

# ARCHOS HELMET CAMCORDER

FOR ARCHOS GEN 5 SERIES

ENGLISH USER GUIDE



Entertainment *your* way **ARCHOS**

ARCHOS 605: sold separately - VERSION 1.0 - P/N: 105814



# TABLE OF CONTENTS

Box Contents .....	3
Connections.....	3
Helmet CamCorder Description.....	4
Making Recordings.....	5
Precautions .....	8
Register Your Product!.....	9
Technical Specifications.....	10

## ? NEED HELP?

Here are some ways to find the information you may need:



### On our Website

See the Frequently Asked Questions section on [www.archos.com/faq](http://www.archos.com/faq).  
Also visit [www.archos.com/manuals](http://www.archos.com/manuals) for the most recent version of this manual.



### Contact our Technical Support Team

Visit [www.archos.com/support](http://www.archos.com/support) for e-mail support.  
*U.S. & Canada: Call 877-300-8879 (toll free)*



# BOX CONTENTS

*Please note: actual box contents may vary and are subject to change without prior notice.*



Helmet Cam



Headband



Protective Pouch



DVR Travel Adapter



This User Guide



Legal & Safety Notices

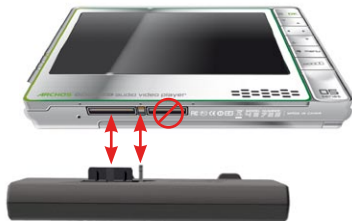


# CONNECTIONS

You can make these connections before switching on the device or while it is running.

Carefully connect/disconnect the adapter to/from your ARCHOS device.

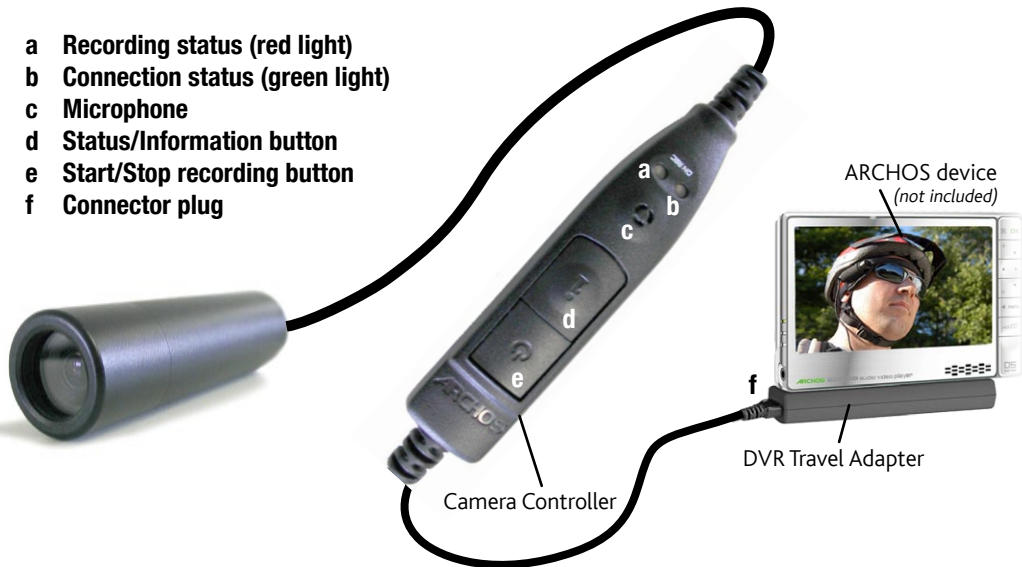
**Do not force: you could break the connectors!**





# HELMET CAMCORDER DESCRIPTION

- a** Recording status (red light)
- b** Connection status (green light)
- c** Microphone
- d** Status/Information button
- e** Start/Stop recording button
- f** Connector plug





# MAKING RECORDINGS

## Recording with your ARCHOS Helmet Cam

- Your ARCHOS Helmet CamCorder will be powered through your ARCHOS device, so be sure to charge it fully when intending to make longer recordings.
- You can clip the controller of your ARCHOS Helmet CamCorder for example onto your shirt pocket. The camera itself is typically fitted into the headband and worn so that you record what you see.
- The next two sections explain the two options for making a recording: **using the camera controller**, or **using the Video recorder application of your ARCHOS device**, which lets you set a number of parameters.

## Making a Recording Using the Camera Controller

### • To start recording:

Press the *Start/Stop* button on your camera controller. The red and green lights will momentarily go on, and on the screen of your ARCHOS device, you will see a message indicating that a video signal is detected. The image transmitted from the camera will then be displayed and the recording will start.

