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DCM2055



EN User manual

PHILIPS

Contents

1	Important Know these safety symbols	4
	Hearing Safety	5
2	Your Micro System	6
	Introduction	6
	What's in the box	6
	Overview of the main unit	6
	Overview of the remote control	7
3	Get started	9
	Placement	9
	Prepare FM antenna	9
	Prepare the remote control	9
	Connect power	9
	Set clock	10
	Turn on	10
	Store FM radio stations automatically	10
4	Play	11
	Play disc	11
	Play from USB	11
	Play from iPod/iPhone	11
	Play options	12
	Adjust sound	13
	Display different information	13
5	Listen to FM radio	14
	Tune to FM radio stations	14
	Program FM radio stations automatically	
	Program FM radio stations manually	14
	Select a preset radio station	14
	Show RDS information	14
	Select stereo/mono broadcast	15
6	Other features	16
	Set the alarm timer	16
	Set the sleep timer	16
	Play from an external device	16
	Listen through the headphone	17

7	Product information	18
	Specifications	18
	USB playability information	18
	RDS program types	19
	Supported MP3 disc formats	19
8	Troubleshooting	20
9	Notice	21

1 Important

- Read these instructions.
- · Follow all instructions.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the unit.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Battery usage CAUTION To prevent battery leakage which may result in bodily injury, property damage, or damage to the remote control:
- Install all batteries correctly, + and as marked on the remote control.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries when the remote control is not used for a long time.
- The unit shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the unit (e.g. liquid filled objects, lighted candles).

 Where the plug of the Direct Plug-in Adapter is used as the disconnect device, the disconnect device shall remain readily operable.

Know these safety symbols





This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.



Warning

- · Never remove the casing of this unit.
- · Never lubricate any part of this unit.
- Never place this unit on other electrical equipment.
- Keep this unit away from direct sunlight, naked flames or heat
- · Never look into the laser beam inside this unit.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect this unit from the power.

Hearing Safety

4 Danger

 To avoid hearing damage, limit the time you use the headphones at high volume and set the volume to a safe level. The louder the volume, the shorter is the safe listening time.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume continuously upwards as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Excessive sound pressure from earphones and headphones can cause hearing loss.

2 Your Micro System

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Introduction

With this unit, you can:

- enjoy audio from discs, iPod/iPhone, USB devices, and other external devices
- listen to FM radio

You can enrich sound output with these sound effects:

- Digital Sound Control (DSC)
- Dynamic Bass Boost (DBB)

What's in the box

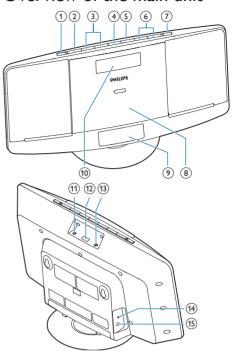
Check and identify the contents of your package:

- Main unit
- Remote control
- Power adapter
- Mounting kit (2 dowels and 2 screws)
- User manual
- · Quick start guide
- Wall mounting instructions

If you contact Philips, you will be asked for the model and serial number of this unit. The model number and serial number are on the bottom of the unit. Write the numbers here:

Model No. ______Serial No.

Overview of the main unit



- (1) _(j)
 - Turn the unit on/off.
 - · Switch to standby mode.

2 SOURCE

 Select a source: CD, FM, USB, Dock, or MP3 LINK

(3) |◀◀ / ▶▶|

- Skip to the previous/next track.
- Search within a track/disc.
- Tune to radio stations.
- · Adjust time.

(4) OK/ ▶II

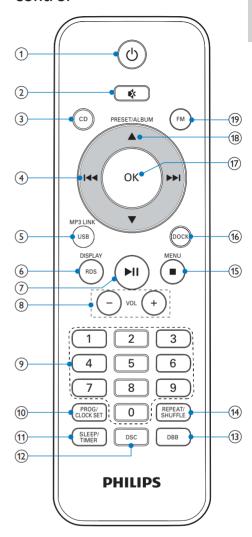
- Confirm selection
- Select mono or stereo broadcast.
- Start/pause play.

(5) MENU/■

- Access iPod/iPhone menu.
- Stop play or erase a program.

