

Philips  
Flash audio player

512MB\*

SA2001



## Wear it and flaunt it

Enjoy your MP3 and WMA music on the go with the Philips SA2001 512MB. Transfer music and data easily with USB2.0. Comes with fashionable 7-color backlight screen and 3 different neck straps.

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

- MP3 and WMA playback
- Voice recording to take notes or record anything, anytime
- USB mass storage to store and carry your data files
- Fast downloads from your PC via USB2.0
- FM radio headphone for use with any portable audio player

### **Ready to wear, Ready to go**

- Enjoy up to 8-hour music playback
- 3 different neck-straps to suit every outfit
- Small and wearable for ultimate portability

### **Easy, intuitive music experience**

- Backlight LCD display with 7 color choices
- Equalizer for optimized sound to suit your music style

# PHILIPS

# Specifications

## Picture/Display

- Backlight color: 7 colors
- Lines of text: 2
- Resolution: 96 x 26
- Type: LCD

## Sound

- Channel separation: 40 dB
- Equalizer settings: Classic, Jazz, Pop, Rock, Full bass
- Frequency response: 40 -16K Hz
- Output power (RMS): 2 x 5 mW
- Signal to noise ratio: > 85 dB

## Audio Playback

- Compression format: MP3, WAV, Windows Media™ Audio
- ID3 Tag support: Track title and artist name
- 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: 5-192 kbps and VBR
- WMA sample rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz

## Audio Capturing

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

## Storage Media

- Built-in memory (RAM): 512 MB
- Built-in memory type: NAND Flash
- Mass storage class compliant

## Tuner/Reception/Transmission

- Tuner Bands: FM

## Connectivity

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

## Convenience

- Firmware upgradeable

## Accessories

- CD-ROM: with software and user manuals
- Headphones: AY3813 FM radio headphones
- Neck strap: 3 different neck straps
- Printed User Guide: English, Simplified Chinese, Traditional Chinese
- USB cable

## Software

- Device manager: Firmware 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 ME, 2000, XP
- USB: Free USB port

## Dimensions

- Box dimensions (W x H x D): 153 x 153 x 46 mm
- Master carton quantity: 8
- Outer carton dimensions WxDxH: 196 x 163 x 326 mm
- Packaging type: D-box
- Product dimensions (WxDxH): 30 x 13.5 x 50 mm

## Power

- Battery capacity: 240 mAh
- Battery Type: Li-ion
- Playtime on internal battery: Up to 8 hours
- Rechargeable: Yes, via USB



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