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MCD900

EN User manual 3

PHILIPS

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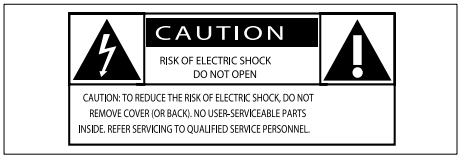
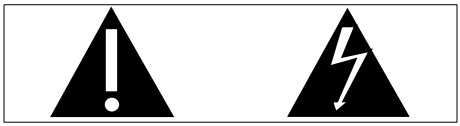
1 Important

Safety

Information for Europe:
Know these safety symbols





The 'exclamation mark' calls attention to features for which you should carefully read the supplied literature to prevent operating and maintenance problems.
The 'lightening bolt' symbol indicates uninsulated components within the product that can cause an electric shock.
To reduce the risk of fire or electric shock, do not expose the product to rain or moisture and do not place any ojects filled with liquids, such as vases, on the product.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product 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 remove the casing of this product.
9. Only use this product indoors. Do not expose the product to dripping / splashing water, rain or high humidity.
10. Keep this product away from direct sunlight, naked flames or heat.
11. Do not install near any heat sources such as radiators, heat registers, stoves, or other electrical equipment (including amplifiers).
12. Do not place any other electrical equipment on the product.
13. Do not place any sources of danger on the product (e.g. objects containing liquids, burning candles).
14. This product may include batteries. Please refer to safety and disposal instructions for batteries in this user manual.
15. This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. Please refer to disposal instructions in this user manual.

Caution

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

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.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Risk of overheating! Never install this apparatus in a confined space. Always leave a space of at least four inches around this apparatus for ventilation. Ensure curtains or other objects never cover the ventilation slots on this apparatus.

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.
To establish a safe volume level:
Set your volume control at a low setting.
Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
Listen for reasonable periods of time:
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.
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 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.

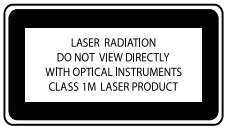
Environmental notices

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

This apparatus includes this label:

Modifications

Modifications not authorized by the manufacturer may void user's authority to operate this product.



Recycling

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
When you see the crossed-out wheel bin symbol attached to a product, it means the product is covered by the European Directive 2002/96/EC:
Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products. The correct disposal of your old product helps prevent potentially negative consequences on the environment and human health.

Information about the use of batteries:

Caution

- Risk of leakage: Only use the specified type of batteries. Do not mix new and used batteries. Do not mix different brands of batteries. Observe correct polarity. Remove batteries from products that are not in use for a longer period of time. Store batteries in a dry place.
- Risk of injury: Wear gloves when handling leaking batteries. Keep batteries out of reach of children and pets.
- Risk of explosion: Do not short circuit batteries. Do not expose batteries to excessive heat. Do not throw batteries into the fire. Do not damage or disassemble batteries. Do not recharge non-rechargeable batteries.

Battery disposal information:

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

Trademark notice

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Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
DivX® and DivX Ultra® are registered trademarks of DivX, Inc. and are used under license. DivX Ultra® Certified to play DivX® video with advanced features and premium content.
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ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.
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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.
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2 Your MCD900

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

MCD900 can

- Connect a USB flash device;
- Connect the existing home audio/video systems, including TV, audio systems and MP3 players.

With such connections, you can

- Play music stored on a USB flash device through the Soundsphere speakers;
- Play movie DVDs on a TV;
- Play music from an external audio system/ portable media player through the Soundsphere speakers.

The DVD player on MCD900 supports these disc formats:

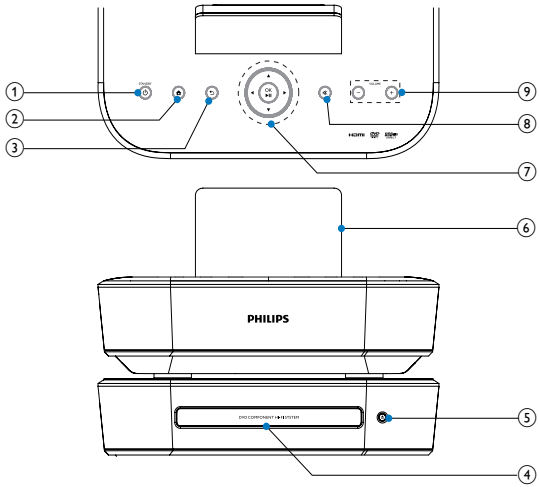
What's in the box

Check and identify the contents of your package:

- Main unit and CD/DVD unit
- 2 SoundSphere speakers (with connection cables)
- Remote control with batteries
- Composite audio/video cables
- FM antenna
- AC power cord
- Quick Start Guide
- User Manual

Overview

Top and front view

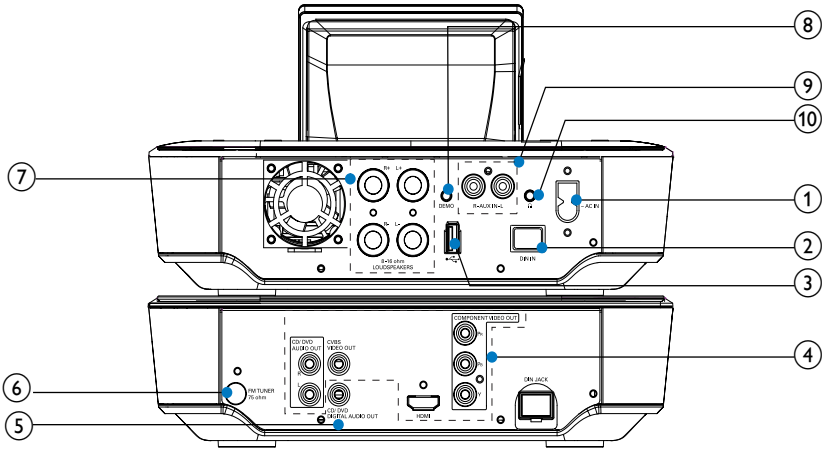


1.	⏻
	Press to turn on the set;
	To turn off, press to switch to active standby; or, press and hold to switch to Eco standby.
	Exit Demo mode.
2.	⌂
	Return to Home screen (main menu).

3.	⮌
	Go back to the previous screen.
4.	Disc compartment
5.	⏏
	Open or close the disc compartment.
6.	LCD display

7.	▲/ ▼/ ◀/▶
	Navigation buttons Press to navigate through menus.
	▲/▼
	In **USB** mode:
	Superscroll:In a long list of options, press and hold to start Superscroll. Release to jump to the first item starting with current alphabet/ number.
	In **DISC** mode:
	Select an album (for MP3/WMA CDs).
	◀/▶
	In **FM RADIO** mode:
	Press and hold to start the auto tuning to the next available station; Press repeatedly for fine tuning.
	OK/▶II
	Confirm selection.
	Start/pause/resume play.
	In **USB**: Start to play the entire file folder(SuperPlay™).
8.	🔇
	Mute/ unmute sound.
9.	**−VOLUME+**
	Increase/decrease volume.

