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Sony NP-BX1/M8

Sony NP-BX1/M8 Lithium-Ion X Type Battery Instruction Manual

Model: NP-BX1/M8

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1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Sony NP-BX1/M8 Lithium-Ion X Type Battery. Designed for various Sony Cyber-shot cameras and Action Cams, this rechargeable battery pack ensures your devices remain powered for extended periods.

2. KEY FEATURES

- Extended Power:** Shoot up to 330 photos or 80 minutes of video on a fully-charged battery.
- Reliable Performance:** Genuine Sony battery designed for optimal compatibility and performance with your devices.
- Compact Design:** Easily fits into your pocket or camera bag for convenient portability.

3. COMPATIBILITY

The Sony NP-BX1/M8 Lithium-Ion X Type Battery is compatible with a range of Sony cameras, including:

- Sony DSC-RX100 series (all models)
- Sony ZV-1 series (ZV-1, ZV-1F, ZV-1 Mark II)
- Sony HX90V
- Various Sony Action Cams

Always refer to your camera's user manual for specific battery compatibility information.

4. SETUP & CHARGING

4.1. Inserting the Battery

1. Ensure your camera is powered off.
2. Locate the battery compartment on your camera (typically on the bottom).
3. Slide the battery compartment latch to open it.
4. Insert the NP-BX1/M8 battery with the contacts facing the correct direction, as indicated by the diagram inside the compartment.
5. Gently push the battery until it clicks into place.
6. Close the battery compartment cover and slide the latch to secure it.

4.2. Charging the Battery

For optimal battery longevity and to prevent potential damage to your camera's charging port, it is highly recommended to use an external battery charger. While some cameras allow in-camera charging via a USB port, an external charger provides a dedicated and often faster charging solution.



Image: The Sony NP-BX1/M8 battery alongside compatible third-party alternatives.

Using an External Charger (Recommended)

1. Remove the NP-BX1/M8 battery from your camera.
2. Insert the battery into a compatible Sony external charger (e.g., Sony BC-TRX, ACC-TRDCX) or a reputable third-party charger.

3. Connect the charger to a power source (wall outlet or USB power bank).
4. Monitor the charging indicator lights on the charger. Lights typically change color (e.g., red to green) or display progress to indicate charging status.
5. Once fully charged, remove the battery from the charger.

Video: An overview of the Sony ACC-TRDCX Travel DC Charger Kit, demonstrating how to charge the NP-BX1 battery externally. This method is recommended to preserve camera port longevity and avoid heating the camera during charging.

In-Camera Charging (Alternative)

If an external charger is not available, you can charge the battery while it is inside the camera:

1. Ensure the battery is correctly inserted into the camera.
2. Connect the camera to a power source using a compatible USB cable (usually Micro-USB for older models or USB-C for newer models) and a USB AC adapter.
3. The camera's indicator light will show charging status.

5. USAGE TIPS

- **Carry Spares:** For extended shooting sessions or travel, it is advisable to carry at least two to three fully charged spare batteries.
- **Optimal Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Use a protective case to prevent short circuits.
- **Avoid Full Discharge:** While Lithium-Ion batteries do not suffer from memory effect, avoiding complete discharge can prolong their overall lifespan.
- **Temperature Considerations:** Battery performance can be affected by extreme cold. Keep batteries warm in cold environments to maximize usage.

6. SPECIFICATIONS

Feature	Detail
Battery Type	Lithium-Ion
Model Number	NP-BX1/M8
Voltage	3.6V
Battery Capacity	1240 mAh
Watt-hours	4.5Wh
Item Weight	0.882 ounces
Product Dimensions	3.88 x 1.25 x 5.88 inches
Manufacturer	Sony

7. TROUBLESHOOTING

7.1. Battery Not Charging

- Ensure the charger is properly connected to a power source and the battery is correctly inserted.
- Check for any visible damage to the battery or charger.
- Try a different power outlet or USB port.

7.2. Reduced Battery Life

- Battery capacity naturally degrades over time with repeated charge cycles.
- Extreme temperatures (hot or cold) can temporarily reduce battery performance.
- Ensure camera settings (e.g., screen brightness, Wi-Fi usage) are optimized for power saving.

7.3. Battery Swelling

If you notice any swelling or deformation of the battery, discontinue use immediately. Swollen batteries can be a safety hazard. Contact Sony customer support for assistance.

8. WARRANTY & SUPPORT

The Sony NP-BX1/M8 Lithium-Ion X Type Battery typically comes with a manufacturer's warranty. For specific warranty details and to register your product, please refer to the documentation included in the product packaging or visit the official Sony support website.

For technical support, troubleshooting, or service inquiries, please contact Sony customer service through their official channels.