



**ABC2-1003-BLK
Solar Powered
Backup Camera**



ARMORALL ABC2-1003-BLK Solar Powered Backup Camera User Manual

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ARMORALL ABC2-1003-BLK Solar Powered Backup Camera



Overview

Thank you for purchasing the Solar Backup Camera and Display. Our all-inclusive kits are hassle-free and do not require the need to modify your car or hire a professional installer. The built-in solar panel will provide a trickle charge to the internal battery of the camera, keeping your backup camera charged and ready for use!



What's Included

- Solar Backup Camera Mount
- 4.3" LCD Display
- Suction Mount
- DC Car Charger with Power Cable
- USB-C Charging Cable
- Antenna
- DIY Mount Kit

- User Manual

Getting Started

The Solar Backup Camera and Display should be paired from the factory. If for some reason these devices are not paired or become unpaired, please see pairing instructions.

- This Solar Backup Camera contains an internal rechargeable, non-replaceable lithium-ion battery.
- Press the power button to turn on the device, the camera will automatically sync with the display unit.
- Before first use, make sure to fully charge the backup camera battery via the USB-C port inside the charging port.
- If the camera is not functioning properly, press and hold the reset button for 3 seconds to restore factory settings, located inside the charging port.
- The solar panel will provide a trickle charge for the internal battery, depending on the weather conditions.

NOTE: Because the camera will be exposed to the natural elements, it may be necessary from time to time to gently wipe down the camera lens with a mild soap or detergent.

CAUTION:

Before using this product, please read this entire user manual including all cautions and warnings. Keep this user manual for future reference. Before using this product, check with all local, state, and federal regulations for mounting the Solar Backup Camera onto a vehicle and or affixing the display unit. Many jurisdictions do not permit the license plates and or the dashboard/windshield to be obscured. This product is not intended to be used during normal driving but only as an aid while backing up a car at speeds under 5 MPH. This product is not a substitute for safe driving. Always check your surroundings, use your mirrors, and abide by all local, state, and federal motor vehicle laws while operating a motor vehicle.

Installation

Display:

- Connect the display to the display mount.
- Clamp the display mount in the desired location and close the locking lever.
- Attach the antenna to the display and hand-tighten it down.

Solar Backup Camera:

- Connect the Solar Backup Camera to the underside of your license plate and align the bracket with the license plate screwholes.
- Install the license plate screws through the license plate, thru the Solar Backup Camera mounting bracket, and into the vehicle's license plate screw holes.
- Once the product is installed and the angle adjusted, tighten the Allen screws with the included Allen wrench.
- Refer to your vehicle owner's manual for compatibility with this product.

NOTE: To protect car paint, do not allow the Solar Backup Camera or mounting bracket to touch the surface of your car.



Operation

Pairing:

- Make sure both the Solar Camera and Display are powered on.
- Hold the “M” button on the display for 2 seconds to enter pairing mode.
- Press the +/- button to select the name of the desired camera.
- Press the “M” button to confirm and end the pairing mode.

NOTE: If no name is displayed after pairing mode is entered, press the “Flip” button to begin the pairing search again.

Display:

- Connect the car charger to the display and a 12V car auxiliary power outlet, and depress the power switch.
- Press the power button to turn on the display and use the other controls as shown in the diagram.

NOTE: Do not leave the car charger connected to the vehicle when the engine is turned off as this could lead to the draining of the car’s battery. The car charger includes an additional USB-A charging port for convenience.

Display Specifications:

- **Resolution** – 480 × 272
- **Power Supply** – 5V Car Adapter
- **Operating Temperature** – (-10°C) ~ (+70°C)
- **Storage Temperature** – (-20°C) ~ (+80°C)
- **Dimensions** – 4.4" × 0.9" × 2.9"

Camera Specifications:

- **Image Sensor** – 1/4" HD CMOS
- 1P65 weather resistant
- View Angle – 160°
- Camera Pixel – 1000TVL
- Battery Capacity – 4800mAh
- Operating Temperature – (-10°C) ~ (+60°C)
- Storage Temperature – (-20°C) ~ (+65°C)
- Dimensions – 9" x 7.2" x 1.2"
- Power Input – USB-C, 5V/1A



