

User Manual



RoboCam[®]

RoboCam User Manual

Important Information - Please read this manual carefully before attempting to operate the equipment.

The headset contains an enclosed compact digital camera, which records with meticulous clarity and detail the same view as the operator. The recorded images are transmitted via a cable directly to the portable hard drive. The digital camera's design sensitivity enables it to operate effectively even in dark conditions. The headset is also equipped with a discreetly hidden microphone, which produces sound recording quality similar to that of a Compact Disc.

Guarantee - The RoboCam unit is guaranteed for a period of twelve months from the date of purchase. In the unlikely event of a fault developing during this period, please return the unit with a copy of the purchase receipt to your supplier. This guarantee does not extend to damage caused by misuse, negligence or faults within ancillary equipment. This guarantee in no way affects your statutory rights.

Specification

Camera body:

Moulded in high impact ABS polymer, a material that is resistant to the knocks and scrapes of a tough working environment. The lens cover is machined from solid aluminium and polished to a stunning and resilient bright finish

Camera:

Miniature high resolution, 1/4" CCD Colour DSP Camera, 500 (H) x 582 (V) - 291.000 pixels, 0.6 Lux max. (Output level 50% / AGC ON / F1,4), Auto White Balance featuring 380 T.V lines. The camera features an automatic iris for exposure correction.

Earpiece:

Offers the professional user an integral two way radio earpiece feature with compatible with most popular covert earpieces.

Microphone:

Miniature built in quality omni directional condenser microphone.

Headband:

Formed from corrosion-resistant stainless spring steel to give a perfect grip for pinpoint positioning and reassuring stability. Head plates are cushioned with silicone rubber buffers designed for grip and comfort. Headbands clip into place and are designed to be replaceable.

Hard Drive:

Capacity: 30 GB* Hard drive, store up to 130 hours of video.

Display: 4" LCD 480x272 pixels, 262 000 colours and TV output.

Video recording: MPEG-46 SP and stereo sound, optimised resolution for TV up to 640x480 @ 30 f/s, in AVI format.

Video playback: MPEG-46 SP with B-Frames with stereo sound. Near DVD quality up to 720x480 @ 30 f/s (NTSC), 720x576 @ 25 f/s (PAL), AVI file format. WMV9 (including protected files) up to 352x288 @ 30 f/s, and 800 KBit/s4.

Speaker: Built-in speaker.

Interfaces: USB 2.0 high-speed device, compatible USB 1.1, PC & Mac.

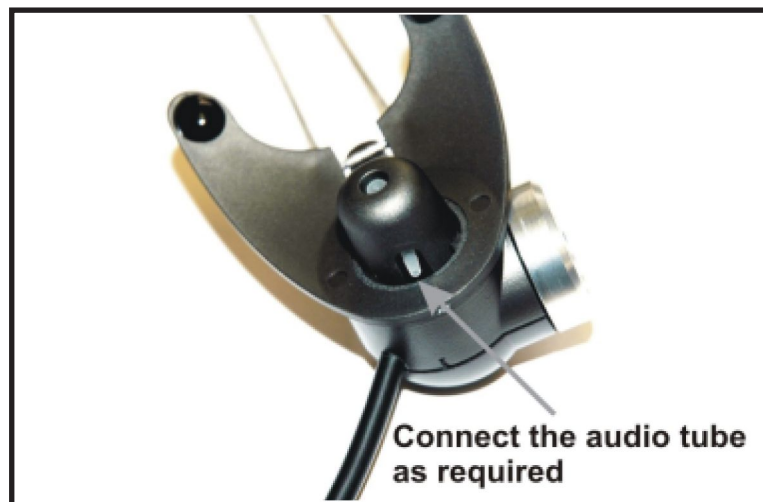
USB Host port compatible Mass Storage Device.

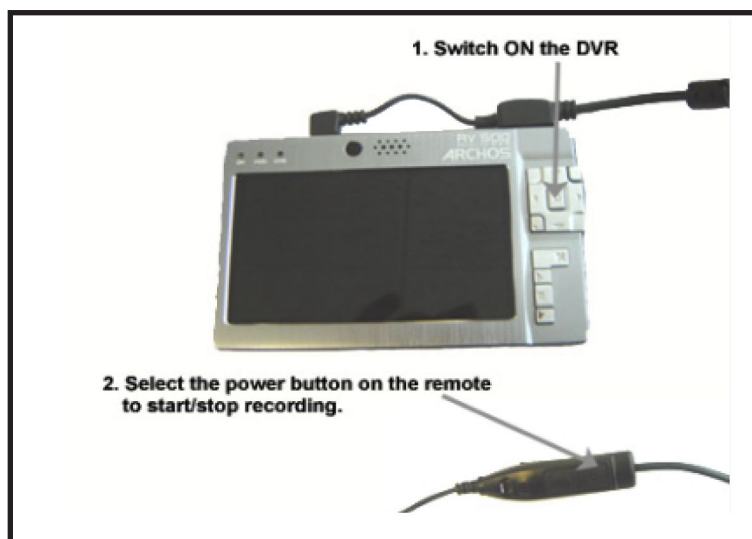
Battery life: Up to 4.5 hours, 5 for video on built-in LCD.

Power source: Internal: rechargeable Lithium-Ion Battery. External: AC charger/adapter.

Dimensions: model approx.: 7.6 x 12.4 x 1.8 cm - 3 x 4.9 x 0.7 "

Weight: For 30 GB* model: 255 g - 8.99 oz





For further information on the DVR (e.g.; time & date settings or file administration) please refer to the ARCHOS DVR manual included in your package.

Aligning your vision & RoboCam

To ensure your eyes and RoboCam are viewing in the same direction, remember to move your head in the direction of the subject. You will instinctively look in different directions by moving your eyes, but with a little practice you will begin to coordinate your field of vision with RoboCam. When looking in any direction use smooth exaggerated movements to ensure the RoboCam is capturing the correct subject. Practice and review the recording to establish corrective measures.

Tip: Practice in front of a mirror by moving your head in different directions and playback the recording.

Health & Safety

If you are near or involved in an incident take care to avoid being struck on the ear to which the ear piece is inserted. Ideally position yourself to observe any incidents rather than direct physical involvement. The Robocam earpiece has been designed to minimise the impact damage to the ear in these worst case scenarios.

The electronic system within the Robocam unit has been designed to comply with the European Low Voltage Directive and CE compliance. Electromagnetic emissions are virtually non-existent rendering the product completely safe for frequent, day-to-day use.

This product carries the CE mark to indicate conformity with the European directive on Electromagnetic Compatibility (EMC Directive 89/336/EEC) and the European Low Voltage Directive (LVD 73/23/EEC)

CE

