



EN	User manual	3
	Contact information	70

EC DECLARATION OF CONFORMITY

(DECLARATION DE CONFORMITE CE)

We / Nous, PHILIPS CONSUMER LIFESTYLE B.V.

(Name / Nom de l'entreprise)

TUSSENDIEPEN 4, 9206 AD DRACHTEN, THE NETHERLANDS

(address / adresse)

Declare under our responsibility that the electrical product(s):

(Déclarons sous notre propre responsabilité que le(s) produit(s) électrique(s):)

Philips.....

(brand name, nom de la marque)

.....MCi900/12, /05.....

(Type version or model, référence ou modèle)

Wi-Fi Component Hi-Fi System

(product description, description du produit)

To which this declaration relates is in conformity with the following harmonized standards:

(Auquel cette déclaration se rapporte, est conforme aux normes harmonisées suivantes)

(title, number and date of issue of the standard / titre, numéro et date de parution de la norme)

EN62311 : 2008

EN62301 : 2005

EN55020 : 2007

EN55013 : 2001 + A1:2003 + A2:2006

EN55022 : 2006 + A1:2007

EN55024 : 1998 + A1:2001 + A2:2003

EN301489-1 V1.8.1. : 2008

EN301489-17 V1.3.2. : 2008

EN300328 V1.7.1 :2006

EN60065 : 2002 + A1:2006 +A11:2008

Following the provisions of :

(Conformément aux exigences essentielles et autres dispositions pertinentes de:)

1999/5/EC (R&TTE Directive)

2004/108/EC (EMC Directive)

2009/125/EC (ErP Directive) – EC/1275/2008

And are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC Permanent Documents

(Et sont fabriqués conformément à une qualité au moins conforme à la norme ISO 9001 ou aux Documents Permanents CENELEC)

The Notified Body Nemko performedCB Scheme.....

(L'Organisme Notifié)

(Name and number/ nom et numéro)

(a effectué)

(description of intervention /
description de l'intervention)

NO56043

And issued the certificate,

(et a délivré le certificat)

(certificate number / numéro du certificat)

Remarks:

(Remarques:)

Leuven, February 24, 2010

Frank Dethier

Development Manager, Innovation Lab Leven

Frank Dethier

(place, date / lieu, date)

(signature, name and function / signature, nom et fonction)

Contents

1 Important	5
Safety	5
Environmental notices	6
Recycling	7
Trademark notice	7

2 Your MCi900	9
Introduction	9
What's in the box	9
Overview	10
Top and front view	10
Rear view	12
Remote control	14
Home screen	16
Play screen	17
Text entry	17

3 Prepare	19
Connect the HDD to a computer	19
Copy MCi900 files to the computer	19
Copy media files to the HDD	19
Install batteries into the remote control	20

4 Place the unit	21
Place the Soundsphere speakers	22

5 Connect	24
Connect the main unit and CD/DVD unit	24
Connect speakers	24
Connect for disc play	24
Connect a TV	24
Play from another speaker system	25
Connect the FM antenna	26
Connect external audio devices	26
Turn on/off	27
Connect power supply	27
Turn on/off	27

6 First-time setup	28
Connect to home Wi-Fi/wired network	29
Wireless connection: One-touch Wi-Fi Protected Setup (WPS)	30
Wireless connection: Enter encryption key manually	31
Wireless connection: Enter IP address manually	32
Wired connection	33
Wired connection: Enter IP address manually	34

7 Play from home Wi-Fi/wired network	36
Play from the hard disk drive (HDD)	36
Connect the HDD to MCi900	36
Library on the HDD	36
Play from the HDD	38
Stream from a UPnP server	39
Library on a UPnP server	40
Stream from a UPnP server	40
Play Internet radio stations	41
Tune to Internet radio stations	42
Store preset stations	42
Edit favorite stations	42
Manage Internet radio online	43
Manually add stations online	45
Stream from online music services	45
Stream from Napster	46
Search for music/pictures	46
Alphanumeric search	47
Quickjump	47
Superscroll	47

