

Canon 1170C002

Canon Battery Charger LC-E19 Instruction Manual

Model: LC-E19 (1170C002)

1. INTRODUCTION AND OVERVIEW

This instruction manual provides essential information for the safe and effective use of your Canon Battery Charger LC-E19. This charger is designed specifically for Canon LP-E19 batteries, commonly used with professional Canon EOS-1D X Mark II Digital Cameras and compatible models. Please read this manual thoroughly before use and keep it for future reference.

The Canon LC-E19 is a dedicated battery charger that allows for efficient charging and calibration of your camera batteries. It features two charging bays, A and B, and indicators for charging status and performance.

2. WHAT'S IN THE BOX

Upon opening the package, please ensure all the following items are present:

- Canon Battery Charger LC-E19
- Power Cord
- Instruction Book (this manual)
- ACC warranty card



Image: The Canon Battery Charger LC-E19 shown with its included power cord. The charger is black with two battery slots and indicator lights.

3. SETUP

1. **Unpacking:** Carefully remove the charger and all accessories from the packaging.
2. **Power Connection:** Connect the provided power cord to the charger's power input port. Plug the other end of the power cord into a standard electrical outlet. Ensure the voltage matches the charger's requirements (240.0V output voltage as per specifications).
3. **Battery Insertion:** Insert a compatible Canon LP-E19 battery into one of the charging bays (A or B) on the charger. Ensure the battery is inserted correctly, aligning the contacts.

4. OPERATING INSTRUCTIONS

4.1 Charging a Battery

1. Ensure the charger is connected to a power source.
2. Insert the LP-E19 battery into either slot A or B. The charging indicator light for that slot will illuminate, indicating charging has begun.

3. Monitor the charging progress using the percentage indicators (25%, 50%, 80%, 100%) next to each slot.
4. Once the 100% indicator light is solid, the battery is fully charged. Remove the battery from the charger.

4.2 Battery Calibration

The LC-E19 charger also supports battery calibration, which helps maintain battery performance and accuracy of remaining capacity display. Refer to your camera's manual for specific recommendations on when to calibrate batteries.

1. Insert the battery into a charging slot.
2. Press and hold the "CALIBRATE/PERFORMANCE" button until the calibration process begins. The indicator lights will show the calibration status.
3. Calibration can take several hours as it fully discharges and then recharges the battery. Do not interrupt the process.
4. Once calibration is complete, the battery will be fully charged and ready for use.

5. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power source before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Contact Points:** Periodically inspect the charging contacts on both the charger and the batteries for dust or debris. Clean gently with a dry cotton swab if necessary.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on.	No power from outlet; loose power cord connection.	Check power outlet with another device; ensure power cord is securely connected to both charger and outlet.
Battery not charging.	Battery not inserted correctly; incompatible battery; dirty contacts.	Re-insert battery, ensuring proper alignment; confirm battery is LP-E19; clean battery and charger contacts.
Charging takes too long.	Battery deeply discharged; battery performance degradation.	This is normal for deeply discharged batteries. Consider performing a calibration cycle. If issue persists, battery may need replacement.

7. SPECIFICATIONS

Feature	Detail
---------	--------

Feature	Detail
Product Type	Battery Charger
Model Number	LC-E19 (1170C002)
Brand	Canon
Compatible Battery	Canon LP-E19
Output Voltage	240.0V
Product Dimensions	1 x 3.2 x 8.6 inches (2.54 x 8.13 x 21.84 cm)
Item Weight	12.8 ounces (362.87 grams)
Country of Origin	China
First Available Date	February 2, 2016

8. WARRANTY AND SUPPORT

This product comes with an ACC warranty card included in the box. Please refer to the warranty card for specific terms and conditions of the manufacturer's warranty.

For technical support, service, or further inquiries, please visit the official Canon support website or contact Canon customer service. Keep your purchase receipt and warranty card for any warranty claims.

Note: Specific warranty duration and contact details may vary by region. Please consult the provided warranty card or Canon's official website for the most accurate information.