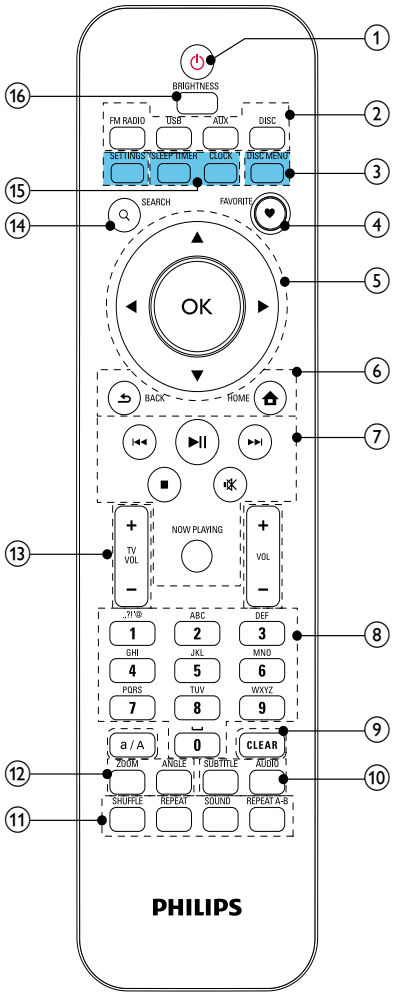
Rear view



see 'Connect' on page 11

1.	**~ AC IN**
	for AC power cord
2.	**DIN IN**
	socket for the connection between the main unit and CD/DVD unit
3.	⇐
	USB port for the USB flash device
4.	**CVBS VIDEO OUT, CD/DVD AUDIO OUT**
	for the supplied composite audio/video cable that connects the disc player and a standard TV
	HDMI
	for the HDMI cable (not supplied) that connects the disc player and a high-definition TV (HDTV)
5.	**CD/DVD DIGITAL AUDIO OUT**
	Digital audio output socket for the disc play through an external speaker system
6.	**FM TUNER**
	for the supplied FM antenna
7.	**LOUDSPEAKERS**
	for connection cables that connect the supplied Soundsphere speakers
8.	**DEMO**
	for the use by dealers only
9.	**AUX IN L / R**
	Audio input sockets for an external audio system/portable media player to play through the speakers on MCD900
10.	🎧
	3.5 mm headphone jack

Remote control



1. ⏻

   Press to turn on the unit;
   To turn off, press to switch to active standby; or, press and hold to switch to Eco standby.
   Exit Demo mode.

2. **Source selector**

   Select a media source:

   FM RADIO: FM radio stations, with RDS (Radio Data System) supported;

   USB: Songs/photos on the USB mass storage device connected to the unit;

   AUX: Connected external audio device (e.g. an MP3 player or other portable music players);

   DISC: DVDs, DivX/MP3/WMA files on discs, and audio CDs.

3. **SETTINGS**

   Enter the settings menus.

   DISC MENU

   In **DISC** mode:
   Enter or exit the disc menu.

4. **FAVORITE**

   In **DISC** mode:
   Program favorite chapters/tracks

5. ▲/▼/◀/▶/**OK**

   Navigation buttons
   Press to navigate through menus.

   ▲/▼

   In **USB** mode:
   Superscroll: In a long list of options, press and hold to start Superscroll. Release to jump to the first item starting with current alphabet/ number.

   In **DISC** mode:
   Select an album (for MP3/WMA CDs).

   ◀/ ▶

   In **FM RADIO** mode:
   Press and hold to start the auto tuning to the next available station;
   Press repeatedly for fine tuning.

   OK

   Confirm selection.

6. ⌂

   HOME: Return to Home screen (main menu).

   ⮌

   BACK: Go back to previous screen.

7. ⏮/⏭

   Search buttons on the play screen

   In **USB**/**DISC** mode:
   Press to skip to the previous/ next chapter/ track;

   ⏯

   Start/pause/resume play;
   In **USB** mode: Start to play the entire file folder(SuperPlay™).

   ■

   Stop play.

   🔇

   Mute/ unmute sound.

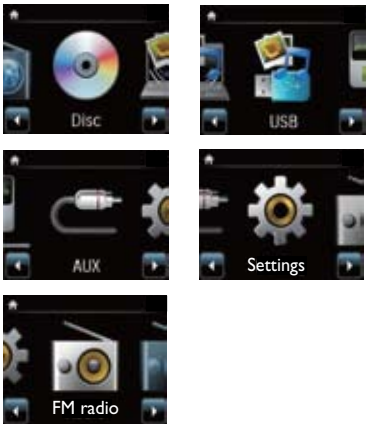
   NOW PLAYING

   Return to play screen.

8.	**Alphanumeric buttons**
	For text entry
	In **FM RADIO** mode: On the radio play screen, press and hold a numeric button to store current station in the location as a preset station.
	In **USB** mode: **Quickjump**: In a long list of options that are sorted in an alphabetical order, press once or repeatedly to select an alphabet, and jump to the first item that starts with the selected alphabet.
9.	**a/A**
	Press to switch between lower and upper cases; In **FM RADIO** mode, press in the list of presets to start editing station name.
	CLEAR
	Press to delete the previous entry; Press and hold to delete all entries.
10.	**SUBTITLE**
	In **DISC** mode: Select a subtitle language (for video discs only).
	AUDIO
	In **DISC** mode: Select stereo, mono-left, mono-right, or mix-mono channel (for VCD discs only); Select an audio language (for DVD and DivX discs only).
11.	**SHUFFLE**
	Activate/deactivate random order play.
	REPEAT
	Toggle through repeat play options.
	SOUND
	Select sound settings.
	REPEAT A-B
	In **DISC** mode: Repeat a specific section within a track/disc.
12.	**ZOOM**
	In **DISC** mode: Zoom in/out (for video discs and picture files on CDs).
	ANGLE
	In **DISC** mode: Select a camera angle (for video discs).
13.	**+TVVOL −**
	Increase/decrease the volume of a connected Philips TV.
	+VOL−
	Increase/decrease the volume of the unit.

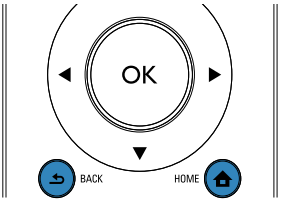
14.	**SEARCH**
	In **USB** mode: Press to start the search/ browsing by alphanumeric entry. In **DISC** mode: During disc play, press to start the search by time, or chapter/track.
15.	**SLEEP TIMER**
	Set the sleep timer.
	CLOCK
	Display the clock time.
16.	**BRIGHTNESS**
	Select brightness options for the LCD display.

Home screen



From Home screen, you can select your desired music source, or enter **[Settings]** menu. To do so, do the following:

1. On the remote control, press the Source selector, or use the Navigation buttons ◀/▶ and **OK**.
2. To go back to previous screen, press ⮌ **BACK**.
3. To return to Home screen, press ⌂ **HOME**.



