

# User manual



**PHILIPS**

## **4 WELCOME**

- 4 About your new player
- 5 Accessories
- 5 Optional accessories
- 6 Registration
- 6 More information

## **7 GETTING STARTED**

- 7 Overview of controls and connections
- 9 Basic first steps
- 9 Charging
- 10 Installing software
- 11 Connecting your ShoqBox to the PC via the USB port
- 11 Transferring music
- 11 Powering on / off
- 12 Selecting a music track to play
- 12 Look at the demo mode to see key features

## **13 ORGANIZE AND TRANSFER MUSIC WITH WINDOWS MEDIA PLAYER 10**

- 13 Adding songs to the Windows Media Player Library
- 15 Ripping songs from a CD
- 16 Synchronizing content to your device

16	Automatic synchronization:
16	Manual synchronization:
16	To set up automatic synchronization
17	Manual synchronization
20	Creating a playlist
20	Transferring a playlist
21	Managing your tracks and playlists
<b>23</b>	<b>SHOQBOX MAIN ROOT MENU</b>
<b>24</b>	<b>SHOQBOX BASIC OPERATIONS</b>
25	Playing music on ShoqBox
26	ShoqBox display icons
26	Battery level indications
27	Customizing settings
<b>30</b>	<b>DETAILED OPERATIONS</b>
30	Music mode
32	Line-in mode
33	ShoqBox time and date
33	Alarm mode5
35	Setting Alarm Time - for users with 12 hour / AM PM settings
35	Setting Alarm Time - for users with 24 hour settings
35	Setting Alarm Repeat
36	Setting Alarm Source - Music
38	Setting Alarm Source - Buzzer

- 38 Alarm Auto Snooze
- 38 Disabling Auto Snooze
- 38 Disabling Alarm during Alarm sound
- 39 UPDATING YOUR PLAYER**
- 40 To manually check whether your firmware is up to date
- 41 TROUBLE SHOOTING**
- 41 There is no Music on my player after transfer
- 41 My ShoqBox player is frozen
- 41 To repair your ShoqBox using Philips Device Manager
- 42 My player is full and I have less songs on my player than I expected
- 44 SAFETY AND MAINTENANCE**
- 44 General maintenance
- 44 About operating and storage temperatures
- 45 Hearing safety
- 45 Traffic safety
- 46 Copyright information
- 47 Disposal of your old product
- 47 Environmental information
- 47 Modifications
- 48 TECHNICAL DATA**

# Welcome

## About your new player

With your newly purchased ShoqBox, you can enjoy the following:

- Music playback of MP3 and WMA digital audio tracks from the built-in memory
- Line-in mode to play your favorite external audio sources, like music from your laptop or other digital audio player
- Alarm function to wake up your way to buzzer; music

*For more information on any of these functionalities see their dedicated chapters.*

# Accessories

The following accessories are included with your player



multi-voltage 5V  
AC/DC power  
adapter / charger



travel case to  
protect your  
ShoqBox



line-in cable to  
connect ShoqBox  
to any audio  
source, like your  
laptop



USB cable to  
connect ShoqBox  
to your PC



CD-ROM with  
Windows Media  
Player; Philips  
Device Manager  
and user manuals

## Optional accessories

These accessories are not included with your player but can be bought separately.

The following accessories are not included with your ShoqBox, but can be bought separately.

You can find them at [www.philips.com/GoGearshop](http://www.philips.com/GoGearshop) (Europe) or [www.store.philips.com](http://www.store.philips.com) (US).

- Protective ShoqBox neoprene travel pouch with carry strap

# Registration

Since it is possible for you to upgrade your product, we recommend that you register your product on [www.philips.com/register](http://www.philips.com/register) so we can inform you as soon as new free upgrades become available.