***Long press for 3 seconds to turn on**

***Short press on reset hole to restore factory settings**

Button Display Operation

Button	Menu Not Opened	Menu Opened
(+)	Short press: Turn on/off Guidelines Long press: No function	Short press: Menu plus Long press: No function
Menu	Short press: Open menu settings Long press: Enter/exit code pairing mode	Short press: Confirm and enter the next menu setting Long press: Enter/exit pairing mode
(-)	Short press: No function Long press: No function	Short press: Menu minus Long press: No function
Flip	Short press: Rotate Camera Image Long press: No function	Short press: Confirm and exit the menu Long press: No function
Power	Short press: Turn On/Off Long press: No function	Short press: Turn On/Off Long press: No function

Guideline Adjustment:

Press the “Menu” key for 1 second, the display will enter the guideline adjustment mode.

Vertical Adjustment:

- Press the “Menu” button again and you will see a V icon appear, indicating vertical adjustment mode.
- Press the (+ or -) buttons to adjust the guidelines up or down.



Width Adjustment:

- Press the “Menu” key again and you will see a W icon appear, indicating width adjustment mode.
- Press the (+ or -) buttons to increase or decrease the width of the guidelines.



Warnings:

- Read all the instructions before using the product, and use the product as intended.
- Before using this product, please read this entire user manual including all cautions and warnings, and keep this user manual for future reference.
- When using this product, be aware that there is always a latency or delay between real-time activity and the displayed image of that activity.
- Use caution while driving with this product to ensure that the product is securely mounting and will not become loose or dislodged and cause a vehicle or road hazard.
- This product is not a substitute for safe driving.
- This product is to only be used as a parking aid in addition to using your mirrors and being aware of your surroundings while the vehicle is moving less than 5 MPH.
- Do not charge the product immediately after use or while it is still hot.
- Store and charge the product away from corrosive or flammable materials.
- Use in a well-ventilated area when charging.
- Stop using or charging if any abnormality occurs.
- Do not use products near water such as swimming pools, bathtubs, or sinks.
- Do not operate if damaged or modified. Stop using the product if it has any evidence of bulging or swelling. Damaged batteries may exhibit unpredictable behavior, resulting in injury, explosion, or risk of injury.
- This product contains a non-replaceable rechargeable lithium-ion battery. When discarding, follow your local / state guidelines.
- The internal lithium-ion battery capacity will degrade over time.
- Do not open the product, no user-serviceable parts inside.
- Please keep this product away from children.
- Do not use abrasive cleaning solvents to clean the unit. The temperature exceeds outside even when installed on a vehicle if the temperature exceeds 65°C.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, under Part 15 of the

FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

FCC Compliance

This device complies with Part 15 of the FCC. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ONE YEAR WARRANTY

Xtreme, official licensee of Armor All™ warrants its products for ONE YEAR against defects in manufacturing under regular consumer use with original receipt of retail purchase. We believe in our products and want to provide you with a replacement if needed, but we have to know about the problem while the product is still under warranty. If you discover a defect replacement. Y hider to use please ducts warrant receivistomer must provide proof of the retailer's receipt. *Any customers outside of the U.S. will be responsible for shipping and handling charges if a replacement is required that is not due to a manufacturing defect. If there is not a manufacturing defect shipping and handling will be applied. Xtreme's warranty is limited to our products only. Our warranty does not cover the replacement or repair cost of any third-party accessory, electronic device, or personal property.


For instructions about how to obtain warranty service for your product, please contact Customer Service atinfo@ArmorAllElectronics.com.



Scan the QR Code on the front of this manual or below to extend your warranty from 1 Year to 2 Year Limited.

<div>Jem Accessories, Inc.</div>	<div>PROJECT: ABC2-1003-BLK</div> <div>DATE: 10-22-2024</div> <div>DESIGNER: Phil A</div> <div>DIE ORIGIN: NEW</div>	<div>ARTBOARD</div> <div>1 OF 1</div>	<div>FOLDED PAGE SIZE: 3.250W x 4.625H"</div>
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Documents / Resources

	<div> ARMORALL ABC2-1003-BLK Solar Powered Backup Camera [pdf] User Manual </div> <div> 2AHAS-ABC21003, 2AHASABC21003, abc21003, ABC2-1003-BLK Solar Powered Backup Camera, ABC2-1003-BLK, Solar Powered Backup Camera, Powered Backup Camera, Backup Camera, Camera </div>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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