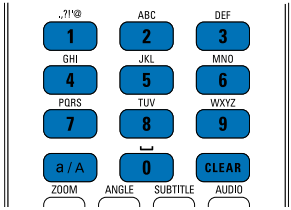
Text entry

To enter text and symbols, press corresponding alphanumeric buttons on the remote control.

- To enter letters/numbers/symbols corresponding to the same alphanumeric button, briefly and repeatedly press the button.

English		
	abc…	ABC…
1	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|} ~	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|} ~
2	abc2	ABC2
3	def3	DEF3
4	ghi4	GHI4
5	jkl5	JKL5
6	mno6	MNO6
7	pqrs7	PQRS7
8	tuv8	TUV8
9	wxyz9	WXYZ9
0	_0	_0

- To enter symbols, press 1 repeatedly.
- To enter space, press 0.
- To switch between lower and upper cases, press a / A.
- To delete previous character, press CLEAR. To delete all entries, press and hold CLEAR.



Tip

- For languages other than English, letters that an alphanumeric button corresponds to may vary.

Русский	
абв…	АБВ…
1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|} ~	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|}~
абвг2abc	АБВГ2ABC
дежз3def	ДЕЖЗ3DEF
ийкл4ghi	ИЙКЛ4GHI
мноп5jkl	МНОП5JKL
рсту6mno	РСТУ6MNO
фхцч7pqrs	ФХЦЧ7PQRS
шщъы8tuv	ШЩЪЫ8TUV
ьэюя9wxyz	ЬЭЮЯ9WXYZ
_0	_0

Other Languages	
abc…	ABC…
1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|}~	1.,?!'@- _:;/"#$%& ( )*+<=>[\]^`{|}~
abc2àáâãäåæ	ABC2ÀÁÂÃÄÅÆ
def3èéêë	DEF3ÈÉÊË
ghi4ìíîï	GHI4ÌÍÎÏ
jkl5	JKL5
mno6ñòóôõöø	MNO6ÑÒÓÔÕÖ
pqrs7ß	PQRS7ß
tuv8ùúûü	TUV8ÙÚÛÜ
wxyz9	WXYZ9
_0	_0

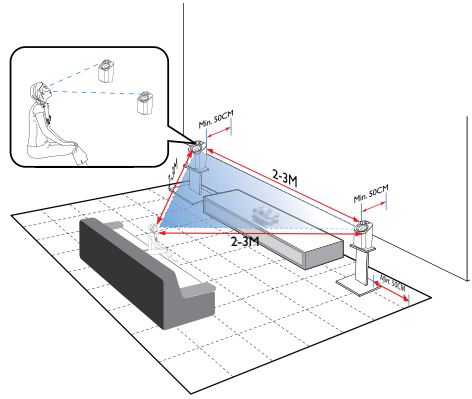
3 Prepare

Place the Soundsphere speakers

About Soundsphere speakers

The supplied Soundsphere speakers can produce full-frequency sounds throughout the area of coverage. Unlike conventional speakers, Soundsphere speakers are much less sensitive to exact positioning. The mid- and high-frequency sounds from Soundsphere speakers are retained, even if you move away from the Soundsphere speakers. Thus, the authentic sound experience can be extended to all sides of the speakers.

How to place the soundsphere speakers



For the best listening experience:

- Place the speakers with the tweeters at the ear height, and at least 50 cm away from the rear wall.

- Place the speakers on speaker stands to get the best result.
- Place the speakers 2 to 3 meters away from each other, with the two speakers and your preferred listening position forming an equilateral triangle.
- Place the speakers with the tweeters facing your preferred listening area.
- To keep the tweeters unobstructed, never place the speakers in between shelves.

Tip

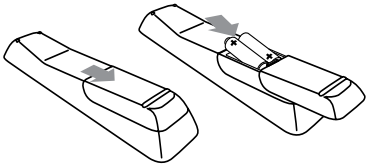
- Alternatively, you can place the Soundsphere speakers on the floor or on top of shelves, though not preferable.
- By placing the speakers at least 50 cm away from the rear wall, you can make the bass tighter and improve your listening experience.

Install batteries into 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.

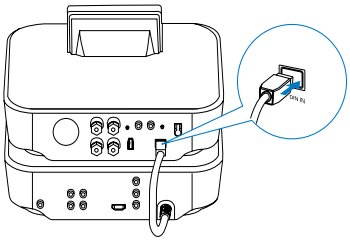
① Open the battery compartment.
② Insert 2 AAA R03 batteries with correct polarity (+/-) as indicated.
③ Close the battery compartment.



4 Connect

Connect the main unit and CD/ DVD unit

- As shown, plug the cable into **DIN IN**.



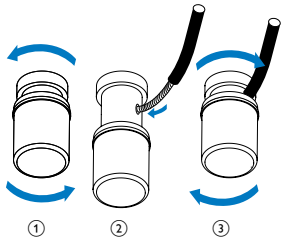
Connect speakers

Note

- Always connect the speakers before you connect MCD900 to an AC power outlet. By doing so, you can avoid the big noise that may be caused during speaker installation by the speaker wires on the metallic surface of MCD900.

1 On **MCD900**, ensure that you connect the left speaker to **LOUDSPEAKERS L+, L-** and right speaker to **LOUDSPEAKERS R+, R-**.

2 To connect the speakers,
- As shown, unscrew to loosen the connectors;
- Fully insert the ends of speaker wires, red end into the red connector, and silver end into the black connector;
- Screw the connectors until the speaker wires are securely fastened.



Connect for disc play

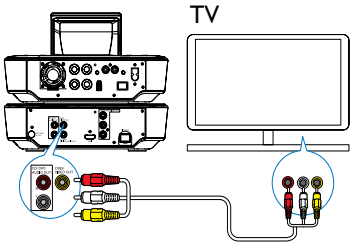
For disc play, make audio/video connections.

Connect a TV

On **MCD900**, you can connect a TV through one of the two video jacks.
Select the video jack that your TV supports:
- Composite video (CVBS): for a standard TV;

- HDMI jack: for a high-definition TV compliant with HDMI (High Definition Multimedia Interface)/DVI (Digital Visual Interface), and HDCP (High-bandwidth Digital Contents Protection).

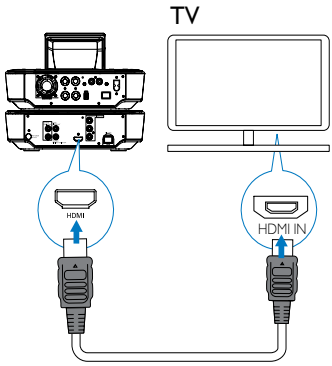
Using the CVBS jack



- As shown, plug the supplied composite audio/video cable into the corresponding sockets.