## More information

Please visit [www.philips.com/support](http://www.philips.com/support) or [www.usasupport.philips.com](http://www.usasupport.philips.com) (for U.S. residents)

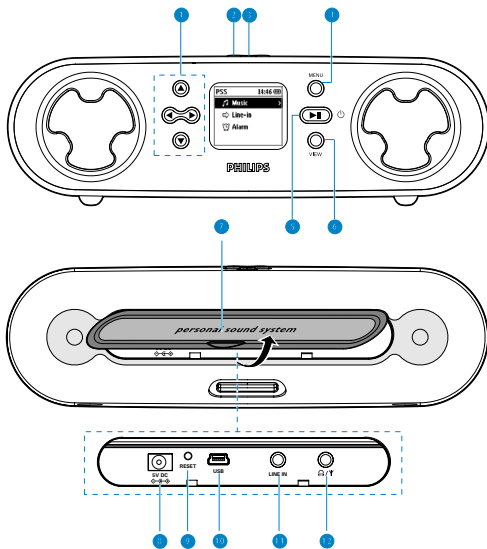
Enter your product model number to view:

- FAQ, Frequently Asked Questions
- Latest user manuals
- Tutorials
- Latest PC software downloads
- Device Manager / Firmware upgrade files








The model and production numbers can be found on a label at the back of your product under the ShoqBox back cover:

# Getting started

## Overview of controls and connections





1	Navigation	   	Scroll up / Previous / Fast rewind Scroll down / Next / Fast forward Back to previous level Go to next level
2	Volume controls	+ -	Increase volume Decrease volume
3	Bass boost	DBB	Enable or disable Dynamic Bass Boost to enhance bass tones
4	MENU		
5	POWER / PLAY / PAUSE		Press and hold for 2 seconds to power on / off ShoqBox, Play / Pause
6	VIEW	VIEW	Toggle between Root menu and music playback screen / current navigation screen
7	Connections cover		
8	5V DC		Charger /adapter connection for power supply
9	Reset opening		Press here using a pin if the ShoqBox "hangs" or "freezes". Note: your music content will not disappear.
10	USB		USB connector for USB2.0 transfers from the PC to ShoqBox
11	Line in		3.5mm socket for line-in audio cable: connects to LINE OUT / headphone socket of your laptop or auxiliary equipment
12	Headphone socket	 / 	3.5mm jack for headphones (not included) FM antenna socket (Not applicable to PSS231)

# Basic first steps

## 1

### Charging

- 1 Connect the supplied multi-voltage adaptor/charger to your ShoqBox by plugging it into the 5V DC connector at the back of your product under the ShoqBox back cover and then plug the other end into a standard mains power outlet.
- 2 The battery will be fully charged in 4 hours when charging it for the first time and 70% charged in 1 hour for quick charge.
- 3 The player is fully charged when the charging animation stops and the battery icon shows a full battery.
- 4 When fully charged, your ShoqBox will supply up to 10 hours\* playback of music.

Note: \* Rechargeable battery has 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.



When the battery is nearly empty, you will hear beep sounds and see the battery low screen.



If you do not charge your ShoqBox at this point, the player will automatically switch off.

# 2

## Installing software

What you need before software installation:

- PC with Windows® XP (SP1 or above)
- Internet connection with Microsoft Internet Explorer 6.0 or higher
- CD-ROM drive
- USB port
- 500 MB hard disk space recommended

### IMPORTANT!

Always install the software from the CD even if you may have Windows Media Player. Any additional utility applications (for example to upgrade and repair your player) will otherwise not be installed.

- ① Insert the CD supplied with your product into the CD ROM drive of your PC.
- ② Follow the onscreen instructions to complete the installation of Windows Media Player and Philips Device Manager.
- ③ You may need to restart your PC after software installation.
- ④ If the installation program does not start automatically, browse the CD contents via Windows Explorer and run the program by double clicking on the file ending with .exe.

Lost your CD? Don't worry, you can download the CD contents from [www.philips.com/support](http://www.philips.com/support) or [www.usasupport.philips.com](http://www.usasupport.philips.com) (for U.S. residents).

# 3

## Connecting your ShoqBox to the PC via the USB port

Open the connections cover at the back of your ShoqBox. Connect the included adapter to your ShoqBox and to the main power supply. Connect the smaller end of your USB cable to your ShoqBox and the bigger end to your computer's USB port.

Your ShoqBox will be recognized by your computer and is ready for music transfer.

# 4

## Transferring music

You can transfer music and pictures to your player using Windows Media Player 10. See "Organise and synchronise music with Windows Media Player 10" in this user manual for more details.

