Siros 400 S is a high-performance studio monolight designed for professional photography. It features integrated WiFi and RFS 2 technology for remote control, a wide control range, and fast flash durations, ensuring precise lighting control for various photographic applications.

SETUP

1. **Unpacking and Inspection:** Carefully remove the monolight and all accessories from the packaging. Inspect for any signs of damage during transit. Retain original packaging for future transport or storage.

2. **Mounting the Unit:** Attach the Siros 400 S to a sturdy light stand using the integrated stand mount. Ensure the locking mechanism is securely tightened to prevent accidental movement.

3. **Power Connection:** Connect the power cable to the monolight's power input and then to a suitable AC power outlet. Verify that the power supply matches the unit's requirements (e.g., 120V for the modeling light).

4. **Reflector Attachment:** To attach a reflector, such as the P70, align the reflector's mounting ring with the monolight's bayonet mount. Twist the reflector clockwise until it locks securely into place.

5. **Initial Power-On:** Press the power button to turn on the monolight. The display will illuminate, indicating the unit is ready for operation.

OPERATING INSTRUCTIONS

Control Panel Overview

The Siros 400 S features an intuitive control panel, typically located on the rear of the unit. This panel includes a display, control knobs, and buttons for adjusting various settings. Refer to the on-screen interface for specific menu navigation.

Power Adjustment

- The flash energy can be controlled over a **9 f-stop range**.
- Adjustments can be made in either **1/10 or full f-stop steps** for precise power output.
- Rotate the main control knob to increase or decrease the flash power.

Flash Duration Settings

The Siros 400 S offers extremely fast flash durations, crucial for freezing motion:

- **t 0.1 (t 0.5) at minimum energy:** 1/5500 s (1/11000 s)
- **t 0.1 (t 0.5) at maximum energy:** 1/700 s (1/2100 s)
- Consult the unit's menu for specific modes or settings related to flash duration optimization.

Modeling Light Operation

- The modeling light uses a **Halogen bulb with a maximum of 300W/120V**.
- The modeling light can be turned on/off and its intensity adjusted via the control panel.
- Use the modeling light to preview lighting effects before flashing.

Wireless Connectivity (WiFi/RFS 2)

- The Siros 400 S integrates **WiFi and RFS 2 (Radio Frequency System 2)** for remote control.
- **WiFi:** Connect the monolight to a WiFi network or directly to a smart device using the Broncolor app for comprehensive control.
- **RFS 2:** Use a compatible Broncolor RFS 2 transmitter on your camera to trigger the flash and adjust power settings wirelessly. Refer to the RFS 2 transmitter manual for pairing and operation details.

Sequencing Flashes

- The unit supports sequences of up to **50 flashes**.
- This feature is useful for capturing multiple frames in rapid succession. Consult the user interface for activating and configuring flash sequences.

MAINTENANCE

- **Cleaning:** Ensure the unit is powered off and unplugged before cleaning. Use a soft, dry cloth to wipe the exterior. For stubborn dirt, a slightly damp cloth with mild detergent can be used, followed by a dry cloth. Avoid abrasive cleaners or solvents.
- **Bulb Replacement:**
  - **Modeling Lamp:** Allow the unit to cool completely. Carefully unscrew the old halogen bulb and replace it with a new one of the correct wattage (max 300W/120V). Avoid touching the new bulb directly with bare hands to prevent oil residue.
  - **Flash Tube:** Flash tube replacement should ideally be performed by qualified service personnel. If you must replace it yourself, ensure the unit is unplugged and fully discharged. Follow the specific instructions provided with the replacement flash tube.
- **Storage:** When not in use, store the monolight in a dry, dust-free environment. Use the original packaging or a padded case for protection during transport or long-term storage.

