## www.philips.com/welcome

DCM278



EN	User manual	3
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# **PHILIPS**

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## 1 Important

## Safety

### Important Safety Instructions

- (1) Read these instructions.
- (2) Keep these instructions.
- 3 Heed all warnings.
- (4) Follow all instructions.
- (5) Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 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 apparatus.
- (10) Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus.

  When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tipover.
- 12 Unplug this apparatus during lightning storms or when unused for long periods of time.

- (13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus 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 apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- (14) Battery usage CAUTION To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:
  - Install all batteries correctly, + and as marked on the unit.
  - Do not mix batteries (old and new or carbon and alkaline, etc.).
  - Remove batteries when the unit is not used for a long time.
- (15) Apparatus shall not be exposed to dripping or splashing.
- (16) Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).
- (17) Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

## **♠** Warning

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

### Hearing safety

#### Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.
- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.
- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume 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. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

### **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.

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.

### This apparatus includes this label:



## 2 Your Micro Hi-Fi 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, USB devices, iPod players, iPhone and other external devices, or listen to radio stations. The unit offers Digital Sound Control (DSC) and Dynamic Bass Boost (DBB) to enrich sound.

The unit supports the following media formats:



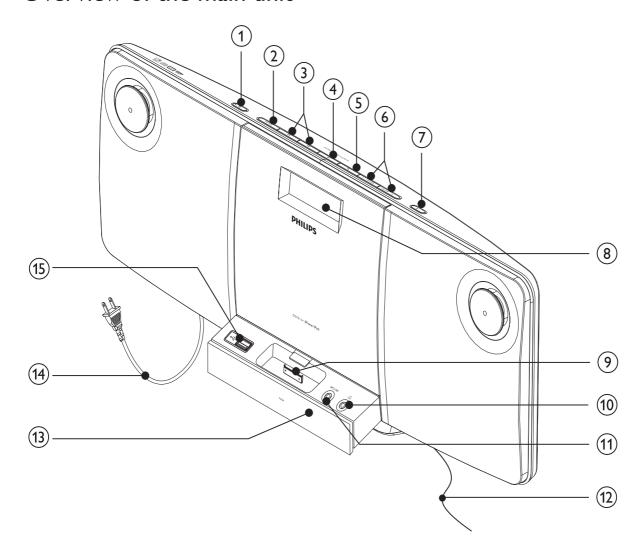


### What's in the box

Check and identify the contents of your package:

- Main unit
- Remote control
- 1 x MP3 link cable
- Mounting kit (2 dowels and 2 screws)
- Quick start guide
- User manual
- Wall mounting instructions

### Overview of the main unit

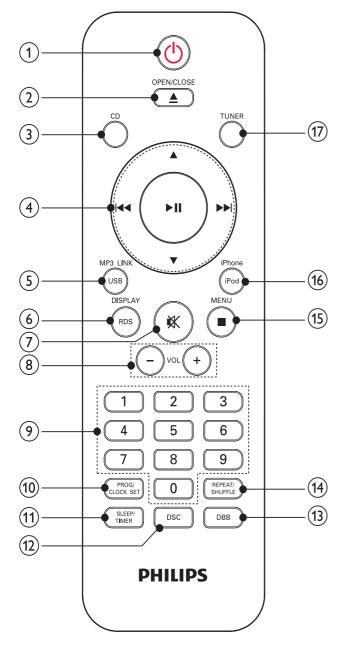


- (1) <sub>(1)</sub>
  - Turn on the unit, or switch to standby mode.
- (2) SOURCE
  - Select a source: CD, FM tuner, USB, iPod, or MP3 link.
- (3) |◀◀/▶▶|
  - Skip to the previous/next track.
  - Search within a track.
  - Tune to a radio station.
  - Select 12 hour or 24 hour format.
- (4) ►II
  - Start or pause play.
- (5)
  - Stop play or erase a program.

- (6) VOLUME + / -
  - Adjust volume.
- **(7)** ▲
  - Open/close the disc compartment.
- 8 Display panel
  - Show current status.
- (9) Dock for iPod/iPhone
- (10) 🙃
  - Jack for the headphone.
- (11) MP3 LINK
  - Audio input jack (3.5mm) for an external audio device.
- (12) FM antenna
  - Improve FM reception.

- (13) Remote sensor
- (14) AC cord
- (15) 🗠
  - Jack for a USB mass storage device.

# Overview of the remote control



- (1) <sub>(b)</sub>
  - Turn on the unit, or switch to standby mode.

- (2) OPEN/CLOSE ▲
  - Open or close the disc compartment.
- (3) CD
  - Select disc source.
- (4) ▲/▼
  - Navigate in the iPod menu.
  - Skip to the previous/next album.