- (6) VOLUME + / -
 - · Adjust volume.
- (7) ▲
 - Open/close the disk tray.
- 8 Disc tray
- 9 DOCK for iPod/iPhone
- 10 Display panel
 - Show play information.
- (11) MP3-LINK
 - Connect an external audio device.
- (12) 🖛
 - Connect USB device.
- (13) 🙃
 - Headphone socket.
- (14) FM ANT
 - Improve FM reception.
- (15) DC IN
 - Connect power.

Overview of the remote control



- 1 0
 - Turn the unit on/off.
 - Switch to standby mode.
- 2 🕸
 - Mute/restore sound.

(3) CD

• Select CD source.

(4) |**◄4** / **▶▶**|

- Skip to the previous/next track.
- Search within a track/disc.
- Tune to radio stations.
- Adjust time.

(5) USB/MP3 LINK

Select USB/MP3 link source.

(6) RDS/DISPLAY

- Show time and play information.
- For selected FM radio stations: display RDS information..

(7) ►II

Start/pause play.

(8) VOL +/-

· Adjust volume.

9 Numeric Keypad 0 - 9

- Select a track from a disc or USB device directly.
- Select a preset radio station.

(10) PROG/CLOCK SET

- Program tracks.
- Program radio stations.
- Set time.

(11) SLEEP/TIMER

• Set sleep/alarm timer.

(12) DSC

Select a preset sound setting.

(13) DBB

 Turn dynamic bass enhancement on/ off.

(14) REPEAT/SHUFFLE

- Play a track or all tracks repeatedly.
- Play tracks in current album repeatedly.
- Play tracks randomly.

(15) MENU/ ■

- · Access iPod/iPhone menu.
- Stop play or erase a program.

(16) DOCK

Select iPod/iPhone source.

(17) OK

- · Confirm selection.
- Select mono or stereo broadcast.

(18) ▲ / ▼

- Select a preset radio station.
- Skip to the previous/next album.

(19) FM

• Select FM tuner source.

3 Get started



Caution

 Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.

Placement

You can place the unit on a flat surface or mount the unit on a wall.

Mount on a wall

See the wall mounting instructions included in the package.

Prepare FM antenna

For better reception, fully extend and adjust the position of the FM antenna.



Vote

 To prevent interference, position the antenna as far as possible from TV, VCR, or other radiation sources.

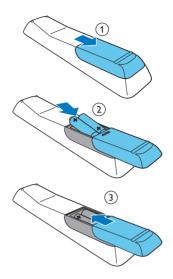
Prepare the remote control



Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Risk of decreased battery life! Never mix different brands or types of batteries.
- Risk of product damage! When the remote control is not used for long periods, remove the batteries.

- 1 Open the battery compartment.
- 2 Insert 2 AAA batteries with correct polarity (+/-) as indicated.
- **3** Close the battery compartment.



Connect power



Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Risk of electric shock! When you unplug the AC power adapter, always pull the plug from the socket. Never pull the cord.
- Before connecting the AC adapter, ensure that you have completed all other connections.

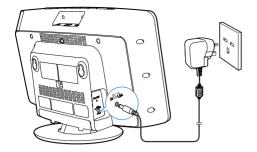


Note

. The type plate is located at the back of the main unit.

Connect the power adapter to:

- the DC IN socket on the main unit.
- the wall socket.



Set clock

- In standby mode, press and hold CLOCK SET on the remote control for two seconds.
 - → [SET CLOCK] (set clock) scrolls on the display, then the 12/24 hour format blinks
- 2 Press I◀ / ►►I repeatedly to select an hour format.
- 3 Press CLOCK SET to confirm.
 - → The hour digits blink.
- 4 Repeat steps 2-3 to set the hour.
- **5** Repeat steps 2-3 to set the minute.
- Repeat steps 2-3 to select whether to synchronize time on this unit with that on the RDS stations.
 - [RDS TIME SYNC [Y]]: synchronize time from the RDS stations automatically.
 - **[RDSTIME SYNC [N]]**: deactivate time synchronization.



Note

- The accuracy of the transmitted time depends on the RDS station that transmits the time signal.
- If no button is pressed in 90 seconds, the unit exits clock setting mode automatically.

Turn on

Press O.

→ The unit switches to the last selected source.



Note

 To select a source, press SOURCE repeatedly or the source selection buttons on the remote control.

Switch to standby mode

Press & again to switch the unit to standby mode.