TROUBLESHOOTING

If you encounter issues with your Siros 400 S, refer to the following common problems and solutions:
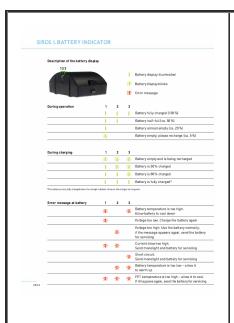
- **Unit Does Not Power On:**
  - Check if the power cable is securely connected to both the unit and the power outlet.
  - Verify that the power outlet is functional.
  - Ensure the power switch on the unit is in the 'On' position.
- **No Flash Output:**
  - Confirm the unit is fully charged and ready to flash (indicated by a ready light/sound).
  - Check the flash tube for damage or if it needs replacement.
  - Ensure the trigger signal (RFS 2 or sync cable) is correctly connected and functioning.
  - Verify that the flash power is not set to minimum or off.
- **Wireless Connectivity Issues:**
  - For RFS 2, ensure the transmitter and receiver (monolight) are on the same channel and group.
  - For WiFi, check that the monolight is connected to the correct network or directly to your device. Restarting the app and the monolight can often resolve connection issues.
  - Ensure there are no significant obstructions between the transmitter/device and the monolight.
- **Overheating Warning:**
  - If an overheating warning appears, stop using the unit immediately and allow it to cool down in a well-ventilated area.
  - Ensure adequate airflow around the unit and that cooling vents are not obstructed.

If problems persist after attempting these troubleshooting steps, please contact Broncolor customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	31.623.10
Brand	Broncolor
Product Dimensions	12.6 x 5.12 x 7.09 inches
Item Weight	7.06 pounds
Camera Flash Type	Studio
Connectivity Technology	Wireless (WiFi, RFS 2)
Flash Sync Speed	1/8500s
f-stop (2m, 100 ISO, P70 Reflector)	32 5/10
Control Range (Flash Energy)	9 f-stops (in 1/10 or full f-stop steps)
Flash Duration t 0.1 (Min. Energy)	1/5500 s
Flash Duration t 0.5 (Min. Energy)	1/11000 s
Flash Duration t 0.1 (Max. Energy)	1/700 s
Flash Duration t 0.5 (Max. Energy)	1/2100 s
Max. Flash Sequences	50 flashes
Modeling Light	Halogen max. 300W/120V
Battery Life (General)	2 years (Note: This refers to a general component lifespan, as the monolight is AC powered.)

Related Documents - Siros 400 S WiFi/RFS 2

[Siros L Battery Indicator Guide](#)
A guide to understanding the battery indicator lights and error messages for the Siros L battery system.

	[Broncolor Powerbox 900 Operating Instructions](#) Comprehensive operating instructions for the Broncolor Powerbox 900, detailing its features, setup, usage, safety precautions, maintenance, and technical specifications for professional photography applications.
	**[broncolor Stelos 800 L Technical Data Sheet	Studio Flash Specifications](#)** Detailed technical specifications for the broncolor Stelos 800 L studio flash, including flash energy, duration, recycling times, dimensions, weight, battery information, and compatibility.
	[Godox AD600 Pro All-in-One Outdoor Flash Instruction Manual](#) Comprehensive instruction manual for the Godox AD600 Pro, an all-in-one outdoor flash, covering features, operation modes, wireless settings, technical specifications, and troubleshooting. Includes detailed descriptions of diagrams and functions.
	[Jinbei DMII Series Portable Studio Flash User Manual and Specifications](#) Comprehensive guide to Jinbei DMII series portable studio flash lights (DMII-3, DMII-4, DMII-5, DMII-6). Includes detailed specifications, operating instructions, troubleshooting tips, package contents, and accessory compatibility for professional photography.
	[Godox AD300Pro Outdoor Flash Instruction Manual](#) This document is the instruction manual for the Godox AD300Pro, a 300Ws TTL outdoor flash. It provides detailed information on product features, operation, settings, wireless functions, custom functions, protection mechanisms, technical specifications, firmware upgrades, and maintenance. The manual is designed for photographers seeking to understand and utilize the full capabilities of the AD300Pro for various shooting scenarios.