



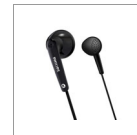
Philips GoGEAR
Portable video player

2GB

3.8 cm/1.5" full color display

GoGEAR

SA3020



Enjoy your videos on the move

with music and photo playback

Enjoy total multimedia entertainment with the Philips GoGear digital audio/video player SA3020. Easily navigate through music, movie & photo files on the 4 cm/1.5" color screen. Simply drag n' drop your music or data via the USB connection.

Experience music and video - anytime, anywhere

- MP3 and WMA playback
- Voice recording to take notes or record anything, anytime
- Watch your favorite videos on the go

Photos and videos at your fingertips

- 1.5" color screen for easy navigation and photo viewing
- Enjoy video files in 128x128 pixels resolution
- Philips Media Converter for video file and photo conversion

All your entertainment on the go

- Fast downloads from your PC via USB 2.0*
- Up to 20-hour music playback

PHILIPS

sense and simplicity

Specifications

Picture/Display

- Backlight
- Diagonal screen size (inch): 1.5 inch
- Lines of text: 5
- Resolution: 128 x 128 pixels
- Type: LCD

Sound

- Equalizer settings: Funk, Jazz, Rock, Classical, Dance, Hip Hop
- Frequency response: 80 - 18 000 Hz
- Output Power: 2 x 3mW
- Signal to noise ratio: > 80 dB
- THD: 1%
- Channel separation: 40 dB

Audio Playback

- Compression format: MP3, WMA
- ID3 Tag support: Song title, artist, album
- MP3 bit rates: 8-320 kbps and VBR
- WMA bit rates: 5-192 kbps
- WMA sample rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz
- MP3 sample rates: 16, 32, 44.1, 48, 11.025, 22.050, 24, 8 kHz

Still Picture Playback

- Picture Compression Format: JPEG
- Slide show

Storage Media

- Built-in memory type: NAND Flash
- Mass storage class compliant
- Built-in memory capacity: 2 GB
- Music memory capacity, MP3: Up to 450 tracks*

Connectivity

- Headphone: 3.5 mm
- USB: USB 2.0

Convenience

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

Accessories

- CD-ROM: Yes, with IFU, Device Manager, Video Converter & Windows Media Player
- Headphones: AY3816
- USB cable: AY3930
- Quick start guide

Software

- Device manager: to restore and upgrade
- Media Converter for Philips: Converts following format to player : Window media video

Green Specifications

- Lead-free soldered product

System Requirements

- CD-ROM drive
- Internet connection: Yes (for access to updated support documents, manuals, future firmware and PC software upgrades)
- USB: Free USB port
- PC OS: Windows 2000 / XP / Vista

Power

- Battery capacity: 310mAh
- Battery Type: LI-Polymer
- Playtime on internal battery: Up to 20 hours audio or 4 hours video
- Rechargeable: Yes, via USB

Dimensions

- Packaging type: Clamshell
- Blister dimensions (WxDxH): 135 x 38 x 213 mm
- Product dimensions (WxDxH): 43 x 65 x 12.5
- Product weight: 0.034 kg

Video Playback

- SMV: 450 kbps, 128 x 128, 15 fps

Audio Capturing

- Audio file format: WAV
- Built-in microphone: mono
- Voice recording: ADPCM



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Version: 2.0.7

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* 1GB = 1 billion bytes; available storage capacity will be less.
* 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.
* Storage capacity based on 4 minutes per song and 64 kbps WMA or 128 kbps MP3 encoding.
* Actual transfer speed may vary based on your operating system and software configuration.