

# ARCHOS™



## ARCHOS 404

### Portable Multimedia Player

### Product Specifications

ARCHOS presents the ARCHOS 404, an ultra slim and compact Portable Multimedia Player to enjoy and store all your digital media content in the palm of your hand.

Featuring a large 3.5" TFT LCD color screen, the ARCHOS 404 boasts a 30 GB\* hard drive for storing up to 85 movies, 300 000 photos or 15 000 songs<sup>(6)</sup>. It is the ultimate PMP to enjoy music, videos and photos on the move.

Transform your ARCHOS 404 into a digital video recorder to record directly from any analog video source, such as a TV, VCR, DVD player<sup>(7)</sup>, cable box or satellite receiver by simply plugging it into the optional DVR station.

The ARCHOS 404 is the perfect companion for people on the move!

- Possibility to add extra functionalities such as direct TV recording (DVR Station), quick charges and digital photo transfers (Docking Adapter), on-the-go recording (DVR Travel Adapter), portable audio system (Portable Speakers), and hands-free video filming (Helmet Cam)
- Complete range of convenient travel accessories including replaceable batteries, chargers, cases and more
- Possibility to upgrade your device to read extra video formats with the optional Cinema and Video Podcast software plug-ins
- Large, bright 3.5" color TFT screen with 16 million colors – 4/3 format
- Video playback in DVD quality on the device or on a TV with a large number of video formats supported: MPEG-4 ASP<sup>(1)</sup>, WMV<sup>(2)</sup> (including protected WMV) and the possibility to read H.264<sup>(3)</sup>, MPEG-2<sup>(4)</sup>, and VOB<sup>(4)</sup> files with optional software plug-ins (codec downloadable from [www.archos.com](http://www.archos.com))
- Compatibility with most popular music files: MP3, WAV, WMA and protected WMA. Read AAC music files with optional plug-in<sup>(3)</sup>
- Possibility to view photos and make slideshows to music with transition effects
- PDF viewer
- PlaysForSure™ compatibility - Purchase or rent videos and music from on-line stores



- 30 GB to store up to 130 hours of encoded video<sup>(6)</sup> from a PC, the equivalent of 85 movies, 300,000 photos, or 15,000 songs<sup>(6)</sup>

## Optional Accessories

**DVR Station:** Turn your ARCHOS 404 into a portable DVR

- **Record TV** on your ARCHOS in MPEG4 format
- **Control and record** directly from a VCR, satellite receiver or cable box and make scheduled recordings.
- **Watch movies** from your ARCHOS on your TV in high quality (video outputs: RGB, YPbPr, S-Video)
- Listen to **5.1** sound through SPDIF (with optional plug-in<sup>(4)</sup>) output on your home cinema
- **Connect a PC or any mass storage** device to play or transfer movies, music and photos
- **Charge** your ARCHOS device

**Docking Adapter:** (delivered with power supply + USB A / mini B cable):

- **DC in:** quickly recharge your ARCHOS 404 with the DC in
- **USB 2.0 host:** Connect a mass storage device to your ARCHOS: use the menus on your ARCHOS to transfer files (photos, music, video) without a computer. Transfer photos directly from a DSC (USB Host) or transfer files to and from a PC.
- **USB :** transfer files from your PC to your ARCHOS

**DVR Travel Adapter:** (power supply not included)

- **Record video:** Record directly on your ARCHOS from most video sources: DVD player, VCR, Camcorder, TV...
- **Capture video:** Another great usage: Connect a **Digital Still Camera** and press REC on your ARCHOS to record video directly on the hard disk. Your ARCHOS & DSC become a camcorder
- **DC in:** quickly charge your ARCHOS.

**Portable Stereo:** Plug your ARCHOS 404 into the speaker sound dock and enjoy an extra home stereo system. Use in the kitchen, bathroom or bedroom (works with batteries or AC/DC). Can also be connected to a PC to listen to music (stereo mini jack), or to transfer music to your ARCHOS. Also enjoy the same functionalities as with the Docking Adapter thanks to the connections on the back.

**Helmet Camcorder:** Transform your ARCHOS 404 into a hands-free digital camera. The perfect device for filming extreme sport moments such as when skiing, motorcycling, cycling or sky diving. Can also be used for security surveillance applications. Record up to VGA resolution (640x480) and even with very low light conditions.

**Leather Stand Case:** Protect your ARCHOS while enjoying easy access to all buttons to watch your videos with convenient stand position.

