

# 10 Product Specification



## Note

- Product in formation is subject to change without prior notice.

## Bluetooth

Bluetooth profiles A2DP, AVRCP

Bluetooth version V 5.3

Bluetooth frequency range / Transmitter power (EIRP) 2402 ~ 2480MHz < 9dBm

## CD soundmachine

Power : 100-240V~, 50/60 Hz( AC Input)

Rated output power: Total 4W (RMS)

Acoustic frequency response: 125Hz-20KHz

Speaker driver: 2 x 2.5" full range, 4Ω

Operation power consumption: 13 W

Standby power consumption: < 0.5W (The display off)

AUDIO IN input level : 500mV

Tuner frequency range: FM 87.5-108MHz

Dimensions (W x H x D): 285 x238x128 mm (Main unit)

Weight : 1.30 kg (Main unit)

## Supported audio formats

USB playback: Type A, USB Direct 2.0, 5V/500mA, MSC file format, FAT16/32

## Disc

Laser Type : semiconductor

Disc Diameter : 12cm/8cm

Support Disc : CD-DA, CD-R CD-RW, CD-MP3

Audio DAC : 24Bits/44.1kHz

Total Harmonic Distortion : < 1%

Frequency Response : 125-16000Hz(-3dB)

S/N Ratio : > 55 dBA

Measured by Philips standards, Philips battery C LR14 1.5V, the actual battery life may vary depending on the circumstances of the unit or operating conditions.

# USB playability information

| Extension | Codec          | Sample Rate | Bitrate         |
|-----------|----------------|-------------|-----------------|
| .mp3      | MPEG 1 Layer 1 | 32~48 kHz   | 44.1~320 kbps   |
|           | MPEG 1 Layer 2 | 32~48 kHz   | 44.1~320 kbps   |
|           | MPEG 1 Layer 3 | 32~48 kHz   | 44.1~320 kbps   |
| .wav      | WAV            | 8~48 kHz    | Up to 1536 kbps |
| .wma      | WMA            | 8~48 kHz    | 48~192 kbps     |

## Compatible USB devices:

- USB flash memory (USB2.0 or USB1.1)
- USB flash players (USB2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this unit)

## Supported USB formats:

- USB or memory file format: FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 48-320 Kbps and variable bit rate
- WMA bit rate (data rate) : 48~192 kbps
- WAV bit rate (data rate) : Up to 1536 kbps
- Directory nesting up to a maximum of 8 levels
- Number of albums/folders: maximum 99  
Number of tracks/titles : maximum 999  
File name in Unicode UTF8 (maximum length : 32 bytes)

## Unsupported USB formats:

- Empty albums : an empty album is an album that does not contain MP3 files, and will not be shown in the display.
- Unsupported file formats will be skipped. For example, MP3 files with the extension dif will be ignored and will not be played.
- WMA, AAC, WAV, PCM audio files: DRM protected WMA files. (Note: only support some wav audio files).
- WMA files in lossless format.

# Supported MP3 disc formats

- IS09660, Joliet
- Maximum title number : 128 (depending on file name length)
- Maximum album number : 99
- Supported sampling frequencies: 44.1 kHz, 48 kHz
- Supported Bit-rates: 44.1~256(kbps), variable bitrates

# 11 Troubleshooting



## Warning

- Never remove the casing of this device.

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

If you encounter problems when using this device, check the following points before requesting service. If the problem remains unsolved, go to the Philips Web page ([www.philips.com/support](http://www.philips.com/support)). When you contact Philips, make sure that the device is nearby and the model number and serial number are available.

### No power

- Make sure that the AC power cord of the device is connected properly.
- Make sure that there is power at the AC outlet.

### No sound or poor 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 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

- Fully extend the radio antenna.

Music playback is unavailable on this unit even after successful Bluetooth connection.

- The device cannot be used to play music through this unit wirelessly.

The audio quality is poor after connection with a Bluetooth-enabled device.

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.

Bluetooth cannot be connected with this unit.

- The device does not support the profiles required for this unit.
- The Bluetooth function of the device is not enabled. Refer to the user manual of the device to find out how to enable the function.
- This unit is not in pairing mode.
- This unit is already connected with another Bluetooth-enabled device. Disconnect that device and then try again.

The paired mobile device connects and disconnects constantly.

- The Bluetooth reception is poor. Move the device closer to this unit or remove any obstacle between them.
- Some mobile phones may connect and disconnect constantly when you make or end calls. This does not indicate any malfunction of this unit.

## 12 Trademarks

The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by MMD Hong Kong Holding Limited is under license.

The making of unauthorized copies of copy-protected 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.

Blue text should be changed to applicable value for your product (red text should be removed, only for your information):

Operating ambient temperature: 0 - 40°C,  
Storage and transportation ambient temperature: -10 - 50°C,  
altitude not higher than 2000m (air pressure not less than 80kPa),

### WARNING:

- replacement of a battery with an incorrect type may defeat a safeguard;
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, may result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment, such as sunshine, fire, or hot surface may result in an explosion or the leakage of flammable liquid or gas;
- a battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

### CAUTION

Risk of fire or explosion if the battery is replaced by an incorrect type!

### Warning

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### FCC Statement

This equipment complies with Part 15 of the FCC Rules. 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.

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 instructions, 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:

- Reorient or 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.

### **FCC Radiation Exposure Statement:**

**The device has been evaluated to meet general RF exposure requirement.  
The device can be used in the portable exposure condition without restriction.**

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

- French:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device has been evaluated to meet general RF exposure requirement.  
The device can be used in portable exposure condition without restriction.

le dispositif a été évalué à satisfaire l'exigence générale de l'exposition aux rf.  
l'appareil peut être utilisé dans des conditions d'exposition portatif sans restriction.



Specifications are subject to change without notice.  
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