# 5

## Powering on / off

Power on: Press and hold ►|| until the PHILIPS screen appears.



Power off: Press and hold ►|| again.

Note: Your device automatically powers down if there is no operation and no music played for 10 minutes.

# 6

## Select a music track to play

Use the navigation keys to the left of the display to select a song for playback.

Play a song by pressing ►||. Press the same key to pause the music.

As with most digital audio players, there is no stop key.

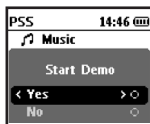
# 7

## Look at the demo mode to see key features

The demo mode can be started from any mode by pressing MENU key.

Go to:

Settings > Demo mode > Start Demo > Yes



Start Demo in  
ROOT menu



Start Demo in  
MUSIC mode

To turn off the demo, simply press and hold ►|| in Demo mode.

# Organize and transfer music with Windows Media Player 10

Note: Windows XP operating system is required for Windows Media Player 10.

This chapter describes the basic operations and steps that you need to follow to successfully transfer music to your ShoqBox.

For more information, please refer to Windows Media Player Help on your computer.

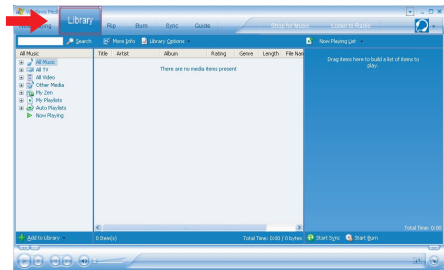
## Adding songs to the Windows Media Player Library

Adding songs that are already on your computer

- 1 Start Windows Media Player by clicking the following icon on your desktop.

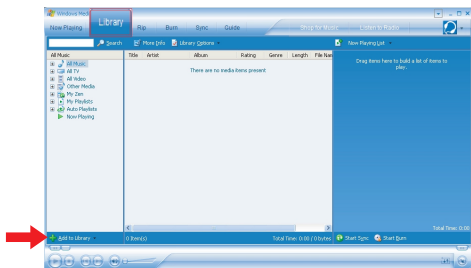


- ② Select Library tab to access media library.



- ③ Click **Add to Library** on the bottom left of the screen.

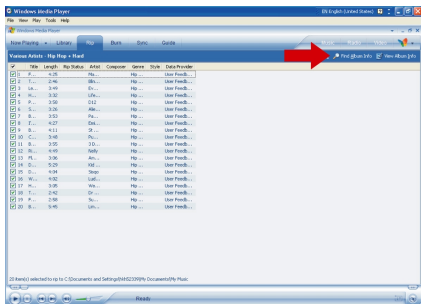
- ④ You can choose to add files from folder; URL, by searching your computer, etc.



# Ripping songs from a CD

If you want to transfer music from a CD to your player, you need to create a digital copy of the music on your PC first. This is called ripping.

- 1 Start Windows Media Player.
- 2 Insert the Audio CD.
- 3 Select Rip tab to display a list of music tracks on your CD.
- 4 If your computer is connected to the Internet, the album information will be automatically obtained so that you don't have to enter the song titles and other information manually.
- 5 If this does not happen, check that you are connected to the Internet and click Find Album Info.



- 6 Select the music tracks you would like to rip and click Rip Music on the top menu bar.
- 7 The music tracks will be converted into digital copies and added to Windows Media Player library.



# Synchronizing content to your device

When you connect your player to your computer for the first time, Windows Media Player starts the Device Setup Wizard. You can choose to synchronize your player with the library automatically or manually.

## Automatic synchronization:

Every time you connect your player to your computer and start Windows Media Player, the content on your device will be updated automatically according to the sync settings you specified.

## Manual synchronization:

When you connect your device to your computer, content update will not start until you select the content and specify the order in which it is synchronized.

## To set up automatic synchronization

Connect your device to your computer using the USB cable.

Launch Windows Media Player.

Select Sync tab. Click "set up" sync button.

A screen will pop up asking "How do you want to synchronize this device?" Choose "Automatic".

Select "customize the playlists that will be synchronized".

Click "next".

