

Philips  
Portable CD Player



EXP220

## Enjoy MP3 Music!

Looking for an ultra cool MP3-CD player that is easy to use. The eXp220 portable MP3-CD player yields 10 hours of music per MP3-CD with Digital Dynamic Bass Boost for impressively rich sounds.

### **Your complete MP3-CD experience**

- MP3-CD playback means MP3 plays like a normal audio CD.
- Enjoy over 10 hours of music on one MP3-CD
- Play CD, CD-R and CD-RW discs

### **Jogproof**

- 100-second Magic ESP™

### **Enhanced bass performance**

- Digital Dynamic Bass Boost for optimized bass at any volume

### **Easy to use**

- LCD display for easy track/album search of MP3-CD discs

# PHILIPS

# Specifications

## Sound

- Acoustic Feedback
- D/A converter: 1-bit
- Frequency response: 20 - 20 000 Hz
- Output Power: 2 x 3mW RMS
- Signal to noise ratio: > 85dB
- Sound Enhancement: Digital Dynamic Bass Boost
- Volume Control: Analogue Volume Control

## Audio Playback

- Playback Media: CD, CD-R, CD-RW, MP3-CD
- Disc Playback Modes: 50-Track Programmable, Hold, Next/Previous Album Search, Next/Previous Track Search, Repeat one/album/all, Resume Playback from stop, Shuffle album/all
- Electronic Skip Protection(CD): 45
- File systems supported: ISO-9660, Joliet, UDF
- Magic ESP (MP3-CD): 100
- MP3 bit rates: 32 - 320 kbps

## Connectivity

- DC in: 4.0 mm, 4.5V, centre +
- Headphone: 3.5 mm
- Line-out: 3,5 mm



## Convenience

- Display Type: LCD
- Indications: album number, battery status, Cd functions, DBB, ESP, time, track

## Accessories

- Headphones: SBC HE035
- Included accessories: User Manual

## Dimensions

- Ebox dimensions (W x H x D): 0 x 0 x 0 mm
- Housing: Heat Resistant Body
- Master carton dimensions: 304 x 156 x 172 mm
- Master carton quantity: 6
- Master carton weight: 2.5 kg
- Packaging dimensions (W x H x D): 164 x 49 x 140 mm
- Packaging type: D-box
- Product dimension (WxDxH) inch: 125x135x30mm
- Product weight: 0.25 kg

## Power

- Battery Playing Time CD: 12
- Battery Playing Time MP3-CD: 14
- Battery type: AA, LR6, UM3

# Highlights

## MP3-CD playback

MP3 stands for "MPEG 1 Audio layer-3".MP3 is a revolutionary compression technology by which large digital music files can be made up to 10 times smaller without radically degrading their audio quality. MP3 has become the standard audio compression format used on the world wide web, allowing quick and easy audio file transfer.

## 10 hours MP3 music on one CD

Enjoy over 10 hours of music on one MP3-CD

## Play CDs, CD-R and CD-RW

Philips is known for making products which are compatible with many discs available in the market. This audio system lets you enjoy music from CD,CD-R and CD-RW. CD-RW (CD-Rewritable Compatible) means that your audio system can play both CD-Recordable (CD-R) and CD-Rewritable (CD-RW) discs. CD-R discs are recordable once and can be played on any audio CD player while CD-RW discs can be recorded and rewritten multiple times and can only be played back on compatible audio CD players.

## 100-second Magic ESP™

Magic Electronic Skip Protection™ is a convenient feature that ensures skip-free music even when your MP3-CD player is subjected to knocks and jolts while you are jogging or on the move. Devices with Magic Electronic Skip Protection™ have an intelligent electronic buffer that can store different digital music formats such as MP3, WMA. The buffer adjusts both its contents and laser spin speeds automatically to guarantee uninterrupted music listening.

## Digital Dynamic Bass Boost

Digital Dynamic Bass Boost is an intelligent bass booster that delivers maximum bass enhancement at high volumes without sound distortion and at low volumes without compromising on bottom-end bass frequencies. Technologically advanced electronics constantly monitor volume and bass levels, precisely calibrating both to prevent sound distortion, thus producing optimized bass. Digital Dynamic Bass Boost enables the enjoyment of superb bass performance - regardless of the chosen volume level.

## LCD for fast music access

LCD display for easy track/album search of MP3-CD discs



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