**Video Cable:** Simple and ideal watch films from your ARCHOS 404 on any TV (PAL/NTSC) through the AV jack output.



## Technical specifications

<b>Capacity</b>	- 30 GB* hard drive to store up to 85 movies <sup>(6)</sup> , 300 000 photos <sup>(6)</sup> or 15 000 songs <sup>(6)</sup>
<b>Display</b>	- 3.5" TFT (320*240 pixels) 4/3, over 16 millions colors.
<b>Video playback**</b>	- MPEG-4 <sup>(1)</sup> ASP@L5 AVI (up to DVD resolution) (MPEG-4: ISO standard by Moving Picture Experts Group; AVI: audio/video file container by Microsoft) without GMC and Quarter Pixel. - Microsoft® WMV MP@ML (up to DVD resolution) - <u>With optional software plug-ins:</u> - H.264 <sup>(2)</sup> up to DVD resolution and AAC sound. - MPEG-2 <sup>(4)</sup> MP@ML up to 10 Mbps (up to DVD resolution) and AC3 stereo sound.
<b>Audio playback**</b>	- Stereo MP3 decoding @ 30-320 KB/s CBR & VBR, WMA, Protected WMA, WAV (PCM/ADPCM) - <u>With optional software plug-ins:</u> - AAC <sup>(3)</sup> music files - AC3 <sup>(4)</sup> sound files
<b>Photo viewer***</b>	- JPEG, BMP, PNG
<b>PDF viewer</b>	- Reads PDF documents ; May not implement all PDF features
<b>Video recording<sup>(7)</sup></b>	- Via optional DVR Station: Record in MPEG-4 SP with ADPCM stereo sound, resolution VGA (640x480) @ 30 and 25 f/s, in AVI format.
<b>Audio recording</b>	- Via an optional accessory: stereo line-in, WAV (IMA ADPCM or PCM) format. - Voice recording through the built-in Microphone
<b>Interfaces</b>	- USB 2.0 High-Speed Device (compatible USB 1.1): Mass Storage Class (MSC) and Media Transport Protocol (MTP) - USB 2.0 Host : Mass Storage Class (MSC) and Picture Transfer Protocol (PTP) (with optional adapter)
<b>Connections</b>	- 3.5 mm stereo headphone mini-jack and TV output (AV cable sold separately) - ARCHOS docking station connectors to connect optional adapters and station
<b>Battery life</b>	- Music playback time: up to 15 hours <sup>(5)</sup> - Video playback time: up to 4 hours <sup>(5)</sup> on built-in LCD
<b>Power source</b>	- Internal: Lithium-Ion Polymer battery - External: charges via computer USB port ; Optional Power charger/adaptor available
<b>Scalability</b>	Download firmware updates from <a href="http://www.archos.com">www.archos.com</a>
<b>Dimensions</b>	Dimensions (approx.): 102 x 77.7 x 15 mm (4.02" x 3.06" x 0.6") Weight (approx.): 185 g (6.53 oz)
<b>Packages includes</b>	ARCHOS 404, USB cable, headphones, protective pouch, Quick Start Guide, DVR saddle
<b>Computer system requirements</b>	For PC: Windows ME, 2000, XP, Media Center; Macintosh®: OS X or higher (with USB Mass Storage Class support), Linux (with mass storage device support). USB port. For PlaysForSure™ video and subscription services: PC with Windows® XP SP 2 or higher, Windows® Media Player 10 or higher, USB 2.0 port.

## PN and UPC Code

<b>500861</b>	<b>ARCHOS 404 30GB EU</b>	<b>690590508613</b>
<b>500868</b>	<b>ARCHOS 404 30GB US</b>	<b>690590508682</b>

\*1GB= 1 billion bytes; actual formatted capacity is less.

\*\*Certain bitrates, resolutions, and/or file variations may not be compatible

\*\*\*Certain resolutions and file sizes may not be compatible

(1) MPEG-4 ASP@L5 AVI (up to DVD resolution) (MPEG-4: ISO standard by Moving Picture Experts Group ; AVI: audio/video file container by Microsoft) without GMC and Quarter Pixel.

(2) Microsoft® WMV MP@ML (up to DVD resolution)

(3) H.264 up to DVD resolution. AAC sound.

(4) MPEG-2 MP@ML up to 10 Mbps (up to DVD resolution). AC3 stereo sound.

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- (5) Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by use and settings.
- (6) On average; based on 3.5 mins/song & 64 kbits/s WMA (for better quality 128 Kbit/s or more recommended), on 500 kbits/s MPEG-4 audio/video encoding and 1h30/movie (for near DVD Quality 1500 Kbits/s encoding or more recommended), on JPEG, VGA.
- (7) External video output disabled for Macrovision®-protected contents