Using the HDMI jack (HDMI cable sold separately)

Use the HDMI jack to connect a high-definition TV (HDTV), which is equipped with HDMI (High Definition Multimedia Interface) or DVI (Digital Visual Interface), and compliant with HDCP (High-bandwidth Digital Contents Protection).



- As shown, connect an HDMI cable (not supplied) to:
  - the **HDMI** socket on this unit, and
  - the **HDMI** input socket on the TV.
- For TV/ monitor with a DVI jack only, use a DVI-to-HDMI adapter.

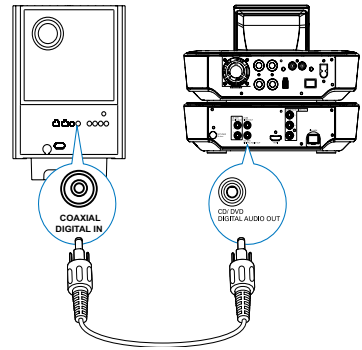
Tip

- As a compact audio/video interface, HDMI transmits uncompressed digital data. With the HDMI connection, high-definition video/audio contents can present optimum video and audio quality on a HDTV.

Play from another speaker system

To play from another speaker system, connect an digital audio cable (not supplied) to:

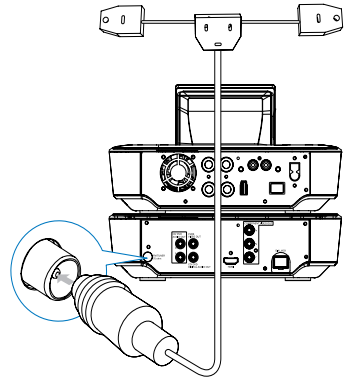
- the **CD/DVD DIGITAL AUDIO OUT** socket on **MCD900**;
- the digital audio input on an external speaker system.



Note

- Ensure that the external audio system is switched to the Aux-in mode, if you are playing sounds from the speaker system on an external audio system.

Connect the FM antenna



Note

- Always plug in the FM antenna before tuning to an FM radio station.

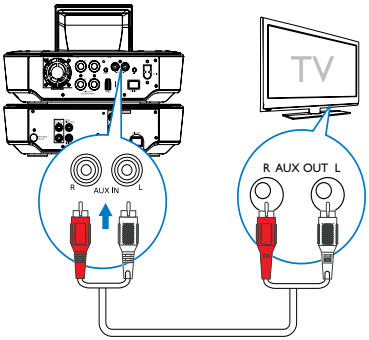
- Connect the supplied FM T-type antenna to the **FM TUNER** socket on the unit;
- Stretch the antenna to its full length, and fix it on the wall.

Connect external audio devices

You can listen to an external audio device through the speakers on **MCD900**. To do so, do the following connections, and then, select the **AUX** mode on **MCD900**.

Connect audio cables (red/white - not supplied) to:

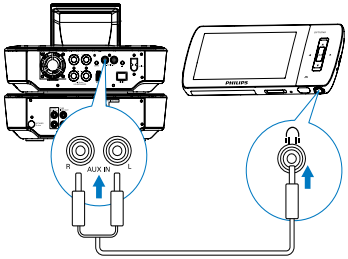
- the **AUX IN L / R** sockets on this unit, and
- the audio output sockets on the external audio device.



Or, to play from a portable media player with 3.5mm headphone jack

Connect a headphone to RCA cable (not supplied) to:

- the **AUX IN L / R** sockets on this unit, and
- the 3.5mm headphone jack on the portable media player.

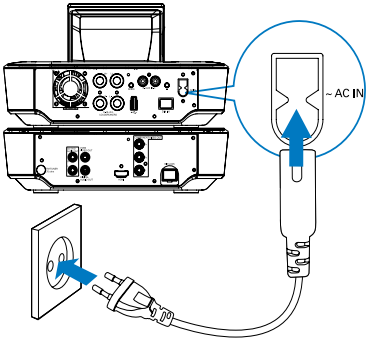


Turn on/off

Connect power supply

Warning

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the product.



- Connect **MCD900** to the power supply.

Note

- The type plate information is located at the back or at the underside of the product.

Turn on/off

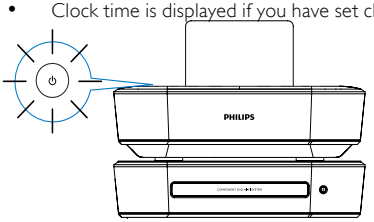
1. Press ⏻ or a source selector to turn on the unit.
2. To turn off the unit,
   - Press ⏻ to switch to active standby;
   - Or, press and hold ⏻ to switch to Eco standby (energy-saving mode).

Active standby

When in active standby, some functions of **MCD900** remain in the normal state of power consumption, e.g. clock display.

In active standby,

- The power indicator lights up red;
- Clock time is displayed if you have set clock.



Auto active standby

If no activity happens on **MCD900** for 10 minutes, **MCD900** can switch to active standby automatically.

Eco standby

Eco standby is an energy-saving mode. In Eco standby, all major functions are switched to a low-power state or off, e.g. micro-processor and display.

5 Play music CDs/ movie DVDs

Caution

- Never look at the laser beam inside the unit.
- Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
- Never put any objects other than discs into the disc compartment.

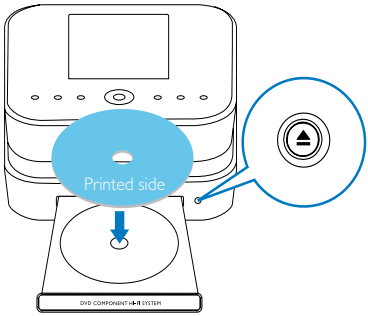
Note

- Ensure that you have made connections for disc play (see 'Connect for disc play' on page 11).
- For the supported disc formats, see 'Introduction' on page 6.

Basic operations

1 On MCD900, press ▲.
   ↳ The disc tray opens.

2 Load a disc onto the tray, the printed side facing up. Press ▲.
   ↳ Play starts automatically after disc reading is complete.

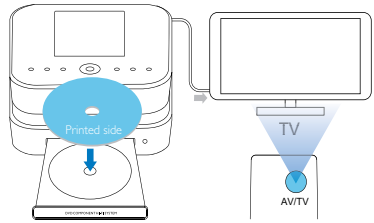


3 If necessary, press **DISC** on the remote control, and then, ▶II to start play.

4 During disc play,
   - Press I◀◀/▶▶I repeatedly to select a track/ chapter. For WMA/MP3 files on a disc, press ▲/▼ to select a file folder.
   - Press ◀/▶to search forward/backward.
   - Press ▶II to pause or resume.
   - Press ■ to stop.

Use the disc menu

After loading a disc onto the tray, you can see the disc settings on the TV screen.



1 On MCD900, load a disc onto the tray.

2 Turn on the TV and switch to the correct video-in channel in one of the following ways:
   - On the remote control of your TV, press the AV/TV button repeatedly until you see the Philips screen, or the video disc screen.
   - Go to the lowest channel on your TV, then press the Channel Down button until you see the Philips screen, or the video disc screen.
   - Press the source button repeatedly on the remote control of your TV.