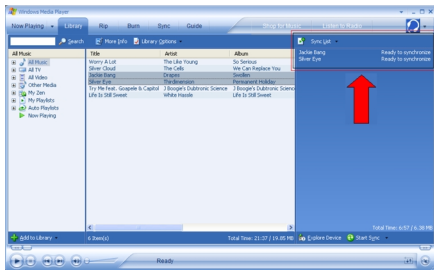
Select those items that you want to be auto synchronized. Click "Finish".

Automatic synchronization has been enabled.

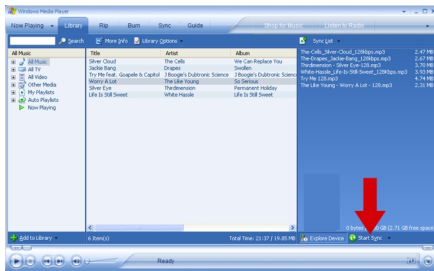




- 9 Or drag and drop the song into the Sync List on the right pane.



- 10 Click Start Sync button at the bottom of the screen to start synchronization. The progress will be displayed just above the Start Sync button.



## TIP

We recommend that you always use Windows Media Player to transfer music to your player. However, if you prefer to use Window Explorer, always make sure to copy your music into the Media/Music folder; otherwise the songs will neither show nor play on your player.

# Creating a playlist

- ① Start Windows Media Player.
- ② Select Library tab to access media library.
- ③ Click to highlight a track.
- ④ Right click on the track and select Add to > Additional Playlist...
- ⑤ In the Add to Playlist dialog box, select an existing playlist or click New to add a new playlist.
- ⑥ The track you have selected will be added to the playlist.



## TIP

To Select more than one track, press and hold the <Ctrl> key of your keyboard, then click to select any number of tracks.

To select consecutive tracks in a list, click the first track, then press and hold the <Shift> key of your keyboard and click the last track in the list you want to select.

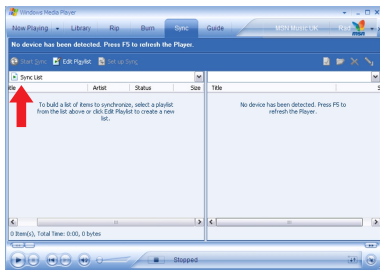
# Transferring a playlist

You can transfer playlists to your player via the automatic synchronization option of Windows Media Player:

(See “Setting up automatic synchronization” on page 16 for step by step instructions)

- ① Select Sync tab.

- Click Sync settings or Setup Sync, select Synchronize device automatically check box and select the playlists to be synchronized with the player.



## Managing your tracks and playlists

Delete Tracks and Playlists from Windows Media Player library

- Click to highlight an item.
- Right click and select Delete to delete the item.



### TIP

It is not possible to delete playlists that are on your ShoqBox player via Windows Media Player. You can only delete the playlist via the device itself or via Windows Explorer.

Delete playlists via Windows Explorer

- Connect the player to your computer.
- Open Windows Explorer.
- Select Philips ShoqBox > Media > Music.
- Highlight the playlist you want to delete, right click and select Delete.

## Edit Track Information via Windows Media Player

- 1 Select Library tab.
- 2 Highlight the track you want to edit, right click and select Edit.
- 3 Edit on the text box directly.

## Search for Tracks via Windows Media Player

- 1 Select Library tab.
- 2 Type a search string in the search field.
- 3 Click Search to start searching.
- 4 A list of tracks containing the search string will be displayed.
- 5 You can play, transfer, delete, add to sync list, etc.



### TIP

For further details of music transfer on Windows Media Player 10, go to the Help section of Windows Media Player and click Help > Synchronizing content to devices.

# ShoqBox main root menu

When your ShoqBox powers up, you will see the main root menu, it contains the following items:



Music            to play your digital music tracks

Line-in        to use the ShoqBox speakers to listen to music from any external source such as your laptop or other digital audio player

Alarm         to enter the alarm function

For more information on any of these functionalities see their dedicated chapters.