8 Play music CD/movie DVDs	48		
Basic operations	48		
Use the disc menu	48		
Access the disc menu	49		
Play movie discs(DVD/DivX/VCD)	49		
Pause/Resume/Stop	49		
Search	49		
Select languages for disc play	49		
Program favorite chapters/tracks	50		
Select play options	50		
Select Repeat/Shuffle options	50		
Zoom in/out image	51		
Change a camera angle	51		
9 Play FM radio	52		
Tune to FM radio stations	52		
Autostore	52		
Manual tuning	52		
Edit preset stations	52		
Listen to FM radio	52		
RDS (Radio Data System)	53		
Use the RDS for clock setting	53		
10 Play from an external audio device (AUX)	54		
Play from an external audio device	54		
11 Settings	55		
Play modes	55		
Sound settings	55		
Bass and treble	55		
Full sound	55		
Direct Source	55		
Audio balance	55		
Set the volume from the external audio device	56		
Display settings	56		
Brightness	56		
Wallpaper	56		
Screensaver	56		
Slideshow settings	56		
Album art	57		
Clicker sound	57		
		Clock settings	57
		57	
		58	
		58	
		59	
		59	
		60	
		60	
		60	
		60	
		60	
		60	
		60	
		60	
		61	
	12 Register MCI900 with Philips	62	
	Benefits	62	
	Register MCI900	62	
	Register on the web site	62	
	Register on the device	62	
	Unregister MCI900	63	
	Check registration information	63	
	13 Maintenance	64	
	Cleaning	64	
	14 Technical data	65	
	15 Troubleshooting	69	
	16 Contact information	70	

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 objects 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

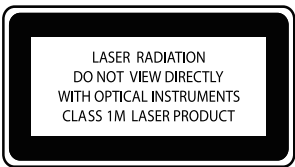


This product complies with the radio interference requirements of the European Community.

CE 0560		!		R&TTE Directive 1999/5/EC	
BG ✓	RO ✓	BE ✓	LT ✓	LI ✓	IS ✓
DK ✓	ES ✓	CZ ✓	NL ✓	AT ✓	LV ✓
FR ✓	UK ✓	FI ✓	PT ✓	CY ✓	MT ✓
HU ✓	NO ✓	GR ✓	SI ✓	EE ✓	PL ✓
IT ✓	LU ✓	IE ✓	CH ✓	DE ✓	

This product complies with the requirement of the 1999/5/EC directive.

This apparatus includes this label:



Class II equipment symbol:



This symbol indicates that this product has a double insulation system.

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



HDMI, and HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.



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ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

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.



'DVD Video' is a trademark of DVD Format/ Logo Licensing Corporation.



Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.



Be responsible
Respect copyrights

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.

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

2 Your MCi900

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

MCi900 can

- Connect a hard disk drive (USB mass storage device);
- Connect to the existing home Wi-Fi/wired network, which can consist of computers and UPnP devices;
- Connect the existing home audio/video systems, including TV, audio systems and MP3 players.

With such connections, you can

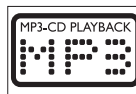
- Play music stored on a hard disk drive (HDD) through the Soundsphere speakers;
- Play Internet radio stations and *online music services over the Internet;
- Play movie DVDs on a TV;
- Play music/photos stored on a computer/UPnP server;
- Play music from an audio system/portable media player through the Soundsphere speakers.



Tip

- *Online services are available in some countries only.