- Skip to the previous/next track.
- Search within a track.
- Tune to a radio station.
- Select 12 hour or 24 hour format.

Start or pause play.

### (5) USB/MP3 LINK

- Select USB device source.
- Select external audio device source.

### (6) RDS/DISPLAY

- Select display information during play.
- RDS function unavailable in this version.
- (7) י≰
  - Mute or restore volume.
- (8) VOL +/-
  - Adjust volume.
- 9 Numeric keypad
  - Select a track from a disc directly.

### (10) PROG/CLOCK SET

- Program tracks.
- Program radio stations.
- Set the clock.

### (11) SLEEP/TIMER

- Set the sleep timer.
- Set the alarm timer.
- (12) DSC
  - Select a preset sound setting.
- (13) DBB
  - Turn on or off dynamic bass enhancement.

### (14) REPEAT/SHUFFLE

- Play a track or all tracks repeatedly.
- Play tracks randomly.

### (15) **■**/MENU

- Stop play or erase a program.
- Access the iPod menu.

### (16) iPod

Select iPod source.

### (17) TUNER

• Select 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

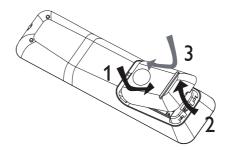
To wall mount the unit, see the included separate sheet of wall mounting instructions.

## Prepare the remote control



### Caution

• Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.



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



#### Note

- If you are not going to use the remote control for a long time, remove the batteries.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed of properly.

## Connect power



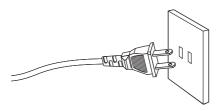
#### Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the bottom of the unit.
- Before connecting the AC cord, ensure you have completed all other connections.



#### Note

- The type plate is located on the rear of the main unit.
- 1 Connect the AC cord to the AC outlet.



### Auto install radio stations

When you connect power and no radio stations are stored, the unit automatically begins to store radio stations.

- 1 Connect the unit to the power supply.
  - ► [AUTO INSTALL PRESS PLAY KEY] (auto install press play key) is displayed.
- Press ► II on the main unit to start installation.
  - → The unit automatically stores radio stations with sufficient signal strength.
  - → When all the available radio stations are stored, the first preset radio station is broadcast automatically.

### Set clock



#### Vote

- You can set the clock in the standby mode only.
- 1 Press PROG/CLOCK SET to enter the clock setting mode.
  - → [SET CLOCK](set clock) scrolls on the screen.
- Press ► repeatedly to select 12 hour or 24 hour format.
- Press PROG/CLOCK SET to confirm.
  - → The hour digits are displayed and begin to blink.
- 4 Press **I**◀**/▶**I to set the hour.
- 5 Press PROG/CLOCK SET to confirm.
  - → The minute digits are displayed and begin to blink.
- 6 Press ► to set the minute.
- 7 Press PROG/CLOCK SET to confirm the clock setting.

### Turn on

- **1** Press ഗ്.
  - → The unit switches to the last selected source.

### Switch to standby

- 1 Press & again to switch the unit to standby mode.
  - → The clock (if set) appears on the display panel.

## 4 Play

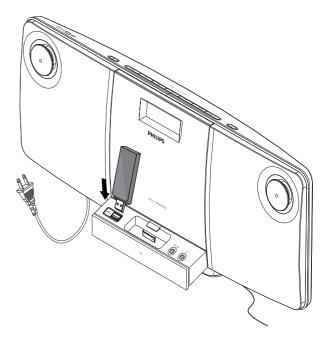
## Play a disc

- 1 Press CD to select the disc source.
- 2 Press ≜ to open the disc compartment.
- Insert a disc with the printed side facing outward.
- **4** Press **≜** to close the disc compartment.
  - → Play starts automatically. If not, press ▶■■.

# Play from USB



- Ensure that the USB device contains playable audio content.
- 1 Insert the USB device into the ❖ socket.



- 2 Press **USB/MP3 LINK** to select the USB source.
  - → Play starts automatically. If not, press ► ■.
  - To select a folder, press ▲/▼.
  - To select an audio file, press I◀◀/▶►.

### Play options

### Pause/resume play

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

### Skip to a track

### For CD:

- 1 Press I◀✓/▶►I to select another track.
  - To select a track directly, you can also press a key on the numerical keypad.
- 2 Press ▲▼to select an album or a folder.
- 3 Press ► to select a track or a file.

### Search within a track

- 1 During play, press and hold I
- 2 Release to resume normal play.

### Select repeat/shuffle play options

- 1 During play, press REPEAT/SHUFFLE repeatedly to select a repeat option or the shuffle play mode.
  - [�]: the current track is played repeatedly.
  - [CDALL]: all tracks are played repeatedly.
  - [耳]: all tracks are played randomly.
- To resume normal play, press REPEAT/SHUFFLE repeatedly until no option is displayed.

