

Advent ACABSC1

Advent ACABSC1 Side Mirror Blindspot Cameras User Manual

Model: ACABSC1

1. INTRODUCTION

The Advent ACABSC1 Side Mirror Blindspot Cameras are designed to enhance vehicle safety by providing a clear view of blindspot areas. These cameras feature a 1/3" CMOS high-resolution color sensor, a 150-degree wide-angle lens, and offer selectable parking lines and image orientation (normal/mirror). They can be utilized as auxiliary cameras for front, rear, or side vehicle monitoring.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Ensure the vehicle's power is disconnected before beginning installation to prevent electrical shock or damage.
- Professional installation is recommended for optimal performance and safety.
- Do not obstruct the camera's view or attempt to modify the product.
- Always adhere to local traffic laws and regulations.

3. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation:

- Two (2) Advent ACABSC1 Side Mirror Blindspot Cameras
- Two (2) Camera Extension Cables
- Two (2) Power/Video Harnesses



Image 3.1: Overview of the two Advent ACABSC1 cameras and their integrated cables.

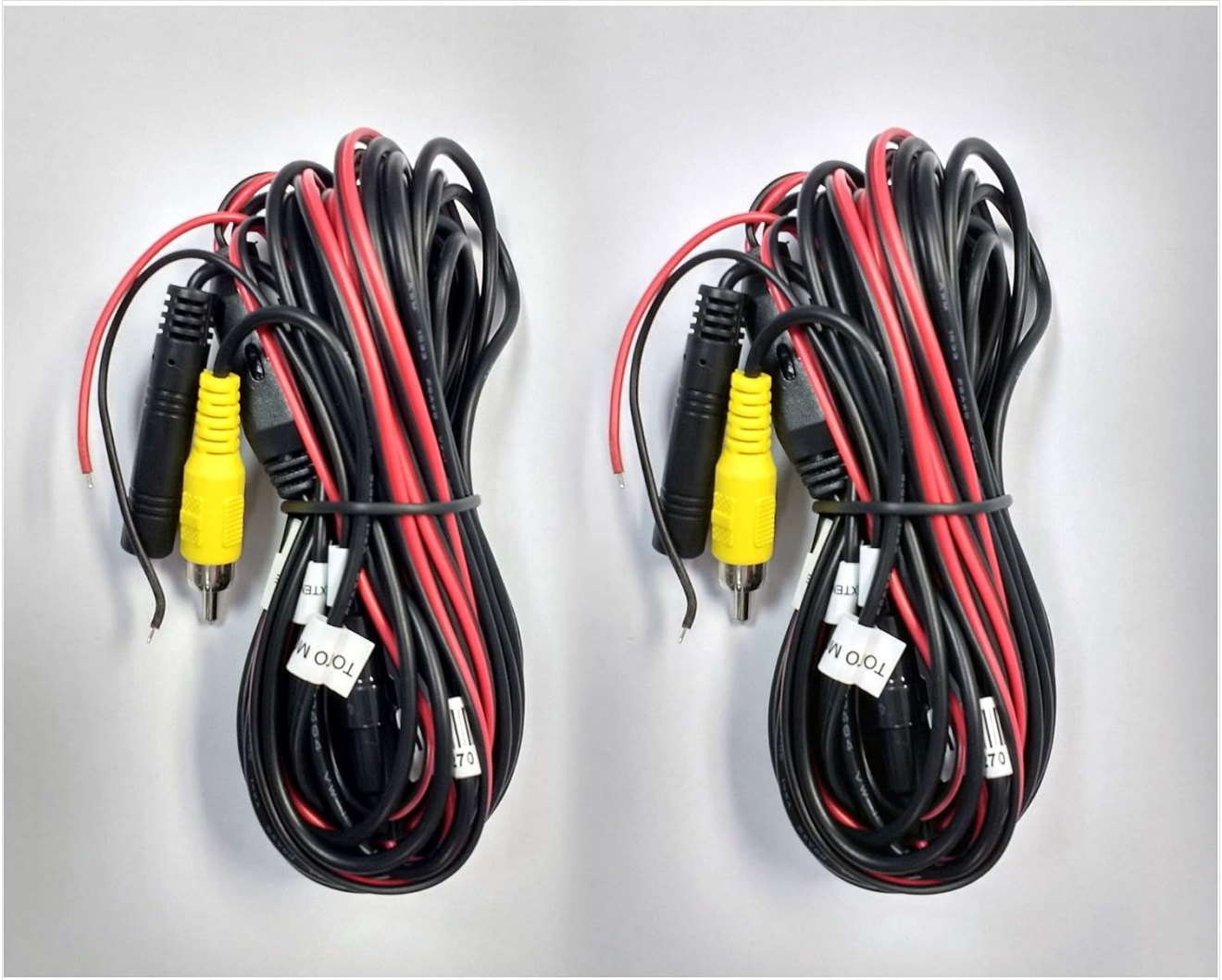


Image 3.2: The included video and power harnesses for connecting the cameras.

