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Profoto B10

Profoto B10 AirTTL Off-Camera Flash and Continuous Light

User Manual

INTRODUCTION

The Profoto B10 AirTTL is a compact and powerful off-camera flash and continuous light designed for professional photographers. It combines the power of multiple speedlights with the versatility of a continuous light source, all within a form factor similar to a camera lens. This manual provides instructions for the safe and effective use of your Profoto B10.



Image: The Profoto B10 AirTTL unit, showcasing its compact design and main controls.

WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- Profoto B10 AirTTL Unit
- Rechargeable Lithium-Ion Battery
- Battery Charger
- Stand Adapter
- Protective Cap
- USB-A to USB-C Cable

SETUP

1. Charging the Battery

1. Insert the rechargeable Lithium-Ion battery into the Profoto B10 unit.
2. Connect the battery charger to a power outlet and then to the B10 unit.

3. Allow the battery to fully charge before first use. The charging indicator on the unit will show the charging status.

2. Mounting the B10

The Profoto B10 can be mounted on camera tripods or light stands using the included stand adapter.

- Attach the stand adapter to the base of the B10 unit.
- Secure the B10 with the stand adapter onto a compatible light stand or tripod. Ensure the mounting knob is tightened securely to prevent accidental movement.

3. Connecting to a Remote

The B10 is compatible with all Profoto AirTTL Remotes, including the A1. Refer to your specific AirTTL Remote manual for pairing instructions. The B10 uses optical pulse wireless technology for communication.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press and hold the power button on the B10 unit to turn it on or off.

2. Flash Operation (AirTTL)

- Ensure your Profoto AirTTL Remote is paired and set to the correct channel.
- The B10 supports various shooting modes including High Speed Sync, Slow Sync, Rear Curtain Sync, and Front Curtain Sync. These modes are typically controlled via your camera or Profoto remote.
- The exposure control type is automatic (TTL) when used with a compatible AirTTL remote, providing accurate flash exposure.
- The B10 offers a guide number of 22 and a flash sync speed of 1/250 or faster, depending on your camera model.

3. Continuous Light Operation

- Activate the continuous light mode on the B10 unit.
- Adjust the brightness and color temperature using the controls on the B10 or via the Profoto app.
- The continuous light is suitable for video recording or as a modeling light for still photography.

4. Using the Profoto App

The Profoto B10 features smart connectivity with the Profoto app, available for compatible devices. The app allows for remote control of settings such as power, color temperature, and flash modes, enhancing flexibility during shoots.

5. Light Shaping Tools

The B10 is compatible with over 120 Profoto light shaping tools and works with the full OCF (Off-Camera Flash) range. Attach desired modifiers to the front of the B10 unit to shape and control the light output.

MAINTENANCE

Cleaning

Wipe the exterior of the B10 unit with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the unit is powered off and disconnected from any power source before cleaning.

Battery Care

- Store the Lithium-Ion battery in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If storing for extended periods, charge the battery to approximately 50% capacity.

Protective Cap

Always use the protective cap when transporting or storing the B10 unit to safeguard the flash tube and continuous light element.

TROUBLESHOOTING

- **Flash Not Firing:**
 - Check battery level and ensure the unit is powered on.
 - Verify that the Profoto AirTTL Remote is correctly paired and on the same channel as the B10.
 - Ensure the remote is not positioned too close to the B10 unit, as radio interference can occur. Adjust the distance between the remote and the flash.
 - Confirm camera settings are appropriate for flash photography (e.g., shutter speed within sync limits).
- **Continuous Light Not Working:**
 - Check battery level.
 - Ensure continuous light mode is activated.
 - Adjust brightness settings.
- **Difficulty Adjusting Mount Knob:**

If the mount adjustment knob becomes difficult to turn, ensure it is not overtightened. Apply gentle, firm pressure. Avoid using tools that could damage the knob or mounting mechanism.
- **App Connectivity Issues:**
 - Ensure Bluetooth is enabled on your mobile device.
 - Restart the Profoto B10 unit and the Profoto app.
 - Check for app updates.

SPECIFICATIONS

Model Number	B10
Brand	Profoto
Item Weight	7.3 Pounds
Guide Number	22
Flash Sync Speed	1/250 or faster
Exposure Control Type	Automatic
Shooting Modes	High Speed Sync, Slow Sync, Rear Curtain Sync, Front Curtain Sync
Wireless Technology	Optical Pulse
Mount Type	Hot Shoe Mount (via adapter)
Compatible Devices	Profoto AirTTL Remotes, Profoto A1, Profoto app, Profoto light shaping tools
Battery Type	1 Lithium Ion battery required
Color	Black

WARRANTY AND SUPPORT

Warranty Information

The Profoto B10 AirTTL is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Profoto website for detailed terms and conditions.

Customer Support

For technical assistance, service, or further inquiries, please contact Profoto customer support through their official website or authorized service centers. Keep your purchase receipt and product serial number available when contacting support.