The DVD player on MCi900 supports these disc formats:



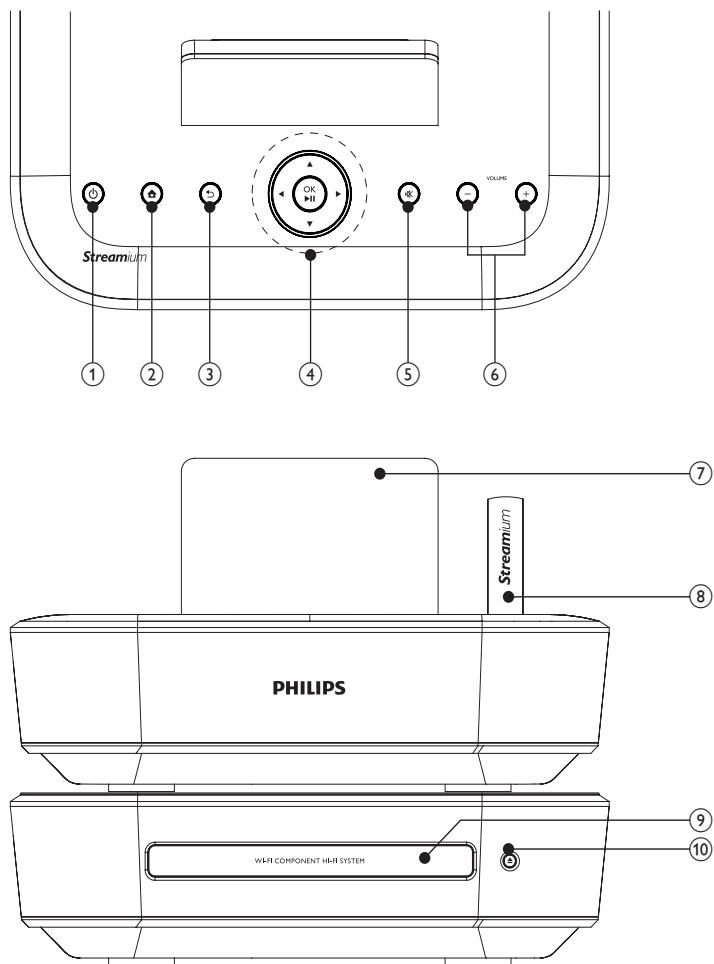
What's in the box

Check and identify the contents of your package:

- Main unit and CD/DVD unit
- Hard disk drive (HDD) with a USB plug
- 2 SoundSphere speakers (with connection cables)
- Remote control with batteries
- Composite audio/video cables
- FM T-type antenna
- AC power cord
- Stand for the hard disk drive (HDD)
- Software suite (stored in the supplied hard disk drive)
- Quick Start Guide

Overview

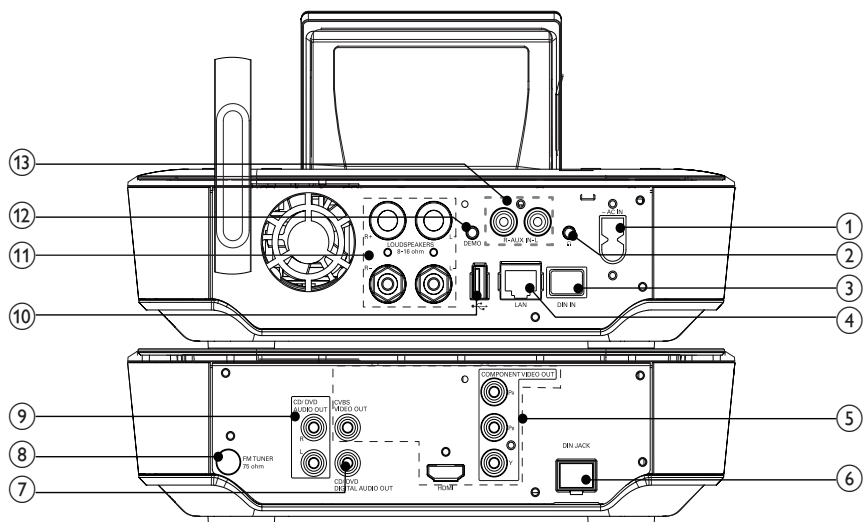
Top and front view



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.	
	Navigation buttons Press to navigate through menus.
	
