



# Superior sound experience

Even in the noisiest settings

Dance to music that never sounded better. GoGEAR Muse MP4 player features FullSound for exceptional clarity, SafeSound for damage-free listening, a 2.8" capacitive touchscreen for ease of use and Surround for movies for broader sound.

## Superb quality sound

- FullSound™ to bring your MP3 music to life
- Sound Isolation headphones to minimise environmental noise
- SafeSound for maximum music enjoyment without hearing damage

## Complements your life

- 2.8" QVGA capacitive touchscreen for effortless navigation
- microSD card slot for expanded memory capacity
- Enjoy up to 26 hours of music or 5 hours of video playback
- FM radio with RDS and 20 presets for more music options

## Easy and intuitive

- Sound personalisation for fun customisation of your music
- Philips Songbird: one simple program to discover, play, sync
- LikeMusic for playlists of songs that sound great together

Philips GoGEAR  
MP4 player with  
FullSound™

- Muse
- 16 GB\*

GoGEAR



SA4MUS16KF

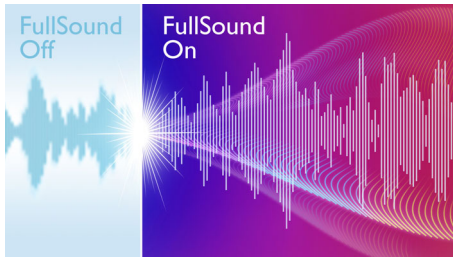


**PHILIPS**

MP4 player with FullSound™  
Muse 16 GB\*

# 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.

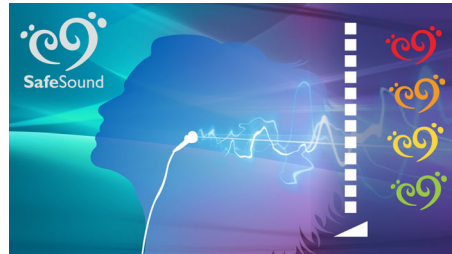
## Sound isolation headphones



With sound isolation headphones, you will hear 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 headphone'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.

## SafeSound



Now you can enjoy your music freely and fully without worrying about the risk of hearing damage. Created by Philips, SafeSound consistently analyses the sound level on your Philips GoGear MP3 player and alerts you if the volume and exposure could have a possible impact on your long-term hearing. You can take action by adjusting the volume to a lower level or allow SafeSound to automatically regulate the volume for you — no need to fiddle with any settings. In addition, SafeSound provides daily and weekly overviews of your sound exposure so you can take better charge of your hearing health.

## Capacitive touchscreen



GoGEAR Muse takes away the uncertainty in entertainment enjoyment. With its capacitive touchscreen, you can take full control of your music and movies. The capacitive screen is incredibly responsive, letting you use your GoGEAR Muse through gestures with complete ease. What's more, the touchscreen is designed to maintain visibility in different lighting conditions, and to keep away dust

SA4MUS16KF/12

particles, giving you an even clearer picture of what you play. GoGEAR Muse always delivers crystal-clear entertainment.

## microSD card slot



Small is beautiful when it comes to mobile devices, but not memory capacities. With the GoGear player, you can have the best of both worlds just by plugging in a microSD card. The microSD card will show up as a second removable drive when the player is connected to your PC for easy file transfer. Just load your card with the desired content and slot it into your player. You can purchase memory cards of up to 32 GB to expand your GoGear memory capacity, so you never have to worry about running out of entertainment choices.

## FM radio with RDS/20 presets



RDS (Radio Data System) is a communications protocol standard that allows digital information to be transmitted over FM radio broadcasts. RDS-enabled FM radio receivers can display useful information including station identity, programme details and song title and artist etc. You can store a desired station as a preset channel on your GoGear player at any time. With the ability to store 20 preset radio stations, you can quickly access your favourite radio station without having to tune the frequencies manually each time.



# Specifications

## Picture/Display

- Backlight
- Type: LCD Touch-sensitive screen
- Diagonal screen size (cm): 7.1 cm
- Diagonal screen size (inch): 2.8 inch
- Resolution: 320 x 240 pixels
- Aspect ratio: 4:3

## Sound

- Sound Enhancement: FullSound, SafeSound
- Equalizer customisable
- Sound personalisation
- Channel separation: 45 dB
- Frequency response: 60 - 18k Hz
- Output power (RMS): 2 x 2.5 mW
- Signal to noise ratio: > 84 dB

## Audio Playback

- Compression format: MP3, WAV, WMA, M4A
- ID3 Tag support: Song title, artist, album
- Digital Rights Management: No
- MP3 bit rates: 8-320 kbps and VBR
- MP3 sample rates: 8, 11.025, 16, 22.050, 24, 32, 44.1, 48 kHz
- WMA bit rates: 8 kbps-320 kbps
- WMA sample rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz

## Video Playback

- MPEG4 SP/ASP: Up to 720p resolution, 25 fps, bitrates up to 4 Mbps in .avi and .mp4 containers
- MPEG4 AVC/H.264 HP: Up to 720p resolution, 25 fps, bitrates up to 4 Mbps in .avi and .mp4 containers
- RMVB: Up to 720p resolution, 25 fps, bitrate up to 2 Mbps in .rmvb container
- WMV9: No

## Still Picture Playback

- Picture Compression Format: JPEG, PNG, BMP, GIF
- Slideshow

## Audio Capturing

- Built-in microphone: mono
- Voice recording: in WAV, Yes

## Tuner/Reception/Transmission

- Tuner Bands: FM
- Station presets: 20
- RDS: Radio Text, Station Information, Station Name
- FM radio recording: in WAV, Yes

## Storage Media

- Built-in memory type: NAND Flash

- Built-in memory (RAM): 16 GB
- Music memory capacity, MP3: Up to 1800 tracks\*
- External Storage: Micro SD memory card slot
- Maximum memory card capacity: 32 GB
- Mass storage class compliant
- Mass Trans. Protocol Compliant

## Connectivity

- Headphones: 3.5 mm
- USB: USB 2.0

## Convenience

- Function: Keypad lock
- Superscroll: No
- Firmware upgradeable: Yes, via SongBird
- Battery low indication
- Battery charging indication: On User Interface
- Charge and play: when connected to a PC
- Customisable volume limit: No
- Dedicated volume controls

## Accessories

- Headphones
- Quick start guide
- USB cable

## Green Specifications

- Lead-free soldered product

## System Requirements

- USB: Free USB port
- Internet connection: Yes (for access to updated support documents, manuals, future firmware and PC software upgrades)
- PC OS: Windows XP (SP2)/Vista/7

## Power

- Battery Type: LI-Polymer
- Rechargeable: Yes, via USB
- Battery capacity: 1000 mAh
- Play time on internal battery: Up to 26 hours music playback or 5 hours video playback

## Dimensions

- Packaging type: D-box
- D-box dimensions (WxDxH): 90 x 30 x 150 mm
- Product dimensions (WxDxH): 54.7 x 10.7 x 99.5 mm
- Product weight: 0.0835 kg

## Software

- Philips Songbird

## Partners

- 7digital
- Audible



Issue date 2013-09-03

Version: 5.1.4

12 NC: 8670 000 88052  
EAN: 87 12581 63847 4

© 2013 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

[www.philips.com](http://www.philips.com)

\* Storage capacity based on 4 minutes per song and 64 kbps WMA encoding.  
\* 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.  
\* 1 GB = 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.