

Philips
MP3 player with FullSound™

- Raga
- 2 GB*

SA4RGA02BN/12

Colour your world with superb sound

Small, fun and colourful

Small and fun, the GoGEAR Raga MP3 player with FullSound brings your favourites to life. Philips Songbird ensures endless music discovery and easy synchronisation, while FastCharge offers quick charging.

Benefits

Superb quality sound
- FullSound™ to bring your MP3 music to life

Complements your life
- Soft and smooth finish for easy comfort and handling
- Full colour display for intuitive and enjoyable navigation
- Enjoy up to 15-hour music playback

Easy and intuitive
- Philips Songbird: one simple program to discover, play, sync
- LikeMusic for playlists of songs that sound great together
- Quick 6-minute charge for 60 minutes of play
- Folder view to organise and view media files as you do on your PC

PHILIPS

Features

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.

Soft and smooth finish

Full colour display

Up to 15-hour music playback



Philips Songbird



One simple, easy-to-use program that comes with your GoGear player, Philips Songbird lets you discover and play all your media, and sync it seamlessly with your Philips GoGear. Its intuitive and powerful music management features let you discover new artists and music styles directly in the program through music and media stores, services and websites. Play your own library and media from the Internet and seamlessly sync all of it from your PC to your Philips GoGear.

LikeMusic



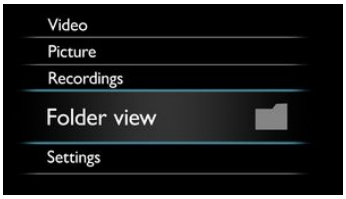
LikeMusic lets you experience more of the music that you like most — with just a click! No need to sort through your music library or wait for serendipity to strike. LikeMusic is a Philips patented algorithm that analyses songs in your library to identify similar music characteristics. These characteristics help LikeMusic create smart playlists of songs that simply sound great together. Just click on a song that you like and hit the LikeMusic icon – a playlist will instantly appear. Give it a name and enjoy your new playlist—or rediscover songs—on your PC or your GoGear player.

Fast charging (60 mins)



Sometimes, you just need your GoGEAR player to take you from home to office and back again, or for a short run—but you forgot to charge it last night. Say goodbye to frustration and boring, silent journeys, with Fast Charge. Philips' smart and convenient solution lets you plug your GoGEAR into your PC or USB charger for just 6 minutes and in return, you get a whopping 60 minutes of audio playback! Fast Charge works by relying on much higher current levels to give your lithium-ion battery the power it needs to tide you over in a jiffy…and keep the music going.

Folder view



Folder view is an optional directory view of the GoGear player that lets you view all the files on your player as if it were a computer. Once you select Folder view, opening any supported file (i.e. music, pictures or videos) is as easy as selecting the file and hitting Play.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Backlight	Yes
Type	LCD
Diagonal screen size (cm)	2.79
Diagonal screen size (inch)	1.1 inch
Resolution	128 x 64

Sound

Sound Enhancement	FullSound
Equalizer customis-able	Yes
Equalizer settings	Balanced Powerful Warm Clear Bright
Channel separation	45 dB
Frequency response	80 - 18 k Hz
Output power (RMS)	2 x 2.5 mW
Signal to noise ratio	>84 dB

Audio Playback

Compression format	MP3 WAV WMA
ID3 Tag support	Song title, artist, album
MP3 bit rates	8-320 bps and VBR
MP3 sample rates	8 kHz

	11.025 kHz 16 kHz 22.050 kHz 32 kHz 48 kHz
WMA bit rates	5-320 kbps
WMA sample rates	8, 11.025, 16, 22.050, 32, 44.1, 48 kHz
Digital Rights Management	No

Video Playback

N/A	Yes

Still Picture Playback

N/A	Yes

Tuner/Reception/Transmission

No	Yes

Storage Media

Built-in memory type	NAND Flash
Built-in memory (RAM)	2 GB
Music memory capacity, MP3	Up to 450 tracks*
Mass storage class compliant	Yes
Mass Trans. Protocol Compliant	No

Connectivity

Headphones	3.5 mm
USB	USB 2.0

Convenience

Keypad lock	Yes, option key
Superscroll	No
Firmware upgrade-able	Yes via SongBird
Battery charging indi-cation	On user interface
Charge and play	when connected to a PC
Customisable volume limit	Yes
Dedicated volume controls	No
Volume control	Yes

Accessories

Headphones	Yes
Quick start guide	Yes
USB cable	Yes

Green Specifications

Lead-free soldered product	Yes

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 (SP3)/Windows Vista/ Windows 7

Power

Battery Type	LI-Polymer
Rechargeable	Yes, via USB
Battery capacity	220 mAh
Play time on internal battery	Up to 15 hours music playback

Dimensions

Packaging type	D-box
D-box dimensions (WxDxH)	90 x 30 x 90 mm
Product dimensions (WxDxH)	49.9 x 12.9 x 43.4 mm
Product weight	0.022 kg

Software

Philips Songbird	Yes

Partners

7digital	Yes

* 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.

data subject to change
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