	In MEDIA LIB./HDD/INTERNET RADIO 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 FM RADIO mode: Press and hold to start the auto tuning to the next available station; Press repeatedly for fine tuning. In DISC/HDD mode: Select an album (for MP3/WMA CDs). 
	Confirm selection. Start/pause/resume play. In MEDIA LIB./HDD : Start to play the entire file folder(SuperPlay™).
5.	
	Mute/ unmute sound.
6.	+VOL -
	Increase/decrease volume.

7.	LCD display
8.	Wi-Fi antenna
9.	Disc compartment
10.	
	Open or close the disc compartment.

Rear view

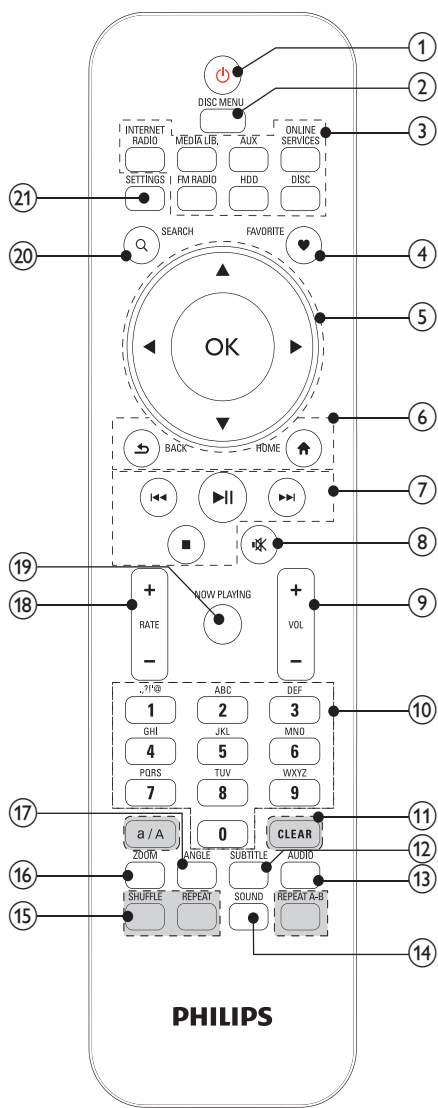


see 'Connect' on page 24

1.	~ AC IN
	for AC power cord
2.	
	3.5 mm headphone jack
3.	DIN IN
	socket for the connection between the main unit and CD/DVD unit
4.	LAN
	for the Ethernet cable that connects MCi900 with home Wi-Fi/wired network, if you want a wired connection to the home Wi-Fi/wired network
5.	HDMI
	Video output jacks for the disc play for the HDMI cable (not supplied) that connects the disc player and a high-definition TV (HDTV)
	CVBS VIDEO OUT
	Video output jacks for the disc play for the supplied composite audio/video cable that connects the disc player and a standard TV
6.	DIN JACK
	socket for the connection between the main unit and CD/DVD unit
7.	CD/DVD DIGITAL AUDIO OUT
	Digital audio output socket for the disc play through an external speaker system
8.	FM TUNER
	for the supplied FM antenna
9.	CD/DVD AUDIO OUT
	Analog audio output sockets for the disc play through an external speaker system

10.	
	USB port for the hard disk drive
11.	LOUDSPEAKERS
	for connection cables that connect the supplied Soundsphere speakers
12.	DEMO
	for the audio cable supplied to dealers only (for the use by dealers only)
13.	AUX IN L / R
	Audio input sockets for a portable media player to play through the speakers on MCi900

Remote control



- 

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.
- DISC MENU**

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

Select a media source:

INTERNET RADIO: Radio services provided over the Internet;

MEDIA LIB.: Media library on a UPnP media server;

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

ONLINE SERVICES: Supported music services provided over the Internet (available in some countries only);

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

HDD: Media library on the hard disk drive connected to the unit;

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

In **MEDIA LIB.** mode:
Add songs to the list of favorites.

