Shoot, share & wear

MPEG4 camcorder + photos + MP3

Live and capture any moment with the ultra cool and compact 128MB Digital Camcorder Key019.
Shoot 25 minutes of MPEG4 video, or snap up to 200 2.0 Mpixel pictures and enjoy MP3 music.
Share your memories on any PC via direct USB

Ready to wear, Ready to go
- Small and wearable - weighing just 2.1 ounces
- Ultra lightweight, strong and durable magnesium body
- External battery pack for hours more enjoyment

Smart camcorder with direct USB
- Microdisplay Viewfinder lets you frame, capture and playback
- Direct USB for easy file transfers without cables!
- Direct battery recharge via USB
- 5-Key in-cord remote control to easily control your camcorder

Multimedia - anytime, anywhere
- Record up to 25 minutes of high quality MPEG4 video
- Snap up to 200 quality 2 Megapixel pictures
- Enjoy MP3 playback
- 128MB* internal flash memory
- USB mass storage to store and carry your data files

GoGear™

PHILIPS

Digital camcorder

Key019/17

Technical specifications

Picture / Display
- Lines of text: 2

Sound
- Frequency response: 30 - 16 000 Hz
- Output Power: 2 x 4.5 mW (16 Ohm)
- Signal to noise ratio: >86
- THD: 0.3 - 1%

Video Capturing
- Aperture: F2.8
- Audio format: ADPCM
- Bit rate: 700 kbps
- Exposure range: EV 7-14
- Focus distance: > 130 cm
- Frame rate: 30 fps
- Image sensor resolution: 2M
- Image sensor size: 1/2 "
- Image sensor type: CMOS
- Lens: Fixed focus length
- Sensitivity: ISO 50-200 auto adjustment
- Video file format: ASF
- Video format: MPEG4
- Video resolution: QVGA
- Viewfinder: microdisplay viewfinder
- Viewfinder resolution: 320 x 240 at 30 fps

Audio Playback
- Compression format: MP3
- MP3 bit rates: 8-320 kbps and VBR
- MP3 sample rates:
  8, 11.025, 16, 22.050, 32, 44.1, 48 KHz

Still Picture Capturing
- Aperture: F2.8
- Exposure range: EV 7-14
- Focus distance: > 1.3 m
- Image sensor size: 1/2 inch
- Image sensor type: CMOS
- Lens: fixed focus length
- Picture file format: JPEG
- Picture resolution: 2M
- Sensitivity: ISO 50-200 auto adjustment
- Viewfinder: microdisplay viewfinder
- White balance: Automatic

Storage Media
- Built-in memory capacity: 128MB*
- Built-in memory type: NAND Flash
- Mass storage class compliant
- Music memory capacity, MP3:
  up to 32 songs*
- Picture memory capacity: up to 200 pictures*
- Video memory capacity: up to 25 minutes*

Connectivity
- Headphone: 3.5 mm
- USB: 1.1

Accessories
- CD-ROM (AY4491)
- External battery pack (AY4380)
- Headphones (HE570/77P)
- Neck strap (AY4216)
- USB extension cable (AY3914)
- 5-key in-cord remote control (AY3784)
- Printed User Guide
- Quick start guide

Software
- Photo software:
  Photo impression, Collage creator
- Video software: Video impression

Green Specifications
- Lead-free soldered product

System Requirements
- CD-ROM drive
- PC OS: Windows 98 SE, 2000, ME, XP
- Sound card
- Video card

Dimensions
- Casing material: Magnesium
- Master carton dimension (WxHxD):
  8.86 x 9.84 x 6.89 inch
- Master carton quantity: 3
- Packaging dimension (WxHxD):
  7.87 x 8.70 x 2.13 inch
- Packaging type: Clamshell
- Product dimension (WxHxD):
  1.26 x 3.80 x 0.89 inch
- Product weight: 2.12 oz

Power
- Battery capacity: 330 mAh
- Battery type: Li-ion
- Charging time: approximately 3 hours
- External battery type: 2 x AA
- Recording time:
  Internal battery 43 mins**
  External battery 30 mins**

Product highlights

External battery pack
The External battery pack is a sleek battery pack that snaps snugly onto your camcorder and delivers additional power for video, photo and music enjoyment on the go. The external battery pack uses standard alkaline batteries from where the camcorder draws power. The result is even longer hours of pure enjoyment.

Microdisplay viewfinder
Microdisplay viewfinder combines the latest LCD technology with high precision optics to enable you to accurately frame your subjects during photo or video capture as well as play them back on the go. The Microdisplay viewfinder's small panel is magnified by a small lens making it perfect for small devices that are big on playback.

MPEG4 video capture
MPEG4 video capture allows you to record video in compressed MPEG4 format, which results in smaller video file sizes while maintaining excellent sound and picture quality. Captured video is compressed in real time to MPGE4 format and stored on the device. After which you can transfer the resulting MPEG4 files to a PC for viewing or further editing.

Direct USB
Camcorders with direct USB can be plugged directly into the USB port of your PC without the need for any cable. Your computer will automatically recognize the camcorder as a removable USB mass storage device (Windows 98 needs drivers).

USB direct battery recharge
Direct battery recharge via USB offers ultra convenience when recharging your camcorder. No need to bother with separate chargers or cables, simply plug n' recharge your camcorder directly on your PC.
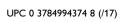
5-Key in-cord remote control
Philips 5-Key in-cord remote control places access to playback controls right at your fingertips. The remote control connects to your camcorder via a compact plug and uses a standard headphone socket allowing you to easily and conveniently swap headphones.
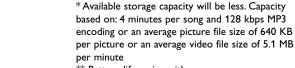
USB mass storage class
USB mass storage devices offer a convenient way to save, backup and move your files around. The camcorder connects to your computer using a USB connection and does not require any special software to be installed (Windows 98 needs drivers). The camcorder automatically shows up as a removable drive in Windows Explorer allowing you to simply drag and drop files to and from the camcorder.

* Available storage capacity will be less. Capacity based on: 4 minutes per song and 128 kbps MP3 encoding or an average picture file size of 640 KB per picture or an average video file size of 5.1 MB per minute
** Battery life varies with use

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