→ The clock (if set) appears on the display panel.

Store FM radio stations automatically

When the unit turns to FM tuner mode, and no radio stations are stored, the unit begins to store FM radio stations automatically.

- 1 Connect the unit to the power supply.
 - → [AUTO INSTALL PRESS PLAY, STOP CANCEL] (to auto install, press ► III; to cancel, press) is displayed.
- Press and hold ►II for 3 seconds to start full scan.
 - → The unit automatically stores FM radio stations with sufficient signal strength.
 - → When all the available radio stations are stored, the first preset radio station is broadcast automatically.



Tip

To exit storing mode, press ♥ or

Play

Play disc

- Press ≜ to open the disc tray.
- Insert a disc with the printed side facing up.
- Press ≜ to close the disc tray.
- Press CD on the remote control to select the disc source.
 - → [Reading] (reading) blinks for a moment, then CD starts playing automatically. If not, press ►II.

Play from USB



- Make sure that the USB device contains playable audio content.
- Insert the USB device into the socket



- Press **USB** on the remote control to select the USB source.
 - → Play starts automatically. If not, press ►II.

Play from iPod/iPhone

You can enjoy audio from iPod/iPhone through this unit

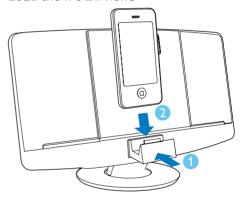
Compatible iPod/iPhone

The unit supports the following iPod and iPhone models:

Made for

- iPod touch (1st, 2nd, 3rd, and 4th generation)
- iPod nano (2nd, 3rd, 4th, 5th, and 6th generation)
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone.

Load the iPod/iPhone



- Push the dock compartment to open it.
- Place the iPod/iPhone in the dock.

Listen to the iPod/iPhone

- Make sure that the iPod/iPhone is loaded correctly.
- Press **SOURCE** repeatedly or **DOCK** on the remote control to select iPod/iPhone source.

11

- Play tracks in the iPod/iPhone.
 - To pause/resume play, press ►II.
 - To skip to a track, press ► / ► .
 - · To search during play, press and hold Idd / ▶▶ then release to resume normal play.
 - To go back to the previous iPod/ iPhone menu, press MENU.
 - To navigate the menu, press **▲** / **▼**.
 - To confirm a selection, press **OK**.

Remove the iPod/iPhone

Pull the iPod/iPhone out of the dock.

Charge the iPod/iPhone



· iPod with color display, iPod classic, and iPod with video are not compatible with dock charging.

When the unit is connected to power, the docked iPod/iPhone begins to charge.



· For certain iPod models, it may take up to a minute before the charging indication appears.

Play options

Pause/resume play

During play, press ►II to pause/resume play.

Repeat/shuffle play

- During play, press REPEAT/SHUFFLE repeatedly to select:
 - : play the current track repeatedly.
 - ALB (for MP3/WMA only): play all tracks in this album repeatedly.

- **C**ALL: play all tracks repeatedly.
- □ : play all tracks randomly.
- To resume normal play, press **REPEAT/SHUFFLE** repeatedly until the above icons disappear.

Skip to a track

For CD:

Press I / ▶ to select a track

For MP3 disc and USB:

- Press A / T to select an album or a folder
- Press | ◀ / ▶ I to select a track/file



To select a track directly, you can also press a key on the numerical keypad.

Search within a track

- During play, press and hold I◀ / ▶► to fast-forward/fast-reverse the track
- Release to resume normal play.

Program tracks

You can program a maximum of 20 tracks.

- In CD/USB mode, press to stop playback.
- Press PROG to activate the programming mode.
 - → [PROG] (program) is displayed.
- 3 For MP3/WMA tracks, press ▲ / ▼ repeatedly to select an album.
- Press ◄ / ▶ repeatedly to select a track, then press **PROG** to confirm.
- Repeat steps 3 to 4 to program more tracks.

- 6 To play the programmed tracks, press ►II.
 - → During play, [PROG] (program) is displayed.
 - To erase the program, when playback is stopped, press **=**.

Adjust sound

During play, you can adjust volume and select sound effects.