# ShoqBox basic operations

Basic Operation	Controls to press
Switch ShoqBox on / off	Press and hold ►
Select Music / Line-in	Press <b>VIEW</b> to highlight and select
Enter/ exit the menu display	Press <b>MENU</b>
Scrolling and browsing	▲, ▼, ◀, ▶ for up, down, left, right
Go to different levels of menu	Press ▶ for next and ◀ for previous
Play music	Highlight selection and press ►
Pause music playback	Press ►   during playback
Change volume	Press <b>VOLUME + / -</b>
Fast forward in a track	Press and hold ▼
Rewind in a track	Press and hold ▲
Play next or previous track	Press down ▼ for next and ▲ for previous
View more information about track	Press ▶ from playscreen

# Playing music on ShoqBox

From the root menu, press ► to enter the music selection options.



You can search your ShoqBox music library via the following options, see screen example












When you find a song you wish to play, ensure it is highlighted and press ►►.









# ShoqBox display icons


The ShoqBox display will use the following icons, which are explained in the table below:

 Music mode	 Line-in mode
 Alarm clock	 Equalizer
< Previous menu / library level available	> Next menu / library level available
 Option available for selection	 Option selected
 Repeat 1	 Repeat all
 Shuffle	<b>DBB</b> Dynamic Bass Boost selected

## Battery level indications

-  **Low battery warning:** appears when battery power is very low. Please use the 5V adapter to recharge/ operate your ShoqBox, otherwise ShoqBox enters the power shutdown mode within a minute.
-  **Battery one-third full**
-  **Battery two-thirds full**
-  **Battery full**
-  appears when charging battery
-  appears when operating on adapter fully charged

# Customizing settings

- 1 Press **MENU** for menu options. Press ▲ to scroll up or ▼ to scroll down for your option. Press ► for next or ◀ for previous levels of menu.
- 2 Press ► to confirm your selection by checking .
- 3 Press **MENU** or ◀ to exit the menu display.  
Options for each setting are shown on ShoqBox's display.

Bold means default setting.

Mode	Level 1	Level 2	Level 3	Level 4
Music	Shuffle / Repeat	Repeat 1		Default setting in bold.
		Repeat all		
		Shuffle & Repeat		
		Shuffle		
		<b>Off</b>		
		Playscreen info	<b>Show next track</b>	
Common	Sleep timer	Show track number		
		<b>Off</b>		
		15 mins		
		30 mins		
		60 mins		

Mode	Level 1	Level 2	Level 3	Level 4	
	Equalizer	Rock			
		HipHop			
		Jazz			
		Dance			
		Funk			
		<b>Off</b>			
	Settings	Display		Backlight	5 sec
					10 sec
					30 sec
					Off
				Contrast	Level 6 - 1
		Screen saver		<b>Off</b>	
				30 sec	
			1 min		
			2 mins		
			Auto Shutdown	30 sec	
Clock	Time and Day		Day / Hour / Minute		
			<b>12-hour</b>		
			24-hour		

Mode	Level 1	Level 2	Level 3	Level 4
	Language	<b>English</b>		
		Français		
		Italiano		
		Deutsch		
		Español		
		Português		
		简体中文		
		繁體中文		
		日本語		
		한국어		
		Nederlands		
		Svenska		
	Information			
	Restore factory settings	No		
		Yes		
	Demo mode	Yes		
		No		

# Detailed operations

## Music mode

Your device is preloaded with some music tracks. You can also transfer your digital music collection from your computer to your device through Windows Media Player 10.

More information about music transfer can be found in the above sections of the manual.

Once you have downloaded MP3/ WMA tracks from your computer to the ShoqBox, you can access your music in 5 different ways on the ShoqBox.

- 1 Press **VIEW** and select **MUSIC** to enter the music mode.
- 2 Press the navigation keys to the left of the display to scroll up or down for your option
- 3 Press **▶** to select an option / to go to the next, or **◀** to go to the previous levels of library.
- 4 Press **▶||** to play your selection.
- 5 You will see the music playback screen.



- ⑥ From this screen, you can click ▶ to see more information about the song, including the next song scheduled for playback.



### Music mode settings

It is possible to change the play screen default to show number of tracks in the selection instead of the next track title.