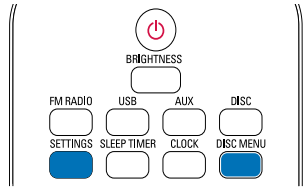
Tip

- The video-in channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO etc. See the TV user manual on how to select the correct input on the TV.

Access the disc menu

To access the menu manually

- In the **DISC** mode, press **DISC MENU** or **SETTINGS** on the remote control.



Play movie discs(DVD/DivX/VCD)

Pause/Resume/Stop

To pause

- During disc play, press ▶II to pause.
  ↳ The TV screen shows the scenes where you stop play.
- Or, during DVD play, press ■.
  ↳ The TV screen shows the Philips screen.

To resume

- Press ▶II.
  - ↳ The disc play resumes from the last stop point.

To stop

- Press ■ again.

Search

Fast search forward/backward

1 During play, press and hold ◀/▶ to select a search speed.
- To resume play at normal speed, press ▶II.

Search by time or chapter/track

1 During disc play, press **SEARCH** until a time field or chapter/track field is displayed.
- For the time field, enter the play position in hours, minutes and seconds.
- For the chapter/track field, enter the chapter/track.
  - ↳ Play starts automatically at your selected point.

Select languages for disc play

Select an audio language

You can select an audio language on DVDs or DivX discs.

1 During disc play, press **AUDIO**.
- ↳ The language options appear. If the selected audio channels is unavailable, the default disc audio channel is used.

Note

- For some DVDs, the language can only be changed from the disc menu.

Select a subtitle language

You can select a subtitle language on DVDs.

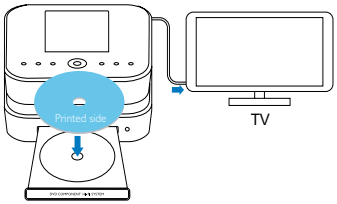
- During disc play, press **SUBTITLE**.

Note

- For some DVDs, the language can only be changed from the disc menu.

Program favorite chapters/tracks

You can play certain chapters/tracks on a disc. Program the chapters/tracks as desired on the TV screen.



1 In the **DISC** mode, ensure that the disc play stops.

2 Press **FAVORITE** on the remote control.
- ↳ On the TV screen, you can see a menu for you to program desired chapters/tracks.

3 Use the remote control to enter the desired chapters/tracks.

To play the program

- On the TV screen, select [Start].

To erase the program

- Press ■;
- Or, remove the disc from the disc tray.

Select play options

Select Repeat/Shuffle options

During disc play, you can repeatedly play a chapter/track, or a file or files in a folder. You can also play tracks or files in a folder in a random order.

To turn on or off the repeat/shuffle options

- Press **REPEAT** or/and **SHUFFLE** repeatedly.

To repeatedly play a section in a disc

1 During music or video play, press **REPEAT A-B** at the start point.

2 Press **REPEAT A-B** at the end point.
- ↳ The selected section starts to play repeatedly.
- ↳ To cancel repeat play, press **REPEAT A-B** again.

Note

- The section A and B can be set only within the same track/title.

Zoom in/out image

1 During video/picture play, press **ZOOM** repeatedly to zoom in/out the image.
- When the image is zoomed in, you can press ▲/▼/◀/▶ to pan through the image.

Change a camera angle

Some DVDs contain alternate scenes, such as scenes recorded from different camera angles. For such DVDs, you can select from the available alternate scenes.

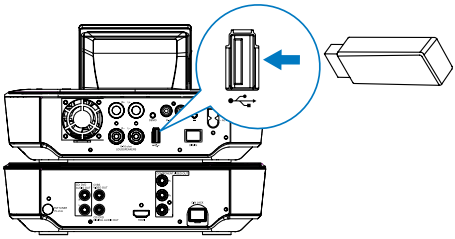
1 During DVD play, press **ANGLE** repeatedly to switch between camera angles.

6 Play from a USB flash device

Connect a USB flash device

On **MCD900**, you can play music/photos stored on a USB flash device. To do so, do the following:

- Connect the USB flash device to the socket on **MCD900**;
- Select the **[USB]** mode on **MCD900**.



Library on the USB flash device

Organize files on the USB flash device

- Audio files:
  If the files contain file information (meta tag or ID3 tag), the files can be sorted automatically by the file information, like Artist, Album, Genre, and others.

  Launch media management software to check or edit the file information. For example, click as shown in **Windows Media Player 11**. Select the desired song, and then, double click it to edit.

  If necessary, you can also organize audio files in different folders as desired.
- Picture files:

Organize files in different folders as desired. The folders are sorted in an alphabetical order.

Play from the USB flash device

1 On MCD900, ensure that the USB mass storage device is properly connected.

2 On the remote control, press **USB**.
   ↳ The file sorting process may take some time. During file sorting, the file folders are displayed.
   ↳ Audio files are displayed under different categories (e.g. Artist, Album, Genre), if meta/ID3 tags are edited for the files.
   ↳ Picture files are also organized.

3 Select your desired track or album.

4 Press ▶II to start play.
   • Play starts from the beginning of the album, if you press ▶II on an album.
     ↳ Play screen appears when play starts.

5 To stop play, press ■.

Play photos

- Press ▲/▼ to rotate the picture;
- Press ◀/▶ to move to previous/next picture;
- Press ▶II to start playing all pictures in slideshow mode.

Search for music/pictures

To navigate through menus during music play, do the following:

1 On the remote control, press ⮌ and then, use the Navigation buttons.

2 To return to Play screen, press **NOW PLAYING**.

Tip

- On Play screen, you can also press ⏮ and ⏭ repeatedly to select songs.

In a list of options, you can do one of the following to search for what you need:

Tip

- When doing searching in the following ways, ensure that MCD900 is in the mode of **USB**.

- Use the navigation keys ▲, ▼, ◀, ▶.
- Start quick search by using the **alphanumeric search**, **Superscroll**, and **Quickjump**.

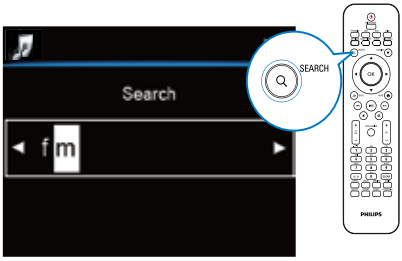
Note

- **Alphanumeric search**, **Superscroll** and **Quickjump** are available only when you enter a long sorted list of options (excluding the home screen and lists of menus).

Alphanumeric search

In a long list of options, start alphanumeric search by entering characters that an item starts with or contains.

1 Press **SEARCH** on the remote control, if necessary.
   ↳ A text box appears.

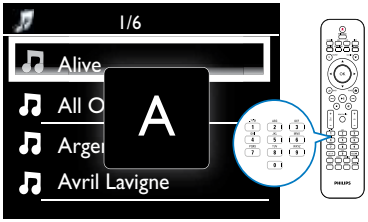


2 Enter characters by using the remote control (see 'Text entry' on page 9).

3 Press **OK** after completing text entry.
   ↳ Search starts.
   ↳ You can find a list of items that contain the characters.