### Program tracks



### Note

• You can program tracks only when the play stops.

You can program a maximum of 40 tracks.

- 1 Press PROG/CLOCK SET to activate the program mode.
  - → [PROG] (program) is displayed.
- 2 For MP3 tracks, press ▲/▼ to select an album.
- Press I◀◀/▶►I to select a track, then press PROG/CLOCK SET to confirm.
- 4 Repeat steps 2 to 3 to program more tracks.
- 5 Press ►II to play the programmed tracks.
  - → During play, [PROG] (program) is displayed.
  - To erase the program, in the stop position, press ■.

## 5 Play iPod/iPhone

You can enjoy audio from iPod/iPhone through this Micro Hi-Fi system.

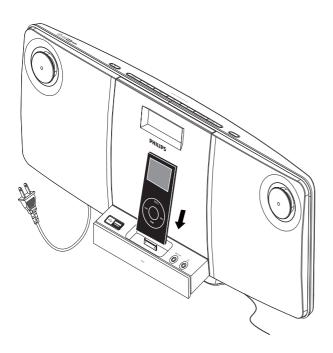
## Compatible iPod/iPhone

Apple iPod and iPhone models with a 30-pin dock connector:

- iPod classic, iPod touch, iPod nano, iPod 5th generation (video), iPod with color display, iPod mini
- iPhone, iPhone 3G, iPhone 3GS

## Play an iPod/iPhone player

1 Place the iPod/iPhone player in the dock.



- 2 Press iPod to select iPod source.
  - → The connected iPod/iPhone plays automatically.
  - To pause/resume play, press ►II.
  - To skip to a track, press ►.
  - To search during play, press and hold I◀◀/▶▶I, then release to resume normal play.

## Charge the iPod/iPhone

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

## Listen to radio

### Tune to a radio station

- Press **TUNER** to select FM.
- Press and hold | for more than 2 seconds.
  - → [SEARCH] (search) is displayed.
  - → The radio tunes to a station with strong reception automatically.
- 3 Repeat step 2 to tune to more stations.
  - To tune to a weak station, press ► /▶► repeatedly until you find optimal reception.

## Program radio stations automatically

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

- 1 In the tuner mode, press and hold PROG/CLOCK SET for more than 2 seconds to activate automatic program mode.
  - → [AUTO] (auto) is displayed.
  - → All available stations are programmed in the order of waveband reception strength.
  - → The first programmed radio station is broadcast automatically.

## Program radio stations manually

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

- Tune to a radio station.
- Press PROG/CLOCK SET to activate program mode.
  - → [PROG] (program) is displayed.
- 3 Press **△**/**▼** to allocate a number to this radio station, then press PROG/CLOCK **SET** to confirm.
- Repeat the above steps to program other stations.



• To overwrite a programmed station, store another station in its place.

### Select a preset radio station

In tuner mode, press △/▼ to select a preset number.



- Position the antenna as far as possible from TV, VCR or other radiation source.
- For optimal reception, fully extend and adjust the position of the antenna.

## 7 Other features

### Set the alarm timer

This unit can be used as an alarm clock. The disc/radio/USB/iPod is activated to play at a preset time.



Note

- Ensure that you have set the clock correctly.
- 1 Press Φ to switch to standby mode.
- 2 Press and hold **SLEEP/TIMER** for more than two seconds.
  - → A prompt to select the source is displayed.
- 3 Press CD, TUNER, USB or iPod to select a source.
- 4 Press **SLEEP/TIMER** to confirm.
  - → The clock digits are displayed.
  - → The hour digits begin to blink.
- 5 Press **I**◀◀/▶▶I to set the hour.
- 6 Press **SLEEP/TIMER** to confirm.
  - → The minute digits begin to blink.
- 7 Press ► to set the minute.
  - → The timer is set and activated.
  - → ⓐ is displayed.

## Set the sleep timer

This unit can switch to standby automatically after a set period of time.

- 1 When the unit is turned on, press SLEEP/TIMER repeatedly to select a set period of time (in minutes).
  - When sleep timer is activated, zz<sup>z</sup> is displayed.
- Press SLEEP/TIMER repeatedly until [OFF] (off) is displayed.
  - When sleep timer is deactivated, zz² disappears on the display.

## Play from an external device

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

- 1 Press **USB/MP3 LINK** to select the MP3 link source.
- 2 Connect the supplied MP3 link cable to:
  - the MP3 LINK jack (3.5mm) on the unit.
  - the headphone jack on an external device.
- 3 Start to play the device (see the device user manual).

