

Accessory List

Type Number	AC/DC Adapter	Headphone	Pouch	Battery	Car Cassette Adapter	Car DC/DC Adapter	Belt Clip	Remote
EXP311	AY3170	SBC HE205/77					Yes	
EXP313	AY3170	SBC HE205/77			AY3501	AY3545 AY3548	Yes	

***Refer to the following pages for Product Specification**



Portable MP3-CD player

MP3-CD playback with song title display

- More than 10 hours of music on one MP3 CD
- 100 seconds Magic electronic skip protection
- 20-hour playback with 2 x AA Alkaline batteries (MP3-CD)
- Easy reading song title display supporting id3-tag
- CD, CD-Recordable and CD-Rewritable compatible
- Playback of MP3 (32-320 Kbps) and variable bitrate
- Digital dynamic bass boost
- Compact disc audio player
- Heat resistant body
- 1-Bit D/A converter
- Hold



EXPANIUM

Let's make things better.



PHILIPS



Portable MP3-CD player

Standard product information

Amplifier/ system

- Output power (headphone) 2 x 3mW RMS
- 1-Bit D/A converter for pure sound reproduction
- Digital dynamic bass boost
- Rotary volume control
- S/N ratio (A weighted) >85 dB
- Frequency response 20 Hz - 20 kHz
- Audible feedback

CD player

- Supports the CD-ROM, CD-Recordable and CD-Rewritable in ISO-9660, Joliet format and UDF.
- Playback possibility of 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256 and 320 Kbps per MP3 track
- Supports variable bit rate per track
- Supports CD's that contains music tracks with mixed bit rates
- Supports id3-tag
- 50-Track programmable, shuffle album/all, repeat one/ album/ all
- Search forward/ backward in tracks
- Resume and hold

Electronic skip protection

- MP3-CD 100 seconds ESP at 128 Kbps
- Audio CD 45 seconds ESP

LCD display

- Indications for track & album number, time, DBB, CD functions, ESP and battery status
- Indications for song titles, artist name, album name and filename

Connections

- Headphone/ line out Stereo, 3.5 mm
- DC in 4.0 mm, 4.5V, centre '+'

Power supply

- Batteries 2 x 1.5V, type AA/LR6/UM3 cell
- Battery playing time 20 hours (2 AA Alkaline, MP3-CD)
- Battery playing time 15 hours (2 AA Alkaline, CD)
- Automatic power switch-off

General

- Material High temperature resistant plastic
- Weight 250 g
- Product dimensions (mm) 130 L x 138 W x 28 H
- D-box dimensions (mm) 245 L x 140 W x 54 H
- Master carton dimensions (mm) 253 L x 172 W x 156 H
- Master carton quantity 3

Accessories

- AC/DC adapter
- Belt clip
- Stereo in-ear headphone

More than 10 hours of music on one MP3 CD

One MP3-CD can contain over 10 hours of music or more than 150 tracks.

100 seconds Magic electronic skip protection

Automatically stores up to 100 seconds of music at 128 Kbps (MP3 format) to prevent music interruptions caused by shocks.

20-hour playback with 2 x AA Alkaline batteries (MP3-CD)

Powersaving technology extends battery playing time to 20 hours with 2 regular LR6-size (AA) alkaline batteries.

Easy reading song title display supporting id3-tag

Display that shows name of track, artist and album & track number for easy navigation.

CD, CD-Recordable and CD-Rewritable compatible

Ensures that all CD's including CD-Recordable and CD-Rewritable discs, made by any CD-Recorder, can be played.

Playback of MP3 (32-320 Kbps) and variable bitrate

Supports 32 upto 320 Kbps per MP3 track and variable bitrate per MP3 track.

Digital dynamic bass boost

Enhances bass at low, mid and high volume, to give deep, rich sounds.

Compact disc audio player

Compact Disc technology that provides uncompressed superb digital sound quality.

Heat resistant body

Unique composite material enables the CD player to withstand very high temperature.

1-Bit D/A converter

Advanced digital conversion technology ensures crystal-clear sound.

Hold

Locks all buttons to prevent interruption of play or change of program settings.

Resume

Bookmark function that ensures the CD starts precisely from the point it was stopped.

Automatic power off

Automatically switches off the CD player at the end of a compact disc.

Album/ track - Plus/ minus

Scrolls through albums and very fast through all songs.

CD next/ previous

Plays the next or previous track at the touch of a button.

Repeat one/ album/ all

Repeat the current track, the current album or the total CD.

Shuffle album/ all

Plays album or disc randomly, giving you each time a new sequence of tracks.

50-track programmable

Stores up to 50 of your favorite tracks for playing back in your order of preference.

Audible feedback

Confirms any key-push with friendly beep to acknowledges that a command has been given.

Printed in Hong Kong 2002-03-04
Specifications subject to modification without notice
© 2002 Royal Philips Electronics.
All rights reserved

www.philips.com
www.audio.philips.com

Let's make things better.



PHILIPS