Function	Action
To increase/decrease volume	Press VOL
	+/
To mute/restore sound	Press ≰ .
To turn dynamic bass	Press DBB .
enhancement on/off	
To select a sound effect:	Press DSC
[POP] (pop)	repeatedly.
[JAZZ] (jazz)	
[CLASSIC] (classic)	
[ROCK] (rock)	
[FLAT] (flat)	

Display different information

During play, press **DISPLAY** repeatedly to view time and different play information.

5 Listen to FM radio

Tune to FM radio stations



Note

- · Position the antenna as far as possible from TV, VCR, or other radiation source.
- · Ensure that you have connected and fully extended the FM antenna.
- Press **FM** to select FM tuner mode
- - → [SEARCH] (search) is displayed.
 - → The unit tunes to an FM station with strong reception automatically.
- Repeat step 2 to tune to more stations.

To tune to a weak station:

Press | ✓ ✓ / ▶ I repeatedly until you find optimal reception.

Program FM radio stations automatically



· You can program a maximum of 20 preset FM radio stations.

In FM tuner mode, press and hold **PROG** for 3 seconds.

- → [AUTO] (auto) is displayed.
- → The unit automatically stores FM radio stations with sufficient signal strength.
- → When all the available radio stations are stored, the first preset radio station is broadcast automatically.

Program FM radio stations manually

- In tuner mode, tune to an FM radio station
- Press **PROG** to activate programming mode.
 - → [PROG] (program) blinks.
- Press ▲ / ▼ repeatedly to select a channel number.
- Press **PROG** again to confirm.
- Repeat steps 1-4 to store other FM stations.



Note

• To remove a pre-stored station, store another station in its place.

Select a preset radio station

In tuner mode, press ▲ / ▼ or the numeric buttons to select a preset number.

Show RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information. If you tune to a RDS station, an RDS icon is displayed.

- Tune to a RDS station.
- Press RDS repeatedly to scroll through the following information (if available):
 - → Program service
 - → Program type such as **[NEWS]** (news), [SPORT] (sport), [POP M] (pop music)...
 - → Radio text message
 - → Time

Select stereo/mono broadcast



- Stereo broadcast is the default setting for tuner mode.
- For stations with weak signals: to improve the reception, change to monaural sound.

In FM tuner mode, press **OK** to switch between mono and stereo broadcast.

6 Other features

Set the alarm timer

This unit can be used as an alarm timer. You can select CD, FM, iPod/iPhone, or USB as alarm source.



Note

- · Make sure that you have set the clock correctly.
- 1 In standby mode, press and hold TIMER until [SET TIMER] (set timer) scrolls on the display.
 - → [SELECT SOURCE] (select source) is displayed.
- Press SOURCE repeatedly or the source selection buttons on the remote control to select a source: disc, FM, iPod/iPhone, or USB.
- 3 Press TIMER to confirm.
 - → The hour digits blink,
- 4 Press | ◀ / ▶ | repeatedly to set the hour.
- 5 Press TIMER to confirm.
 - → The minute digits blink.
- **6** Repeat steps 4-5 to set the minute and alarm volume.



Vote

- If no button is pressed in 90 seconds, the unit exits alarm setting mode automatically.
- If iPod/iPhone is selected as alarm source, and you have created a playlist called "PHILIPS" in iTunes and import it to your iPod/iPhone, you will wake to a random track in the playlist.
- If no "PHILIPS" playlist is created in the iPod/iPhone or no track is stored in the playlist, you will wake to your last listened track in the iPod/iPhone.

Activate/deactivate the alarm timer

In standby mode, press **TIMER** repeatedly to activate or deactivate the alarm.

→ If the alarm timer is activated, ⊕ is displayed.



Lip

 If CD/USB/iPod source is selected, yet no disc is inserted or no USB/iPod/iPhone connected, the unit switches to the tuner source automatically.

Set the sleep timer



Note

· Make sure that you have set the clock correctly.

When the unit is turned on, press **SLEEP** repeatedly to select the sleep timer period (in minutes).

→ If the sleep timer is activated, **z**^{**Z**} is displayed.



Пıр

 To deactivate the sleep timer, press SLEEP repeatedly until [OFF] (off) is displayed.

Play from an external device

You can also listen to an external audio device through this unit.

- 1 Connect the MP3 link cable (not supplied) to:
 - the MP3 LINK socket (3.5mm) on the unit.
 - the headphone socket on an external device
- Press MP3 LINK to select the MP3 link source.