## Adjust sound

## Adjust volume level

During play, press VOL +/- to increase/ decrease the volume level.

### Mute sound

During play, press **★** to mute/unmute

## Select a preset sound effect

- 1 During play, press DSC repeatedly to
  - [POP] (pop)
  - [JAZZ] (jazz)
  - [ROCK] (rock)
  - [CLASSIC] (classic)
  - [FLAT] (flat)

### **Enhance bass**

- During play, press DBB to turn on or off dynamic bass enhancement.
  - → If DBB is activated, [DBB] is displayed.

## **Product** information



• Product information is subject to change without prior notice.

## **Specifications**

### **Amplifier**

Total output power	2 × 5 W RMS		
Frequency			
response	80 Hz - 16 kHz, $\pm$ 3 dB		
Signal to noise ratio	> 60 dB		
MP3 link input	0.5 V RMS 20 kΩ		

### Disc

Laser type	Semiconductor		
Disc diameter	12 cm /8 cm		
Support disc	CD-DA, CD-R,		
	CD-RW, MP3-CD		
Audio DAC	24 Bits / 44.1 kHz		
Total harmonic			
distortion	< 1.5%		
Frequency			
response	60 Hz -16 kHz (44.1 kHz)		
Signal to noise ratio	> 75 dBA		

Tuner	
Tuning range	FM: 87.5 - 108 MHz
Tuning grid	50 KHz
Number of presets	20

Speakers	
Speaker driver	4'' woofer
Speaker impedance	5 W, 4 Ω

General information			
AC power	220 V, 50 Hz		
Operation Power			
Consumption	25 W		
Standby Power			
Consumption	< 2 W		
USB Direct	Version 2.0/1.1		
Dimensions			
- Main Unit	$542 \times 238 \times 102 \text{ mm}$		
$(W \times H \times D)$			
Weight			
- Main Unit	3.935 kg		

## USB playability information

### Compatible USB devices:

- USB flash memory (USB 2.0 or USB 1.1)
- USB flash players (USB 2.0 or USB 1.1)
- 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
- 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: 128 bytes)

### Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3 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 files (.wav, .m4a, .m4p, mp4, .aac)

## Supported MP3 disc formats

- ISO9660, Joliet
- Maximum title number: 999 (depending on file name length)
- Maximum album number: 99
- Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
- Supported Bit-rates: 32-320 (kbps), variable bit rates
- ID3 tag v2.0 or later
- Directory nesting up to a maximum of 8 levels

### Maintenance

#### Clean the cabinet

 Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

### Clean discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.
- Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

#### Clean the disc lens

 After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good play quality, clean the disc lens with Philips CD lens cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

## 10 Troubleshooting

## A w

### 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/welcom. 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 unit switches to standby automatically 15 minutes after a play reaches the end and no control is operated.

### No sound

Adjust the volume.

### No response from the unit

 Disconnect and reconnect the AC power plug, then turn on the unit again.

### No disc detected

- Insert a disc.
- Check if the disc is inserted with the print side facing inward.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

#### Remote control does not work

- Before pressing 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.

### 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 and adjust the FM antenna.

### Clock/timer setting erased

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

### Timer does not work

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

部件名称 Name of the Parts	有毒有害物质或元素 Hazardous/toxic Substance					
	铅 (Pb, Lead)	汞 (Hg, Mercury)	镉 (Cd, cadmium)	六价铬 (Chromium 6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
Housing 外壳	0	0	0	0	0	0
DVD/CD loader DVD/CD 光盒	X	0	0	0	0	0
LCD Panel 液晶面板	X	X	0	0	0	0
Loudspeakers 喇叭单元	0	0	0	0	0	0
PWBs 电路板组件	X	0	0	0	0	0
Accessories (Remote control & cables) 附件 (遥控器,电源 线,连接线)	X	0	0	0	0	0
Batteries in Remote Control (ZnC) 遥控器电池	Х	0	0	0	0	0

- O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363 2006 标准规定的限量要求以
- O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363 - 2006.
- X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363 - 2006 标准规定的限量 要求。
- Indicates that this toxic or hazardous substance contained in at least one of the homogeneous X: materials used for this part is above the limit requirement in SJ/T11363 – 2006.



### 环保使用期限 Environmental Protection Use Period

This logo refers to the period (10 years)

电子信息产品中含有的有毒有害物质或元素在正常使用的条件下不会发生外泄或突变,电子信息产品用 户使用该电子信息产品不会对环境造成严重污染或对其人身、财产造成严重 损害的期限。

This logo refers to the period (10 years) during which the toxic or hazardous substances or elements contained in electronic information products will not leak or mutate so that the use of these [substances or elements] will not result in any severe environmental pollution, any bodily injury or damage to any assets.