In **INTERNET RADIO** mode:
Add current station to the list of Favorite Stations.
- 

Navigation buttons
Press to navigate through menus.

	
	In MEDIA LIB./INTERNET RADIO/HDD 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 MEDIA LIB./HDD/DISC mode: Press to skip to the previous/ next chapter/track;
	 Start/pause/resume play; In MEDIA LIB./HDD mode: Start to play the entire file folder(SuperPlay™).
	 Stop play; Exit Demo mode.
8.	 Mute/ unmute sound.

9.	+VOL – Increase/decrease the volume
10.	Alphanumeric buttons For text entry In INTERNET RADIO/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 MEDIA LIB./INTERNET RADIO/HDD 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.
11.	CLEAR Press to delete the previous entry; Press and hold to delete all entries. 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.
12.	SUBTITLE In DISC mode: Select a subtitle language (for video discs only).
13.	AUDIO In DISC mode: Select stereo, mono-left, monoright, or mix-mono channel (for VCD discs only); Select an audio language (for DVD and DivX discs only).
14.	SOUND Select sound settings.

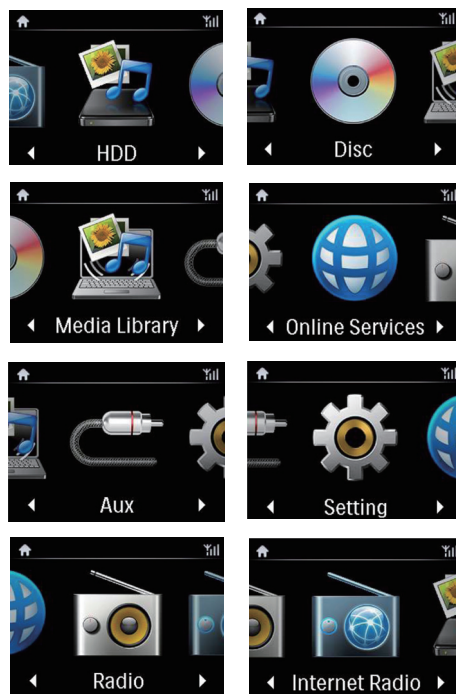
15.	REPEAT A-B
	In DISC mode: Repeat a specific section within a track/disc.
	REPEAT
	Toggle through repeat play options.
	SHUFFLE
	Activate/deactivate random order play.
16.	ZOOM
	In DISC mode: Zoom in/out (for video discs and picture files on CDs).
17.	ANGLE
	In DISC mode: Select a camera angle (for video discs and picture files on CDs).
18.	+RATE -
	In ONLINE SERVICES mode: Increase/decrease rating* of current music.
19.	NOW PLAYING
	Return to play screen.
20.	SEARCH
	Press to start the search/browsing by alphanumeric entry.
21.	SETTINGS
	Enter the settings menus.



Note

- * Rating current music is available only for music services that support rating, and is available only in some countries.

Home screen



On **MCi900**, you enter Home screen after the first-time setup is complete.

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 move to the next page, press ▶ repeatedly until you reach the end of the page.
- 3 To go back to previous screen, press ↶ **BACK**.
- 4 To return to Home screen, press 🏠 **HOME**.

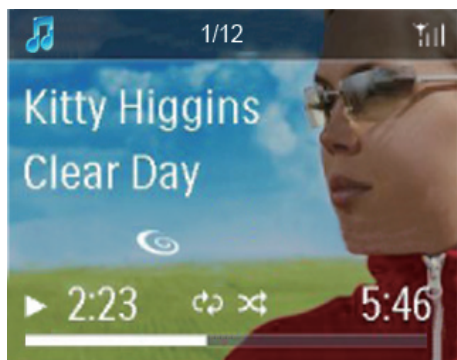


Note

- *Online services are available in some countries only.

