

ART+SOUND™



ARAC02
HD Camera
User Manual

Before You Begin...

READ ENTIRE MANUAL AND KEEP FOR FUTURE REFERENCE

Warning

1. Avoid damage to your camera caused by extreme shock, dropping, or excessive force.
2. Do not expose camera to strong magnetic forces.
3. Avoid extended exposure to high temperatures and direct sunlight.
4. Always use quality branded SD cards. Cheaper SD cards may not work.
5. Avoid data loss, do not place Micro SD card near strong magnetic objects.
6. Avoid overheating, always unplug your camera immediately after charging.
7. This device is not a toy, and not intended for use by children.
8. Store the camera in a cool and dry environment.
9. Properly fasten the waterproof housing when using in or near water.
10. Do not use below a water depth of 100 feet (30 meters).

Preface

This product is a high-definition digital motion video recording device. It has a variety of industry-leading features including digital video recording, photo shooting, audio recording, video display, and detachable battery, which makes it perfect for vehicle data recording, photo-shooting, outdoor sports, home security, deep-water activities, snow sports, and more.

Product Features

- > The water-resistant casing allows use underwater to depth of 30 meters / 100 feet
- > High definition LCD screen to display and replay recorded images & videos
- > Detachable battery is easy to replace and prolongs your camera's service life
- > Video recording while charging
- > Video recording with battery
- > Supports micro SD storage cards up to 32GB maximum
- > Multiple video recording formats: 1920*1080P; 1280*720P; 640*480P

Accessories

In the Box

- ARAC02 - **Camera** (x1)
- Battery (Pre-Installed) (x1)
- USB Cable (x1)
- Clip (x1)
- User Manual (x1)



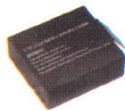
Camera



Clip 1



USB Cable

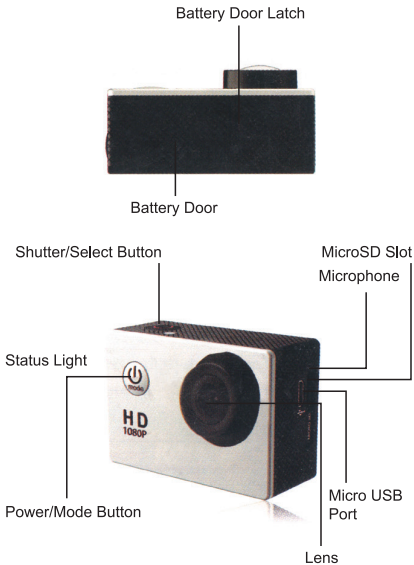


Battery



Manual

Location of Controls



Location of Controls (cont'd)

Status Indicator Light

Up Button



Screen

Speaker

Down/Shutter Button

Mounting the Camera



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Getting Started

1. Inserting Micro SD Card

Slide SD card into the slot located next to the USB input port on the side of the unit. Follow the diagram and do not force the SD card in case it has been inserted the wrong way. Always use a quality branded Micro SD cards (High speed Class 10). Budget brand cards may not work.

2. Installing and removing batteries

- A Carefully press the Battery Door Latch to open or close the Battery Door.
- B Always install the battery by aligning the +/- symbols.
- C Battery Level is displayed on the LCD.

3. Charging

- A Charging can be done by either connecting camera to computer or a power transformer (not supplied), using the supplied USB cable.
- B Charge in vehicle using the USB cable, and a 12V car USB outlet (not supplied).
- C One four-hour charge provides up to 90 minutes operation time. The camera can operate while charging (Select vehicle-mounted Mode in "Menu").
- D A red LED next to the LCD screen indicates the unit is plugged in and charging. The camera will still charge when it's powered off.

4. Switching camera on and off

Press and hold Power/Mode button for 3 to 5 seconds to turn it on/ off.

5. Mode Switching

Press the Power/Mode button to switch between the main menus.

6. Setup Menu

Press the Power/Mode until LCD shows the Setup Menu. Use the Up / Down buttons on the side of the camera to cycle between menu settings, where you can adjust:

Resolution	Date Tag	Motion Detection
Cyclic Recording	Audio	EV (extend viewing)
Fast View	Delay Pictures	Delete
Lock	Volume	Format
Language	Auto Power Off	Screen Saver
Reset System	Frequency	Time Settings
Video Rotate	Software Version	

7. How to record videos and configure recording setting

- A Video Recording: Switch to video recording mode, Press OK to start recording. Press "OK" again if you want to stop video.
- B Photo shooting & Settings: Press the Power/Mode Button to switch the camera to "Photo Shooting Mode", Press "OK" button to take photos.

8. File Storage & Playing

After you are done recording, use a USB cable to export the videos onto a computer to play. Or you can take the Micro SD card out and access the image data with a card reader.

Tech Specs

Liquid Crystal Display (LCD)	2.0LTPS
Lens	90° angle lens
Language Options	English/Simplified & Traditional Chinese/Italian/Spanish/Portuguese/German/Dutch/French/Czech/Magyar/Polish/Turkish/Russian/Japanese/Korean
Resolution of Videos Recorded	1920x1080P (interpolated), 1280*720P, VGA 640x480P
Video Format	AVI
Compressed Format of Videos	M-JPG
Storage	Micro SD (not included)
Frequency of Optical Source	50Hz / 60Hz
USB Interface	USB2.0
Power Source Interface	5V 1A
Battery Capacity	200MAh
Power Dissipation	400mA@4.2V
Recording Time	About 60 minutes
Charging Time	Approx. 3 hours
Operating System (OS)	Windows & Macintosh

Compliance Information

FCC Information

This device complies with Part 15 of the FCC Rules.

Caution: Any changes or modifications not expressly approved could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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 in accordance with 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 receiver.
- Connect the equipment into 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.

This device complies with Part 15 of the FCC Rules. 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.

Radiation Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

WARNING Li-ion Battery Inside

This product is fitted with a Li-ion battery. Do not damage, open, or dismantle the battery and do not use it in damp and/or corrosive conditions. Use only with compatible chargers. Never dispose of batteries in a fire, and never expose them to high temperatures. Do not expose the product to temperatures exceeding 60°C (140°F).

Rating Label Definitions

≡ Direct current symbol.



This symbol signifies the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment.



This symbol signifies and declares that this equipment has battery charging which complies with California CEC and energy efficiency.



This symbol signifies that this is a wireless device powered by Bluetooth® technology.



This symbol represents FCC Declaration of Conformity and compliance.



Warranty Information

90-Day Limited Warranty

Territory: United States/Canada

LIMITED WARRANTY TO ORIGINAL CONSUMER

This product as supplied and distributed new by an authorized retailer is warranted by Southern Telecom, Inc. to the original consumer purchaser against defects in materials and workmanship ("Warranty") as follows:

To obtain warranty service:

- Visit our customer support portal: www.customersupport123.com
- Select the brand and model of your device
- Select "Service Request" and fill out the form to begin your inquiry
- Exchanges require dated proof of purchase from an authorized retailer

Your product will be repaired or replaced, at our option, for the same or similar model of equal value if examination by the service center determines this product is defective. Products received damaged as a result of shipping will require you to file a claim with the carrier.

Warranty service not provided

This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification including software modifications such as the installation of custom firmware. This warranty is voided in the event any unauthorized person opens, alters or repairs this product. All products being returned to the authorized service center for repair must be suitably packaged.

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