Quickjump

You can also use **Quickjump** for alphanumeric search.



To reach the first item that starts with a certain letter

- On the button corresponding to the letter, press once or repeatedly until the letter appears.

To reach the first item that starts with the next letter

- Press ▶.

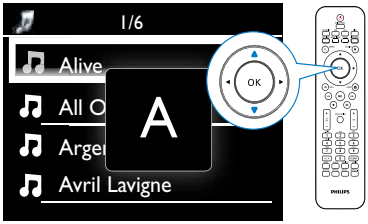
To reach the first item that starts with the previous letter

- Press ◀.

Superscroll

In a long list of options, **Superscroll** allows you to start a search in an alphabetical order. You can quickly reach the first item that starts with the selected alphabet.

1 Press and hold ▲/▼ to start Superscroll.
   ↳ A pop-up text box appears. Letters are displayed repeatedly in an alphabetical order, starting from current letter.



2 Release ▲/▼ when you reach the desired letter.
   ↳ You reach the first item that starts with the letter.

7 Play FM radio

Tune to FM radio stations

Note

- Before you tune to FM radio stations, ensure that you have properly installed the supplied FM antenna (see 'Connect the FM antenna' on page 12).

Autostore

1 On MCD900, press **FM RADIO** on the remote control.
   - Or, from Home screen, select **[FM radio]**.

2 The first time you tune to FM radio stations, select **[Auto store]** in **[FM radio]**.
   ↳ MCD900 starts to search for available stations automatically.
   ↳ Radio play starts and a maximum of 60 stations are stored as presets when the auto tune is complete.
   ↳ The preset stations are listed in the order of reception strength, with the RDS stations at the top.

3 To select a preset station, go to **[Presets]**.

Manual tuning

1 In **[FM radio]**, select **[Manual tuning]**.

2 Press and hold ◀/▶ to start auto tuning.
↳ You tune to the next available station with sufficient reception.

3 Press ◀/▶ repeatedly for fine tuning.

Edit preset stations

Store current station to a location

When listening to a radio station, you can store current station to a desired location (0-9) in the preset list. The numeric buttons (0-9) on the remote control correspond to the locations (0-9) in the preset list.

1 Tune to your desired station.

2 On the radio play screen, press and hold a numeric button.
- If necessary, press **NOW PLAYING** to return to the radio play screen.
- Current station is stored to the location.

Edit station information

1 In the **FM RADIO** mode, go to **[Presets]**.

2 In the list of preset stations,
- Select the station to be edited;
- Press **a/A** to start editing;
- Press ◀/▶ to select the entry location; press ▲/▼ repeatedly to select desired letters.

3 Press **OK** to confirm. Press **BACK** to discard the changes.

Listen to FM radio

1 On MCD900, press **FM RADIO** on the remote control.
- Or, from Home screen, select **[FM radio]**.

2 Tune to your desired station (see 'Tune to FM radio stations' on page 17).
- **To select a preset station:**
  Go to **[FM radio]** > **[Presets]**;
  Or, press the corresponding numeric button on the radio play screen (for the first 10 preset stations only).

3 To mute/unmute the radio play
- Press 🔇.

RDS (Radio Data System)

RDS (Radio Data System) is a service that allows FM stations to show additional information.
During Autostore, RDS stations are automatically stored at the top of the list of preset stations.
When tuning to an RDS station, you can see the following information on the screen:

- Station name;
- Program type, such as news, sports, and pop music;
- Frequency;
- Scrolling text (RDS text), if available.

Note

- The RDS service is available in some countries and areas only.

Use the RDS for clock setting

Note

- When you use an RDS station for clock setting, ensure that the RDS station broadcasts time signals.

1 From Home screen, select **[Settings]** > **[Clock settings]** > **[Date and time]**.
- To enter **[Settings]**, you can also press **SETTINGS**on the remote control.

2 In **[Date and time]**, select **[Current date and time]** > **[Automatic (RDS)]**.
↳ The unit searches for the first preset station automatically.
↳ The time is set according to time signals from the station.

3 To use another RDS station for clock setting, tune to the RDS station immediately.

Tip

- To use an RDS station for regular clock setting, store the station as the first preset station.

8 Play from an external audio device (AUX)

With the **AUX IN L / R** socket and **AUX** mode, MCD900 allows you to play an external audio device (e.g. a portable media player) through the speakers of MCD900.

Play from an external audio device

1. Ensure that the external audio device is properly connected to MCD900 (see 'Connect external audio devices' on page 13) .
2. On MCD900, select the **AUX** mode.
   - From Home screen, select **[AUX]**.
   - Or, press **AUX** on the remote control.
3. On the external audio device, start music play.
   - For the music play, you can use the sound settings on MCD900.

9 Settings

Play modes

When playing music, you can choose to play repeatedly, play in random order, or play one by one. Select a play mode as desired.

To select a play mode for music play

Before or during music play,

- From Home screen, go to **[Settings]** > **[Play mode]**; Or,
- Press **REPEAT** or **SHUFFLE** repeatedly on the remote control.
  - ↳ - Play all songs in current folder repeatedly;
  - ↳ - Play current song repeatedly;
  - ↳ - Play all songs in current folder randomly.

Sound settings

On MCD900, you can select different sound settings in **[Settings]** > **[Sound settings]**.

1. From Home screen, go to **[Settings]** > **[Sound settings]**.
   - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
2. Select the option. Press **OK** to turn it on or off.

Or,

On the remote control, press **SOUND** to enter the menu of sound settings.

Bass and treble

Use **[Bass / Treble]** to adjust the low (bass) or high (treble) range of musical notes.

1. From Home screen, go to **[Settings]** > **[Sound settings]** > **[Bass / Treble]**.
   - Or, press **SOUND** on the remote control to enter the menu of sound settings.
2. Press ▲/▼repeatedly to increase/decrease the level.
   - Press **CLEAR** to select neutral level.

Full sound

[FullSound] restores the sonic details that music compression loses (e.g. MP3, WMA).

Turn on or off **[FullSound]** in **[Settings]** >**[Sound settings]**.

Direct Source

With **[Direct source]**, you can turn off the settings of sound effects on MCD900, including **[FullSound]** and **[Bass / Treble]**.

Thus, music plays in an original way, without the sound effects from MCD900.

- Turn on or off **[Direct source]** in **[Settings]** > **[Sound settings]**.

Tip

- When **[Direct source]** is on, you can still adjust the volume and **[Balance]**.
- The sound effect settings are retained and enabled when **[Direct source]** is off.

Audio balance

With **[Balance]**, you can improve listening experience by adjusting difference between the left and right audio channels.

1. From Home screen, go to **[Settings]** > **[Sound settings]** > **[Balance]**.
   - Or, press **SOUND** on the remote control to enter the menu of sound settings.
2. Press ◀/▶ repeatedly to increase/decrease the output from left/right audio channels.
   - Press **CLEAR** for equal output from left/right audio channels.