Go to

**MENU - PLAYSCREEN INFO** - Show next track (default)


or

**MENU - PLAYSCREEN INFO** - Show track number

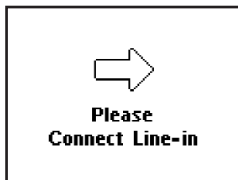


# Line-in mode

You can use your ShoqBox to act as a powerful mini speaker:

- ① Connect the included audio cable between **LINE IN** on ShoqBox to the **LINE OUT** /  connection on your auxiliary equipment.
- ②. On ShoqBox, press **VIEW** and select line-in to enter the Line in mode.
- ③. Operate the controls on your auxiliary equipment to playback.
- ④ Adjust the volume on both ShoqBox and your device.

If you activate the Line-in mode without turning on your auxiliary equipment, laptop or other digital audio player; then you will see this error message.



# ShoqBox time and date

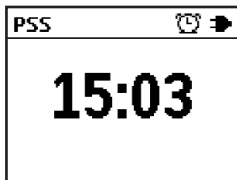
The time is displayed using the 12-hour and 24-hour clock. 12-hour clock is the default option.

You will need to set both the clock time and date before you can use the alarm options.

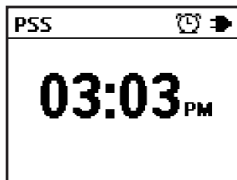
- 1 In any mode, enter the menu: **Settings > Clock > Day and Time > ...**
- 2 Highlight the menu option you want to adjust.
- 3 Press ▲ and ▼ to adjust the day / hours / minutes.

When the ShoqBox is connected to mains power, you will see the time on the display.

Example 24 hour settings



Example 12 hour settings



## Alarm mode

You can use ShoqBox as an alarm clock. Before you activate the alarm, ensure that you have set the time and date correctly.

Note: During the alarm call, the current ShoqBox mode (for example Music / Line-in) will be interrupted.

1. To activate the alarm, enter **Alarm** from the root menu screen.



2. Select **ON** or **OFF**

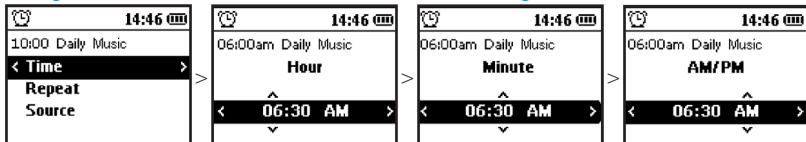


3. If you select **ON**, you will be brought to the Alarm main settings screen. In the screen below, the Alarm is set for 10:00.



Settings	Function	Screen example
Time	Set Alarm time	Screen example is 10:00
Repeat	Set Alarm frequency	Screen example is Daily
Source	Set Alarm sound	Screen example is Music

### Setting Alarm Time - for users with 12 hour / AM PM settings



You need to select the alarm hour, minute and AM / PM separately.

### Setting Alarm Time - for users with 24 hour settings



You need to set the alarm hour and minute separately.

### Setting Alarm Repeat



You can set the Repeat settings of your Alarm according to the table below:

Daily	Alarm will be activated every day
Weekdays	Alarm will be activated every day between Monday to Friday
Weekend	Alarm will be activated every Saturday and Sunday

The alarm will sound for 2 minutes in your selected alarm source mode and then enter the "Auto snooze" mode. The "Auto snooze" alarm remains active and repeats the call at 10-minute intervals, until you choose to cancel the alarm.

After one hour, the Auto snooze will no longer be active.

### Setting Alarm Source - Music

You can select which type of Music source you wish to use for your Alarm.

Use the navigation keys to the left of the display to select alarm source by following the example screens below.

If you select Music, you can select a specific music track, you can select it by going one level deeper in the menu after Artists / Albums (see screens 4 and 5 below).

Screen 1



Screen 2



Screen 3



Screen 4



Screen 5



## Setting Alarm Source - Buzzer

You can select Buzzer for your Alarm.

Use the navigation keys to the left of the display to select buzzer by following the example screens below.



## Alarm Auto Snooze

When your alarm is activated, it will sound for 2 minutes. If you do not press a key during this minute, the ShoqBox will Auto Snooze. During Auto Snooze, your alarm will sound every 10 minutes for 2 minutes.

## Disabling Auto Snooze

Auto Snooze will automatically stop after 1 hour.

## Disabling Alarm during Alarm sound

During the alarm sound, any key will bring up the message below



If you then press any key, the alarm will be cancelled.