4. SETUP AND INSTALLATION

This section provides general guidelines for installing the Advent ACABSC1 cameras. Specific vehicle requirements may vary.

4.1 Camera Placement

- Identify suitable locations on the side mirrors or other auxiliary positions that provide an unobstructed view of the blindspot areas.
- Ensure the camera is securely mounted and angled correctly for the desired field of view.



Image 4.1: Detail of a single ACABSC1 camera, showing its compact design for discreet mounting.

4.2 Wiring Connections

1. Connect the camera's integrated cable to the provided extension cable.
2. Route the extension cable through the vehicle's interior to the desired display unit or interface.
3. Connect the extension cable to the power/video harness.
4. Connect the power wires of the harness to an appropriate 12V power source (e.g., reverse light trigger for rear view, turn signal trigger for side view, or a constant 12V source for continuous monitoring).
5. Connect the video output (RCA connector) to your vehicle's compatible display unit.

4.3 Image Settings

The ACABSC1 cameras feature selectable parking lines and image orientation. Consult your installer or the camera's wiring diagram for specific instructions on how to activate or deactivate these features, typically done by cutting or connecting specific wires on the camera harness.

- **Selectable Parking Lines:** Can be enabled or disabled based on user preference.
- **Selectable Image (Normal/Mirror):** Allows the image to be flipped horizontally, useful for front-facing cameras or specific display setups.

5. OPERATING INSTRUCTIONS

Once properly installed, the Advent ACABSC1 cameras will activate based on their wiring configuration:

- **Blindspot Monitoring:** If wired to turn signals, the corresponding camera view will appear on your display when the turn signal is activated.
- **Auxiliary Camera:** If wired to a constant power source or a dedicated switch, the camera can provide a continuous or on-demand view for various applications (e.g., front camera for parking, rear camera for towing).

The 150-degree wide-angle lens provides an expansive view, helping to reduce blind spots and improve situational awareness.

6. MAINTENANCE

To ensure optimal performance and longevity of your Advent ACABSC1 cameras:

- **Cleaning:** Gently clean the camera lens with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the lens or housing.
- **Inspection:** Periodically check the camera mounts and wiring for any signs of wear, damage, or looseness. Secure any loose connections or mounts.
- **Environmental Factors:** While designed for outdoor use, extreme weather conditions (e.g., heavy snow, ice, direct prolonged sunlight) may temporarily affect image quality.

7. TROUBLESHOOTING

If you encounter issues with your ACABSC1 cameras, consider the following:

- **No Image on Display:**
 - Check all power connections to ensure they are secure and receiving 12V.
 - Verify the video cable (RCA) is properly connected to both the camera harness and the display unit.
 - Ensure the display unit is set to the correct input channel.
- **Poor Image Quality:**
 - Clean the camera lens for dirt, dust, or moisture.
 - Check for any obstructions in the camera's field of view.
 - Ensure proper lighting conditions.
- **Incorrect Image Orientation (e.g., upside down, mirrored):**
 - Refer to the installation guide for instructions on how to adjust the image orientation settings (usually by cutting or connecting specific wires).

8. SPECIFICATIONS

Feature	Specification
Model Number	ACABSC1
Camera Type	1/3" CMOS High-Res Color Camera
Lens Angle	150 Degree Wide-angle

Feature	Specification
Image Output	Selectable Normal/Mirror
Parking Lines	Built-in Selectable
Fit Type	Universal Fit
Compatible Vehicle Types	SUVs, Select Cars, Truck
Item Weight (Package)	2 Pounds
Package Dimensions (L x W x H)	15.25 x 17 x 9.75 inches
UPC	044476128530

9. WARRANTY INFORMATION

VOXX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product (excluding accessories, i.e., Headphones, Remote Controls, and Game Controllers) under normal use and conditions be proven defective in material or workmanship within **36 months** from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor. A Headphone, Remote Control, or Game Controller, if supplied, is similarly warranted for ninety (90) days.

10. SUPPORT

For technical assistance, installation inquiries, or warranty claims, please refer to the contact information provided with your purchase documentation or visit the official Advent product support website. It is recommended to have your model number (ACABSC1) and proof of purchase available when seeking support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question