### • To stop recording:

Press the *Start/Stop* button on the camera controller again. This time, only the green light will display. This indicates that the recording has stopped. The ARCHOS device will now save your video file and take you to the folder where the video is saved.

**Note:** *pressing the Start/Stop button on the controller also works while the buttons of your ARCHOS device are locked. You can thus conveniently make a recording while carrying your ARCHOS device in a backpack, for example.*

## Making a Recording Using the Video recorder Application of your ARCHOS Device

PLEASE REFER TO THE SECTION ON MAKING A VIDEO RECORDING IN THE USER MANUAL OF YOUR ARCHOS DEVICE.

- Open the **Video recorder** application.
- Your ARCHOS device now powers the camera. On the screen, you see the image the camera is currently seeing. This preview screen thus permits you to adjust the position or direction of the camera before you start your recording.

### Settings

A number of settings such as resolution and bitrate can be adjusted. Normally you do not need to change these settings.

**Note:** For information on the other settings, please refer to the section on making a video recording in the user manual of your ARCHOS device. Please note that the parameter *Format* does not exist as the setting is pre-determined by the camera. For the same reason, the parameter *Source* can only be set to 'Composite' or 'Black & White'.

## Checking the Status of the ARCHOS Helmet Cam

In order to find out whether the Helmet CamCorder is idle or recording, press the *Status* Button. The lights will indicate the status of the ARCHOS device as shown below:

- **Red and green:** the ARCHOS device is presently making a recording.
- **Green:** the Helmet CamCorder is connected correctly to the ARCHOS device and a recording can be started.
- **No light:** the Helmet CamCorder is not connected properly to the ARCHOS device or the device is off.

## Notes on the ARCHOS Helmet Cam

- Do not be concerned if the controller's lights are not lit while your Helmet CamCorder is in use. This is normal.
- The loudspeaker of your ARCHOS device will be disabled during the recording as this could result in audio feedback. The microphone integrated into the camera controller will record the sound. Therefore make sure that it is not covered in order to obtain the best possible sound for your recording.
- If images look distorted, you might be too close to the object you are filming. This effect is also referred to as "fish eye effect". The range for obtaining undistorted images is between 1.5 and 10 meters.



# PRECAUTIONS

## **Please note the following points in order to avoid damage to your ARCHOS Helmet Cam:**

- Do not attempt to take the camera apart. There are no customer-serviceable parts inside, and you could receive an electric shock.
- Handle the camera with care. A violent shock, for example through a fall, could damage it.
- Use the camera in moderate conditions. Avoid cold or hot temperatures, humidity over 85%, and dust or sand.
- The same precautions apply to the controller.
- Please be aware that the camera and controller are not water-proof and should be kept away from water.
- To clean the camera only use products specifically designed to clean optical lenses.
- NEVER direct the camera at the sun!





# REGISTER YOUR PRODUCT!

**[www.archos.com/register](http://www.archos.com/register)**

Once you unpack your ARCHOS product, we ask that you take a few minutes to register it. This will ensure that you have access to our help line and that we will be able to answer your inquiries, either by telephone or e-mail in the quickest and timeliest manner. This will also allow us to keep you informed about software updates or special late-breaking information about your device. Please use your Internet connection and connect to the above shown web page to register your product.



# TECHNICAL SPECIFICATIONS

## Technical Specifications: ARCHOS Helmet Cam

Resolution .....	420 TV Lines
CCD.....	1/4-inch SONY Super HAD color CCD
Lens.....	Fixed Pinhole 3.6mm
Field Of View .....	72.5 degrees
Depth of Field .....	1.5 to 10 meters
White balance.....	Automatic
Light Sensitivity.....	1.0 Lux / F 1.2
Power Supply .....	Powered by ARCHOS device
Recording resolution with ARCHOS device .....	512 x 384 (Optimal) or 640 x 480 (VGA)
Weight.....	approx. 100 g – 3.5 oz with DVR Travel Adapter
Dimensions .....	20.5 mm (Ø) x 72 mm (L)
CCD resolution .....	Model NTSC: 512 x 492 - Model PAL: 582 x 500
Operating temperature .....	approx. 5°C to 35°C / approx. 41°F to 95°F
System requirements .....	ARCHOS portable media player GEN 5

All brands and product names are registered trademarks and the property of their respective owners.  
Specifications are subject to change without notice. Errors or omissions excepted. Images and illustrations may not always match contents.  
All the information contained in this guide was correct at the time of publication.  
COPYRIGHT ARCHOS™ © 2007. All rights reserved.