# Updating your player

Your player is controlled by an internal software program called firmware. New versions of the firmware may be released after you have purchased your player.

A software program called **Philips Device Manager** will monitor the firmware status of your player and notify you if a new firmware is available. You need an Internet connection for this.

Install **Philips Device Manager** from the supplied CD or download the latest version from [www.philips.com/support](http://www.philips.com/support) or [www.usasupport.philips.com](http://www.usasupport.philips.com) (for U.S. residents)

Every time you connect your player to your computer, Philips Device Manager will automatically connect to the Internet and check for updates.



# To manually check whether your firmware is up to date

- 1 Power your player with the supplied AC/DC adapter.
- 2 Connect your player to the computer:
- 3 Launch **Philips Device Manager** from **Start > Programs > Philips Device Manager**. Alternatively, you can launch Philips Device Manager from the computer desktop by double clicking on the icon below.



- 4 Select your device.



- 5 Click Update.

# Troubleshooting

## There is no Music on my player after transfer

If you cannot find the songs that you transferred on your player, check the following:

1. Did you transfer with Windows Media Player? Files transferred via other means will only be recognized as data files - they will neither appear nor play in the music library of your device.
2. Are your songs in MP3 or WMA format? Other formats will not playback on the ShoqBox.

## My ShoqBox player is frozen

In rare cases your player can "FREEZE". Don't panic, just insert a pin into the RESET hole located on the back of ShoqBox and press and hold the pin until the device shuts down. Then press power to restart.

The available content on your player will not be erased.

If nothing happens, recharge the battery for at least 4 hours and try to switch on or reset again. If this does not work, you might have to repair your player with **Philips Device Manager**.

## To repair your ShoqBox using Philips Device Manager

1. Connect your device to your computer. Launch **Philips Device Manager** from **Start > Program > Philips Device Manager**.  
Select your product from the drop down menu.
2. In the main window, click Repair:  
Press OK to confirm your selection. You will be prompted to disconnect your device from your computer as soon as **Philips Device Manager** finishes interacting with your device.
3. Once the USB cable is disconnected, firmware restore will start automatically. The process is complete when the device restarts and displays the power up splash screen.



During repair all content and music will be erased!  
Please back up all your files before device restore/repair.

**My player is full and I have less songs on my player than I expect**

Your device has built-in memory to store songs. Check your model number to see the actual memory size. You will be able to store more songs on your device if you use WMA formatted songs in 64 kbps with variable bitrate.

## Notice for the USA



### Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

## Notice for Canada:

This Class B digital apparatus complies with Canadian ICES-003.

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

## Notice for the European Union

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

# Safety and Maintenance

## General maintenance

### To avoid damage or malfunction:

- Do not expose to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your player or allow objects to fall on your player.
- Do not allow your player to be submersed in water. Do not expose the earphone socket or battery compartment to water as water entering the set may cause major damage.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Active mobile phones in the vicinity may cause interference.
- Backup your files. Please ensure that you retain the original files that you have downloaded to your device. Philips is not responsible for any loss of content if the product becomes damaged or not readable / legible.
- Manage (transfer, delete, etc.) your music files only through included music software to avoid problems!

## About operating and storage temperatures

- Operate in a place where the temperature is always between 0 and 35°C (32 to 95°F).
- Store in a place where the temperature is always between -20 and 45°C (-4 to 113°F).
- Battery life may shorten in low temperature conditions.
- Take care when using headphones (not included with ShoqBox).

## Hearing safety

Listen at a moderate volume. Using headphones at high volume can impair your hearing. We recommend Philips headphones (sold separately) for this product.

### **Important (only for models with by-packed headphones):**

Philips guarantees compliance with the maximum sound power of its audio players as determined by relevant regulatory bodies only with the original model of provided headphones. In case this one needs replacement, we recommend that you contact your retailer to order a model identical to that of the original provided by Philips.

## Traffic safety

Do not use headphones while driving or cycling as you may cause an accident.

# Copyright information

- All other brand and product names are trademarks of their respective companies or organizations.
- Unauthorized duplication of any recordings downloaded from the internet or made from audio CDs is a violation of copyright laws and international treaties.
- The making of unauthorized copies of copy-protected material, including computer programmes, 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.
- Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

## Important

This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.