Set the volume from the external audio device

With **[AUX in volume]**, you can set the volume from the connected external device (see 'Connect external audio devices' on page 13).

1. From Home screen, go to **[Settings]** > **[Sound settings]**.

- Or, press **SOUND** on the remote control to enter the menu of sound settings.

2 Go to **[AUX in volume]**. Select the desired volume level.

Display settings

Brightness

On MCD900, you can adjust the brightness of the display. As desired, the display lights up, dims or turns off when MCD900 is turned on or switched to active standby.

- In **[Settings]** > **[Display settings]** > **[Brightness when on]** or **[Brightness when standby]**, select an option and press **OK**.
- Or, on the remote control, press **BRIGHTNESS** to select the brightness options for the display.

Wallpaper

For menus on MCD900, you can set the background display (wallpaper).

To set wallpaper

1 On MCD900, select and play a photo.

2 Press **SETTINGS** on the remote control to select **[Settings]** > **[Display settings]** > **[Wallpaper]**.

3 In **[Wallpaper]**, select **[Current picture]**.
↳ Current picture is set as wallpaper.

Screensaver

On MCD900, the screensaver is turned on when MCD900 is switched to active standby.
When turned on, the selected screensaver appears. The clock is shown on the lower right corner of the screen.
By default, clock display appears as the screensaver.

To set screensaver

1 On MCD900, select and play a picture.

2 Press **SETTINGS** on the remote control to select **[Settings]** > **[Display settings]** > **[Screen saver]**.

3 In **[Screen saver]**, select **[Current picture]**.
↳ Current picture is set as screensaver.

Slideshow settings

When in the slideshow mode, you can view pictures one by one.

To select a play mode for slideshow

1 From the home screen, go to **[Settings]** > **[Slideshow settings]**.
Or, press **SETTINGS** on the remote control to enter **[Settings]**.

2 Select one of the following play modes. Press **OK** to turn it on or off.
↳ **[Repeat]**: Play all pictures repeatedly;
↳ **[Shuffle]**: Play all pictures randomly.

To set the play time of each picture

1 From Home screen, go to **[Settings]** > **[Slideshow settings]** > **[Time per slide]**.
- Or, press **SETTINGS** on the remote control to enter **[Settings]**.

2 In **[Time per slide]**, select the desired time duration.

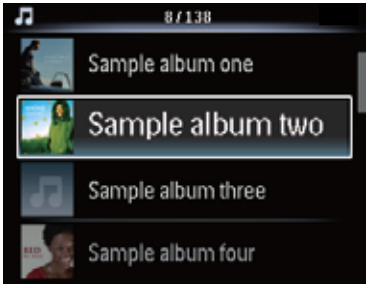
Album art (in the USB mode)

Album art (the picture of CD/album cover) is sometimes available for music downloads. With some media management software, album art can be inserted for the songs. By turning **[Album art]** on or off, you can choose whether to show the picture of CD/album cover for corresponding songs.

To turn on [Album art]

1 From the home screen, go to **[Settings]** > **[Album art]**.
Or, press **SETTINGS** on the remote control to enter **[Settings]**.

2 Select **[Album art]**. Press **OK** to turn it on or off.
If **[Album art]** is on,
↳ In the list of songs, the album art appears as thumbnail along with the corresponding song.



↳ During the song play, the album art is displayed in full screen as the background.

Clicker sound

MCD900 can give you an audible feedback (clicker sound) every time you press a button on the remote control.
You can turn the clicker sound on or off in **[Settings]** >**[Clicker sound]**.

Clock settings

Alarm

Set the alarm

1. Ensure that you have set the clock (see 'Date and time' on page 21).
2. From Home screen, go to **[Settings]** > **[Clock settings]** >**[Alarm]**.
3. To set the source of alarm sound,
   - Select **[Music]**;
     ↳ At the set alarm time, last played song sounds, or you tune to the last played FM radio station.
   - Select **[Buzzer]**;
     ↳ At the set alarm time, the buzzer sounds.
4. To set the alarm time,
   - Press and hold ▲ /▼, or press ▲/▼ repeatedly until you reach the desired digits. Press **OK** to confirm.
   - Or, enter the desired digits by using the alphanumeric buttons on the remote control.
     ↳ The alarm icon appears on the screen.

To play a song or FM radio station as the next alarm sound

1. Ensure that you have selected [Music] in the Step 3 above;
2. Before you switch MCD900 to active standby,
   - Go to **[USB]**, and select and play the desired song;
   - Or, go to **[FM radio]**, and tune to the desired station.

Note

- Keep the USB flash device connected to MCD900, if you select a song as the alarm sound.
- Tune to an FM radio station that is in service at the set alarm time, if you select FM radio as the alarm sound.

Use the alarm

At the set alarm time, music/FM radio plays as desired, or the buzzer sounds.

Note

- The buzzer sounds instead, if MCD900 fails to detect a USB flash device.
- MCD900 is unmuted if it has been muted.
- The alarm sounds in a higher volume if the volume level is lower than minimum.

To snooze the alarm

- Press any button on the unit or the remote control (except for the volume buttons).
  ↳ The alarm sounds again 15 minutes later. The alarm icon remains.

To stop the alarm

- Press and hold or .
  ↳ The alarm is stopped.The alarm icon disappears.
  ↳ The alarm sounds again next day.

To turn off the alarm

- Go to **[Settings]** > **[Clock settings]** > **[Alarm]**. Select **[Alarm off]** and press **OK** on the remote control.

Sleep timer

With the sleep timer, you can have MCD900 turned off automatically after the set timer duration.

To set the time duration

1. From the home screen, go to **[Settings]** > **[Clock settings]** > **[Sleep timer]**.
   - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
2. Select an option. Press **OK** to turn it on.

Date and time

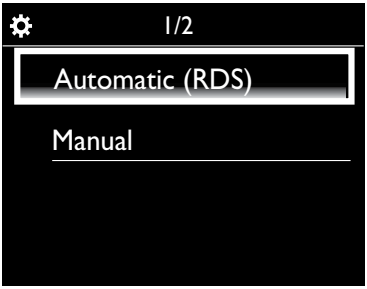
The date and time can be set automatically or manually.

Automatic setting

For automatic clock setting, use the time signal from FM RDS radio.

Through time signals from FM RDS radio

1. On the unit, turn on the FM radio, if necessary.
   - Ensure that the FM antenna is connected properly (see 'Connect the FM antenna' on page 12).
2. On the first location for preset stations, store an FM RDS station that transmits time signals.
3. From Home screen, select **[Settings]** > **[Clock settings]** > **[Date and time]**.
4. In **[Date and time]**, select **[Current date and time]** > **[Automatic (RDS)]**.
   ↳ The unit searches for the first preset station automatically.
   ↳ The time is set according to time signals from the station.



