

[Manuals.plus](#) /

> [Surpassed](#) /

> Surpassed AC Power Adapter Charger Instruction Manual for Sony DCR-TRV20, DCR-TRV20E, DCR-TRV22, DCR-TRV22E, DCR-TRV24, DCR-TRV24E MiniDV Handycam Camcorders

Surpassed AC-L100/L15B

Surpassed AC Power Adapter Charger Instruction Manual

For Sony DCR-TRV20, DCR-TRV20E, DCR-TRV22, DCR-TRV22E, DCR-TRV24, DCR-TRV24E MiniDV Handycam Camcorders

1. INTRODUCTION

Thank you for choosing the Surpassed AC Power Adapter Charger. This adapter is designed to provide continuous power to your compatible Sony MiniDV Handycam Camcorder models, including DCR-TRV20, DCR-TRV20E, DCR-TRV22, DCR-TRV22E, DCR-TRV24, and DCR-TRV24E. It serves as a reliable replacement for original Sony AC-L10, AC-L15, and AC-L100 series adapters. This manual provides important information for safe and proper use.



Image 1.1: The Surpassed AC Power Adapter Charger with its attached camcorder connector cable and a separate power cord.

2. SAFETY INFORMATION

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the wall outlet voltage matches the adapter's input specifications (100-240V AC).
- **Avoid Overloading:** Do not overload electrical outlets or extension cords.
- **Handle with Care:** Do not drop, disassemble, or attempt to repair the adapter. Refer servicing to qualified personnel.
- **Cable Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the adapter.
- **Disconnect When Not in Use:** Unplug the adapter from the power outlet when not in use for extended periods.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Surpassed AC Power Adapter (Model: AC-L100/L15B)
- 1 x Power Cord Cable (Standard plug type according to your country)

4. SETUP

Follow these steps to connect your AC Power Adapter to your camcorder:

1. **Connect Power Cord to Adapter:** Insert the 2-pin end of the power cord cable into the corresponding receptacle on the AC Power Adapter.
2. **Connect Adapter to Camcorder:** Locate the DC input jack on your Sony MiniDV Handycam Camcorder. Insert the small, rectangular connector from the AC Power Adapter's attached cable into this DC input jack. Ensure a firm connection.
3. **Connect Power Cord to Wall Outlet:** Plug the other end of the power cord cable into a standard AC wall outlet (100-240V).
4. **Power On Camcorder:** Once connected, you can power on your camcorder. The adapter will provide continuous power for operation.



Image 4.1: The AC Power Adapter with the detachable power cord connected, ready for use.

5. OPERATING

This AC Power Adapter is designed to supply uninterrupted power for your camcorder during extended video shoots, playback, or when transferring footage. It allows you to operate your camcorder without relying on battery power.

Important Note: This AC Power Adapter is designed to supply power to your camera or camcorder directly. **It cannot charge your camcorder's battery.** If you need to charge your battery, please use a dedicated battery charger or charge the battery within the camcorder using its original charging method if supported.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use.
- **Cable Inspection:** Periodically inspect the power cord and adapter cables for any signs of damage,

such as cuts or frayed insulation. Discontinue use if damage is found.

7. TROUBLESHOOTING

If you encounter issues with your AC Power Adapter, refer to the following common problems and solutions:

- **No Power to Camcorder:**
 - Ensure all connections (wall outlet, power cord to adapter, adapter to camcorder) are secure.
 - Verify the wall outlet is functional by testing it with another device.
 - Check the power cord and adapter for visible damage.
- **Adapter Feels Warm:**
 - It is normal for the adapter to feel slightly warm during operation. If it becomes excessively hot, disconnect it immediately and contact support.

If the problem persists after attempting these troubleshooting steps, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Surpassed AC Power Adapter Charger:



Image 8.1: The back of the AC Power Adapter displaying its input and output specifications and certifications.

Feature	Specification
Model	AC-L100/L15B
Rated Power	14.3W
Input Voltage	100V-240Vac
Input Current	0.18~0.35A
Input Frequency	50-60Hz
Output Voltage	DC 8.4V
Output Current	1.7A
Certifications	CE, FCC, RoHS

Feature	Specification
Connector Type	Barrel Connector (Camcorder side), 2 Pin (Power Cord side)
Special Features	Lightweight Design, Travel-friendly

9. WARRANTY & SUPPORT

Surpassed is committed to providing quality power products and excellent customer service. If you have any questions, concerns, or require assistance with your AC Power Adapter, please do not hesitate to contact us. We are here to help.

Please refer to your purchase documentation or the seller's contact information for details on warranty coverage and how to reach customer support.