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Broncolor 36.133.00

Broncolor RFS 2.1 Transmitter User Manual

Model: 36.133.00

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1. INTRODUCTION

The Broncolor RFS 2.1 Transmitter is a wireless radio frequency system designed to eliminate the need for PC cords in studio and field photography setups. It enables reliable wireless triggering and control of compatible Broncolor flash units, enhancing flexibility and efficiency in your workflow.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your RFS 2.1 Transmitter to ensure optimal performance and longevity.



Figure 1: Broncolor RFS 2.1 Transmitter. This image shows the compact design of the transmitter, typically mounted on a camera's hot shoe.

2. KEY FEATURES

The Broncolor RFS 2.1 Transmitter offers a range of features designed for professional use:

- **40 Channels:** Provides ample options for interference-free operation in various environments.
- **Outdoor Range:** Achieves reliable wireless communication up to 656 feet (200 meters) outdoors.
- **Indoor Range:** Maintains connectivity up to 164 feet (50 meters) indoors.
- **Full Stop and 1/10 Stop Power Control:** Allows for precise power adjustments of connected flash units directly from the transmitter.
- **Wireless Functionality:** Eliminates the need for cumbersome PC sync cables, offering greater freedom of movement and setup flexibility.

3. SETUP GUIDE

Follow these steps to set up your Broncolor RFS 2.1 Transmitter:

1. **Install Batteries:** Open the battery compartment (usually located on the underside or side of the unit) and insert the required batteries, ensuring correct polarity. Close the compartment securely.
2. **Mount on Camera:** Slide the RFS 2.1 Transmitter onto your camera's hot shoe. Secure it by tightening the locking mechanism, if present, to prevent accidental dislodgement.

3. **Power On:** Press and hold the power button until the indicator light illuminates, indicating the unit is active.
4. **Select Channel:** Use the channel selection buttons or dial to choose a desired channel. Ensure this channel matches the channel set on your Broncolor flash units or receivers. Refer to your flash unit's manual for channel setting instructions.
5. **Test Connection:** Perform a test flash to confirm that the transmitter is communicating correctly with your flash units.

4. OPERATION

Operating the Broncolor RFS 2.1 Transmitter is straightforward:

- **Power On/Off:** Press and hold the power button to turn the transmitter on or off.
- **Channel Selection:** Use the designated buttons (e.g., '+' and '-' or a rotary dial) to cycle through the 40 available channels. Always ensure the transmitter and receiver are on the same channel.
- **Power Adjustment:** If your flash units support remote power control via the RFS 2.1 system, use the power adjustment buttons on the transmitter to increase or decrease the flash output in full or 1/10 stop increments.
- **Test Button:** Press the test button to manually trigger the connected flash units without taking a picture. This is useful for checking light output and setup.
- **Camera Shutter Release:** When mounted on a camera's hot shoe, the transmitter will automatically trigger the flash units when the camera's shutter is released.

5. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your RFS 2.1 Transmitter:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the transmitter. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:**
 - Remove batteries if the unit will not be used for an extended period to prevent leakage.
 - Replace batteries promptly when the low battery indicator appears.
 - Use only recommended battery types.
- **Storage:** Store the transmitter in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity. Use a protective pouch or case to prevent scratches and impact damage.
- **Avoid Impact:** The transmitter contains sensitive electronic components. Avoid dropping or subjecting it to strong impacts.

6. TROUBLESHOOTING

If you encounter issues with your Broncolor RFS 2.1 Transmitter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Transmitter does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace with fresh batteries.
Flash units are not triggering.	Incorrect channel selection. Transmitter/receiver out of range. Flash units not powered on or in standby. Interference from other devices.	Ensure transmitter and flash units are on the same channel. Move closer to the flash units. Verify flash units are powered on and ready. Try a different channel.
Inconsistent triggering or reduced range.	Low battery in transmitter or flash units. Environmental interference. Obstructions between transmitter and receiver.	Replace batteries. Change channels or location. Ensure clear line of sight.

If the problem persists after trying these solutions, please contact Broncolor customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	36.133.00
ASIN	B01HDFEW62
Brand	Broncolor
Channels	40
Outdoor Range	656' (200 m)
Indoor Range	164' (50 m)
Power Control	Full Stop and 1/10 Stop
Product Dimensions	2.7 x 1.5 x 1 inches
Item Weight	1.1 pounds
Manufacturer	Broncolor
Date First Available	October 17, 2018

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Broncolor RFS 2.1 Transmitter, please contact Broncolor directly through their official website or authorized service centers. Keep your purchase receipt as proof of purchase for warranty claims.

You can find more information and contact details on the official Broncolor website: www.broncolor.com

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