



# Obsessed with Sound

with FullSound for superb audio quality

Featuring Philips patented FullSound technology, the Philips GoGear digital audio player SA028 brings the best possible audio quality to your music. Enjoy your MP3 and WMA music with this fun-sized audio player on the go.

## Your music, your data - on the go, everyday

- MP3 and WMA playback
- Voice recording to take notes or record anything, anytime
- Fast downloads from your PC via USB 2.0\*
- Enjoy more music with digital FM radio

## Ready to wear, ready to go

- Up to 20-hour music playback
- Drag and drop your songs easily - no software needed
- Plug and play data

## Easy, intuitive music experience

- Equalizer to suit your music preferences
- Folder view helps you to find songs easily and quickly
- Fullsound™ to bring your MP3 music to life

Philips GoGEAR  
Digital MP3 player with  
FullSound™

4GB\*

GoGEAR



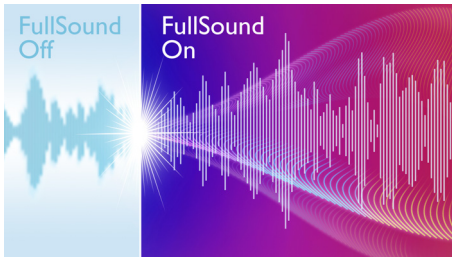
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**PHILIPS**

# 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.



# Specifications

## Picture/Display

- Backlight
- Lines of text: 4
- Resolution: 128 x 64
- Type: OLED

## Sound

- Channel separation: 35 dB
- Equalizer customizable
- Equalizer settings: Funk, Hip Hop, Jazz, Rock, Classical
- Frequency response: 80 - 18 000 Hz
- Output Power: 2 x 3mW
- Signal to noise ratio: > 80 dB
- Sound Enhancement: FullSound

## Audio Playback

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

## Audio Capturing

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

## Storage Media

- Built-in memory (RAM): 4 GB
- Built-in memory type: NAND Flash
- Mass storage class compliant
- Music memory capacity, MP3: Up to 900 tracks\*

## Tuner/Reception/Transmission

- Station presets: 20
- Tuner bands: FM

## Connectivity

- Headphone: 3.5 mm
- USB: USB 2.0

## Convenience

- Firmware upgradeable
- Function: Keypad lock
- Battery low indication
- Volume control
- Superscroll

## Accessories

- Headphones: AY3816
- Quick start guide
- USB cable: AY3930
- Neck strap

## Software

- Device manager: to restore and upgrade

## 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)
- PC OS: Windows 2000 / XP / Vista
- USB: Free USB port

## Dimensions

- Packaging type: D-box
- Carton dimensions (WxDxH): 43 x 146 x 150 mm
- Product dimensions (WxDxH): 41 x 41 x 15 mm
- Product weight: 0.029 kg

## Power

- Batteries included
- Playtime on internal battery: Up to 20 hours
- Rechargeable: Yes, via USB
- Battery Type: LI-Polymer



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Version: 1.1.2

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EAN: 69 23410 70985 8

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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.

\* Optional versions with or without radio are available