Listen through the headphone

Plug a headphone into the Ω socket on the unit.

7 Product information



• Product information is subject to change without prior notice.

Specifications

Amplifier	
Rated Output	10 W RMS
Power	
Frequency	80 Hz - 16 kHz, ± 3 dB
Response	
Signal to Noise	≥60 dB
Ratio	
MP3 Link Input	0.5 V RMS 20 kohm

Disc	
LaserType	Semiconductor
Disc Diameter	12 cm/8 cm
Support Disc	CD-DA, CD-R, CD-RW, MP3-CD, WMA-CD
Audio DAC	24 Bits/44.1 kHz
Total Harmonic Distortion	<1.5 % (1 kHz)
Frequency Response	60 Hz - 16 kHz
S/N Ratio	>55 dBA

Tuner (FM)	
Tuning range	87.5 - 108 MHz
Tuning grid	50 KHz
Sensitivity	
- Mono, 26dB S/N Ratio	<22 dBf
- Stereo, 46dB S/N Ratio	>43 dBf

Search selectivity	>28 dBf
Total harmonic distortion	<3%
Signal to noise ratio	>50 dB
Number of presets	20

General information		
AC power	Model: AS190-090-	
	BI190;	
	Input: 100 - 240 V ~,	
	50/60 Hz, 0.7 A;	
	Output: 9 V == 1.9 A	
Operation Power	13 W	
Consumption		
Standby Power	≤1 W	
Consumption		
Dimensions		
- Main Unit	$400 \times 235 \times 98 \text{ mm}$	
$(W \times H \times D)$		
Weight		
- With Packing	3.7 kg	
- Main Unit	2.2 kg	

USB playability information

Compatible USB devices:

- USB flash memory (USB1.1)
- USB flash players (USB1.1)
- memory cards (requires an additional card reader to work with this unit)

Supported formats:

- USB or memory file format: FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 16 bytes)

Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/WMA files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

RDS progra	am types
NOTYPE	No RDS programme
	type
NEWS	News services
AFFAIRS	Politics and current
	affairs
INFO	Special information
	programs
SPORT	Sports
EDUCATE	Education and advanced training
DRAMA	Radio plays and literature
CULTURE	Culture, religion and
COLIONE	society
SCIENCE	Science
VARIED	Entertainment programs
POP M	Pop music
ROCK M	Rock music
MOR M	Light music
LIGHT M	Light classical music
CLASSICS	Classical music
OTHER M	Special music programs
WEATHER	Weather
FINANCE	Finance
CHILDREN	Children's programs
SOCIAL	Social affairs
RELIGION	Religion
PHONE IN	Phone In
TRAVEL	Travel

LEISURE	Leisure
JAZZ	Jazz music
COUNTRY	Country music
NATION M	National music
OLDIES	Oldies music
FOLK M	Folk music
DOCUMENT	Documentary
TES	Alarm test
ALARM	Alarm

Supported MP3 disc formats

- ISO9660, Joliet
- Maximum title number: 999 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
- Supported Bit-rates: 32~320 (kbps), variable bit rates

8 Troubleshooting

A

Warning

· Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.

If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www. philips.com/welcome). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

No power

- Ensure that the AC power plug of the unit is connected properly.
- Ensure that there is power at the AC outlet.
- To save power, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

No sound or poor sound

- Adjust the volume.
- Disconnect the headphones.

No response from the unit

- Disconnect and reconnect the AC power plug, then turn on the unit again.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

Remote control does not work

- Before you press any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/– signs) aligned as indicated.

- Replace the battery.
- Aim the remote control directly at the sensor on the front of the unit.

No disc detected

- Insert a disc.
- Check if the disc is inserted upside down.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

USB device not supported

• The USB device is incompatible with the unit. Try another one.

Poor radio reception

- Increase the distance between the unit and your TV or VCR.
- Fully extend the FM antenna.

Timer does not work

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased

- Power has been interrupted or the power cord has been disconnected.
- Reset the clock/timer.

9 Notice

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

Made for iPhone

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.



This product complies with the radio interference requirements of the European Community.

This product complies with the requirements of the following directives and guidelines: 2004/108/EC + 2006/95/EC



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.



Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.



The making of unauthorized copies of copyprotected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

This apparatus includes this label:





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