Note

- The RDS service is available in some countries and areas only.

Manual setting

1. Turn on the unit, if necessary.
2. From Home screen, select **[Settings]** > **[Clock settings]** >**[Date and time]**.
3. In **[Date and time]**, select **[Current date and time]** > **[Manual]**.
4. To enter date and time,
   - Press ◀ or ▶ to select the entry location;
   - Use the alphanumeric buttons to enter desired digits;
   - Press **OK** to confirm.
   - You can also press ▲ or ▼ repeatedly, or press and hold ▲ or ▼ until the desired digit appears.

Set date/time format

Select how date and time are displayed in the clock.

1. Follow Step 1-2 under "**Manual setting**".
2. In **[Date and time]**, go to **[Time format]** or **[Date format]** to select options.

Language

After the first-time setup, you can change the language selection in **[Settings]** > **[Language]**.

Demo mode

You can view the demo to learn major functions on MCD900.

1. From Home screen, go to **[Settings]** > **[Demo mode]**.
   ↳ Demo play starts.
2. To exit the demo play, press ⏻.
   ↳ The unit is switched to Eco standby.

Restore factory settings

You can restore MCD900 to factory settings. All your settings are removed, including the sound, display, clock, alarm and language.

1. Go to **[Settings]** > **[Restore factory settings]**.
2. As prompted, select **[Yes]**.
   ↳ The unit is turned off.
   ↳ The unit is turned on again automatically when the factory settings are restored.
   ↳ Start the first-time setup.

10 Maintenance

This chapter tells you how to care for MCD900.

Cleaning

Note

- Avoid moisture and abrasion.

1. Clean MCD900 only with a soft dry cloth.

11 Technical data

General

AC Power (Main unit)
220-240V, ~ 50-60Hz (for /12, /05 /79) 120V, ~ 60Hz (for /37)
DC Power (DVD unit)
DIN connector (Output provided by Main unit)
DC Power (USB flash device unit)
5V USB power, 900mA (Provided by Main unit)[1]
Dimensions
Main unit: 251 x 251 x 133mm (including LCD)
DVD unit: 251 x 251 x 69mm
Speaker box: 175 x 202 x 354mm
Weight (net)
12.50kg (all items)

Power consumption

Active (On)
< 45W (according to IEC60065)
(Active) Standby
< 11W
ECO (Passive) Standby
< 0.8W

Audio inputs

Aux in (Line in)
2x Cinch
Input sensitivity
0.5V: Position High 0.8V: Position Medium 1.55V: Position Low
Input impedance
> 10kΩ (Ohms)

Audio outputs

Headphones
1 x 3.5mm jack, 30 – 18000Hz, 16 - 150Ω (Ohms)
Signal to noise ratio (Headphones)
typically 90dBA (IEC)
Distortion (Headphones)
< 0.10%

Audio / Video outputs (only provide output during disc playback)

SPDIF
1 x Cinch (Coax), 0.5V, 75 Ohm
Line out
2 x Cinch, 20 – 20000Hz, 1.5V
Signal to noise ratio (Line out)
typically 98dBA (IEC)
CVBS
1 x Cinch, 1Vpp, 75 Ohm
Composite Video output (PbPrY)
3 x Cinch, 75 Ohm, Pb/Pr: 0.7Vpp, Y: 1Vpp
HDMI
480i, 480p, 576i, 576p, 1080i, 1080p
Video system
PAL / NTSC
Video format
4:3 / 16:9

Audio amplifier (Digital)

Output power
2 x 50W (RMS) (= total power 100W)
Frequency response
20Hz to 20000Hz (±0.5dB)
Signal to noise ratio
typically 92dB

Speakers

Power handling
50W (RMS) / 60W (MPO)
Impedance
8Ω (Ohms)
Sensitivity
86dB/ 1m/ W
Dimensions
Woofer: 5.00 inches Tweeter: 1.50 inches
Frequency response
45 to 20000Hz

Sound features

FullSound®
Yes (on/ off)
Bass/ Treble control
+/ - 10 steps
Balance control
+/ - 10 steps
Direct Source (Flat)
Yes (on/ off)

Decoding capabilities (excluding the disc player)

MP3
8 - 320kbps (CBR / VBR)
WMA
32 - 192kbps (CBR / VBR)
WMT DRM - ND (WMA DRM - 10)
No
AAC (M4A)
16 - 320kbps (CBR / VBR)
PCM/ WAV
1x (1.4Mbps)
FLAC
Yes, supported
Ogg Vorbis
Yes, supported
eACC
Yes, supported
JPEG
Yes, supported (Maximum size: 7MB)

Playlist support (excluding the disc player)

*.m3u, *.wpl
Yes

FM Tuner

Frequency range
87.50 to 108.00MHz
No. of Presets
60
Signal noise ratio (Mono)
≥ 62dB
Tuning grid
50kHz
RDS
Yes; PTY, PS, Text including RDS clock setting
Antenna connector
IEC (75 Ohm)

DISC player

Supported discs
DVD, VCD, SVCD, DVD+RW, DVD-RW, DVD+R, DVD-R, Picture (JPEG) CD, DivX (Ultra) Disc MP3 / WMA CDR / CDRW, CD (CDDA)
Disc size support
8cm/ 12cm
Video decoding
MPEG 1, MPEG 2, DivX, JPEG
Audio decoding
MP3: 112 to 320kbps (Sampling rate: 32,44.1,48kHz) WMA: 48 to 192kbps (Sampling rate: 44.1, 48kHz)
HDMI Audio support
Yes

USB

USB port type
Type A, Host
Supported media
FAT, FAT-32, NTFS
Supported class
MSC only (no MTP support)
Multi-partition support
No, only first readable partition
Database support
Up to 40000 songs

Display/Clock

Resolution
Dotmatrix, 320 x 240 dots (QVGA), Color TFT
Size
3.5 inches
Backlight
Can be turned on/ off and can be dimmed
Clock/ Date display
Yes
Wallpaper/ Screensaver
Yes
Automatic time setting via RDS
Yes, enabled
Sleep timer
Yes
Internal (key) clicker
Yes

Note

- Specifications and external appearance are subject to changes without notice.

12 Troubleshooting

Caution

- Never remove the casing of this unit.

To keep the warranty valid, never try to repair the system yourself.
If you encounter problems when using this unit, check the following points before requesting service.
If the problem remains unsolved, go to the Philips web site (www.philips.com/support). When you contact Philips, ensure that your unit is nearby and the model number and serial number are available.

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 apparatus.
- 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 apparatus.

Poor radio reception

- Increase the distance between the apparatus and your TV or VCR.
- Fully extend the FM antenna.
- Connect an outdoor FM antenna instead.

Audio or subtitle languages cannot be set

- The disc is not recorded with sound or subtitles in multiple languages.
- The audio or subtitle language setting is prohibited on the disc.

Cannot display some files in a USB mass storage device

- The number of folders or files in the USB mass storage device has exceeded the limit.
- The formats of these files are not supported.

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