



Superior sound experience

with FullSound™ & Sound Isolation headphones

Enjoy unrivalled sound on the Philips GoGear Opus Portable AV Player featuring FullSound™. Prepare to be entertained on the go - record online videos directly to your player and then view them on the cool 2.8" QVGA color screen.

Your music and videos on the go - everyday

- Fullsound™ to bring your MP3 music to life
- Sound Isolation headphones to minimize environmental noise
- Lossless format (FLAC), MP3 and WMA playback
- Playback WMV videos purchased online or from your library

Easy enjoyment on the go

- Audible.com features digital audiobooks and more
- 2.8" QVGA LCD color display for superb video enjoyment
- Playback DRM-free music from your iTunes library
- Create playlists or delete songs directly on the device
- Up to 30-hour music or 6-hour video playback.

Easy and intuitive experience

- Easy video downloads from the Internet to your GoGear
- Folder view to organize and view media files like on your PC
- SuperScroll™ to find what you want in a fast, simple way

Philips GoGear
MP3 video player with
FullSound™

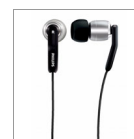
Opus

16GB

GoGear



SA1OPS16K

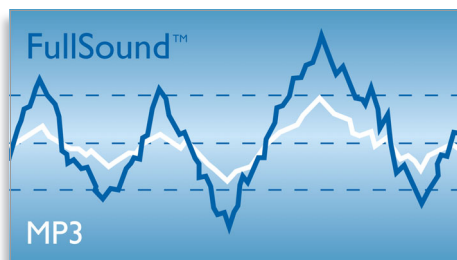


PHILIPS

sense and simplicity

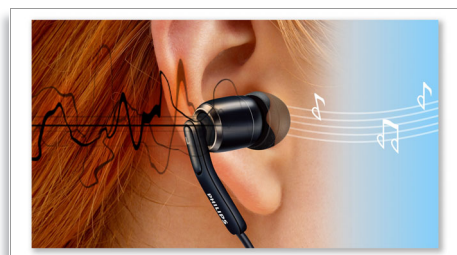
Highlights

FullSound™



Philips' innovative FullSound technology faithfully restores sonic details to compressed MP3 music, dramatically enriching and enhancing it, so you can experience CD music without any distortion. Based on an audio post-processing algorithm, FullSound combines Philips' renowned expertise in music reproduction with the power of the latest generation Digital Signal Processor (DSP). The result is fuller bass with more depth and impact, boosted voice and instrument clarity, and rich detail. Rediscover your compressed MP3 music in true-to-life sound that will touch your soul and move your feet.

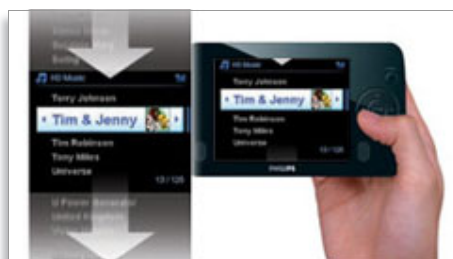
Sound Isolation



With sound isolation, you will hear and enjoy greater music details at a lower volume than is

possible with normal headphones. Based on thorough understanding of the human ear canal anatomy, the sound isolation earphone's angled acoustic design creates a perfect seal between the ambient sound source and the ear canal, thus eliminating unwanted background noise while delivering sound directly to your ears. Even at a moderate volume setting, you can still discern music details without noise distractions from the environment. Earphone sleeves are available in three sizes to provide the best fit.

SuperScroll™



Double action search keys allow easy speed control when scrolling through large libraries. You can choose to move through your playlist one song or video at a time or just press and hold down a little harder to SuperScroll™ swiftly to your desired file.

Audible



Audible.com is your destination for the widest selection of digital audiobooks, magazines, radio shows, stand-up comedy, and more available for download. Enjoy books in the car, at the gym, or around the house. Authors and icons read their own works, and famous actors narrate your favorite titles. At Audible.com you can browse and sample over 60,000 selections, including the latest best sellers and timeless classics.

Specifications

Picture/Display

- Backlight
- Diagonal screen size (inch): 2.8 inch
- Lines of text: 7
- Type: LCD
- Resolution: QVGA, 320 x 240 pixels, 262K colours

Sound

- Equalizer customizable
- Frequency response: 20 - 18k Hz
- Equalizer settings: Classic, Dance, Electronica, Hip Hop, Jazz, Lounge, Pop, RnB, Rock, Spoken word
- Output Power: 2 x 2.4mW
- Signal to noise ratio: > 84 dB
- THD: 0.05% at 1kHz
- Channel separation: 45 dB
- Sound Enhancement: FullSound

Audio Playback

- Compression format: MP3, WMA, AAC, FLAC
- ID3 Tag support: Album title and artist name
- MP3 bit rates: 8-320 kbps and VBR
- WMA bit rates: 5-320 kbps
- WMA sample rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz
- MP3 sample rates: 8, 11.025, 16, 22.050, 24, 32, 44.1, 48 kHz
- Digital Rights Management: Windows Media DRM for Portable Devices, Supports download & subscription music services

Audio Capturing

- Audio file format: MP3
- Built-in microphone: mono
- Voice recording: MP3
- FM radio recording

Still Picture Playback

- Picture Compression Format: JPEG
- Slide show

Storage Media

- Built-in memory type: NAND Flash
- Built-in memory capacity: 16 GB

Connectivity

- Headphone: 3.5 mm
- USB: High speed USB 2.0

Convenience

- Battery low indication
- Function: Keypad lock
- Superscroll
- Volume control
- Firmware upgradeable
- Battery charging indication: On User Interface

Accessories

- CD-ROM: Yes, with IFU, Device Manager, Media converter & Windows Media Player
- Headphones: AY3817
- Pouch: AY4255
- USB cable: AY3930
- Quick start guide

Software

- Device manager: to restore and upgrade
- Media Converter for Philips: WMV (.wmv.avi containers); MPEG-4 SP(.avi container only); MPEG-4 ASP(.avi); H.264 (MPEG-4 Part10) (.mp4); Other codec/container combinations supported based on installation of relevant Directshow codecs
- Windows Media Player 11

Green Specifications

- Lead-free soldered product

System Requirements

- PC OS: Windows XP (SP2) or Windows Vista
- CD-ROM drive
- Internet connection: Yes (for access to updated support documents, manuals, future firmware and PC software upgrades)
- USB: Free USB port

Power

- Battery capacity: 880mAh
- Playtime on internal battery: Up to 30 hours audio or 6 hours video
- Battery Type: Li-Polymer
- Rechargeable: Yes, via USB

Dimensions

- Product dimensions (WxDxH): 106 x 10.9 x 59 mm
- Packaging type: D-box
- Product weight: 0.095 kg

Tuner/Reception/Transmission

- Station presets: 20
- Tuner Bands: FM
- RDS: Program Type, Radio Text, Station Information, Station Name

Video Playback

- MPEG4 SP: Upto 640kbps in avi format, 320x240, 30fps (Other formats supported by using provided converter software)
- WMV9: Upto 512kbps, 320x240, 30fps (Other formats supported by using provided converter software)
- Digital Rights Management: Windows Media DRM for portable devices supports download, subscription rental video services.



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* Actual transfer speed may vary based on your operating system and software configuration.

* 1GB = 1 billion bytes; available storage capacity will be less.

* Supports download and subscription services compatible with WMA DRM10

* Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

* 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.

* From Philips