*Content providers are using the digital rights management technology for Windows Media contained in this device ("WM-DRM") to protect the integrity of their content ("Secure Content") so that their intellectual property, including copyright, in such content is not misappropriated.*

*This device uses WM-DRM software to play Secure Content ("WM-DRM Software").*

*If the security of the WM-DRM Software in this device has been compromised, owners of Secure Content ("Secure Content Owners") may request that Microsoft revoke the WM-DRM Software's right to acquire new licenses to copy, display and/or play Secure Content.*

*Revocation does not alter the WM-DRM Software's ability to play unprotected content.*

*A list of revoked WM-DRM Software is sent to your device whenever you download a license for Secure Content from the Internet or from a PC.*

*Microsoft may, in conjunction with such licenses, also download revocations lists onto your device on behalf of Secure Content Owners.*

# Disposal of your old product

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 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. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

## Environmental information

We have reduced the packaging to its minimum and made it easy to separate into materials: cardboard, PS, PE, PET.

Your set consists of material which can be recycled if disassembled by a specialized company. Please observe the local regulations to dispose of packaging, exhausted batteries and old equipment.

## Modifications

Modifications not authorized by the manufacturer may void user authority to operate this device.



# Technical data

<b>Picture / Display</b>	Display Type:	LCD
	Backlight:	White superbright LED
	Line of text:	5
	Resolution:	128 x 96 pixels
	Indication:	Battery status, time, alarm, DBB
	Language support:	English, French, Spanish, German, Dutch, Swedish, Italian, Portuguese, Chinese (simplified), Chinese (traditional), Japanese, Korean
<b>Sound</b>	Output power:	2 x 2 W RMS (4 ohm, speaker) 2 x 3 mW RMS (16 ohm, earphone)
	Amplifier:	2 ch x 2 W Class-D amplifier
	Sound enhancement technology:	Dynamic Bass Boost (DBB)
	Equalizer:	6 bands
	Equalizer settings:	Rock, Pop, Jazz, Hiphop, Classic, Normal
	Volume control:	Digital
	Signal to noise ratio:	>80 dB (earphone), >50 dB (speaker)
	Frequency response:	20 Hz-20 KHz
<b>Audio Playback</b>	Compression format:	MP3, WMA
	ID3 Tag support:	Track title, artist name, album name, file name
	MP3 bit rates:	8-320 kbps and VBR
	MP3 sample rates:	8, 11.025, 16, 22.050, 32, 44.1, 48 KHz
	WMA bit rates:	5-192 kbps
WMA sample rates:	8, 11.025, 16, 22.050, 32, 44.1, 48 KHz	

<b>Storage Media</b>	Built-in memory capacity: PSS231 - 1GB** (holds and plays up to 1000 songs) Built-in memory type: NAND Flash
<b>Connectivity</b>	DC in: 5 V, D=3.0 mm Headphone: 3.5 mm USB <sup>†</sup> : type B port, 5P, USB 2.0 supported Line in (Aux in): 3.5 mm
<b>Power</b>	Adaptor type: multi-voltage (AC: 100-240 V, 50-60 HZ) Battery type: built-in Li-ion rechargeable battery Battery capacity: 1600 mAh Battery playback time: 10 hours* Charging time: 4 hours Battery replaceable: by Philips service only
<b>System requirements</b>	PC with Windows® XP (SP1 or above) Internet connection with Microsoft Internet Explorer 6.0 or higher CD-ROM drive USB port 500 MB hard disk space recommended

\* Rechargeable batteries has 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.

\*\* 1GB = 1 billion bytes; available storage capacity will be less.

1MB = 1 million bytes; available storage capacity will be less.


Full memory capacity may not be available as some memory will be reserved for the player.

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.

PHILIPS reserves the right to make design and specification changes for product improvement without prior notice.  
All rights reserved.



 Be responsible  
Respect copyrights

Printed in China

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips Electronics N.V.  
or their respective owners  
2005 © Koninklijke Philips Electronics N.V. All rights reserved.

[www.philips.com](http://www.philips.com)