Play screen

In **MEDIA LIB./INTERNET RADIO/ONLINE SERVICES** mode, Play screen appears when play starts.



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.

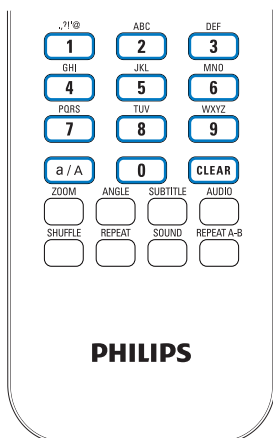
Text entry

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 repeatedly.
- To enter space, press .
- To switch between lower and upper cases, press .
- To delete previous character, press . To delete all entries, press and hold .



Other Languages	
abc...	ABC...
1.,?!'@- _./"#\$%& () '*+<=>[\] ^ { } ~	1.,?!'@- _./"#\$%& () '*+<=>[\] ^ { } ~
abc2åäåååååæ	ABC2ÅÄÅÅÅÅÅÆ
def3éèèèè	DEF3ÉÈÈÈÈ
ghi4íîï	GHI4ÍÎÏ
jkl5	JKL5
mno6ñòóôõöø	MNO6ÑÓÓÓÓÓ
pqrs7ß	PQRS7ß
tuv8úûüü	TUV8ÚÛÜÜ
wxyz9	WXYZ9
_0	_0



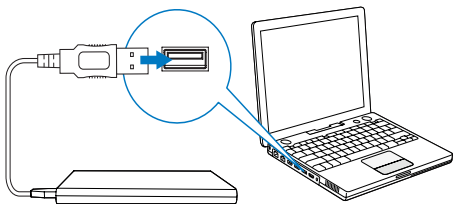
Tip

- 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

3 Prepare

Connect the HDD to a computer



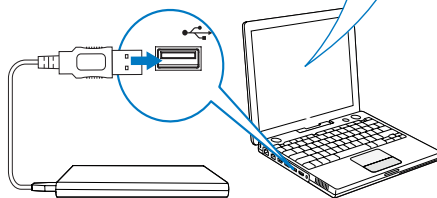
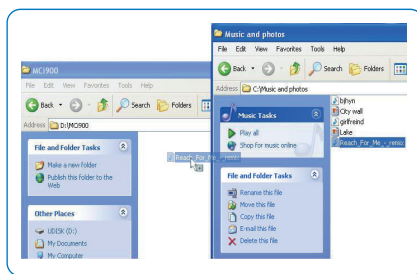
The supplied hard disk drive (HDD) contains the PC/Mac software for **MCi900 (Media Browser/TwonkyMedia Server)**, video tutorial, User Manual, and other information about MCi900 that may be helpful to you.

- Connect the supplied HDD to a computer.
↳ Wait till the HDD is detected on the computer.

Copy MCi900 files to the computer

- 1 On the computer, under [My Computer] or [Computer],
 - Find the HDD of **MCi900**;
 - Find a location on the computer to store the **MCi900** files from the HDD.
- 2 Drag and drop the "MCi900" folder from the HDD to the desired location on the computer.

Copy media files to the HDD



Transfer music/picture files from the computer to HDD. You can play music and photos on **MCi900**.

- 1 On the computer, under [My Computer] or [Computer],
 - Find the HDD of **MCi900**;
 - Find the desired music folder.
- 2 From the music/photo folder on your computer, drag and drop music/picture files to the HDD.

Tip

- Copy media files to the HDD, regardless of the folder structure.
- The music/picture file transfer may take you some time. You may proceed to next steps when transferring music/picture files to the HDD.

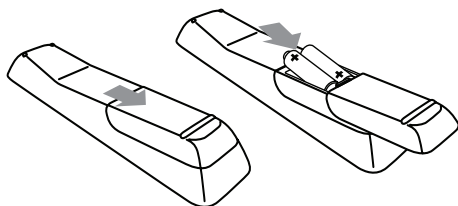
Install batteries into the remote control



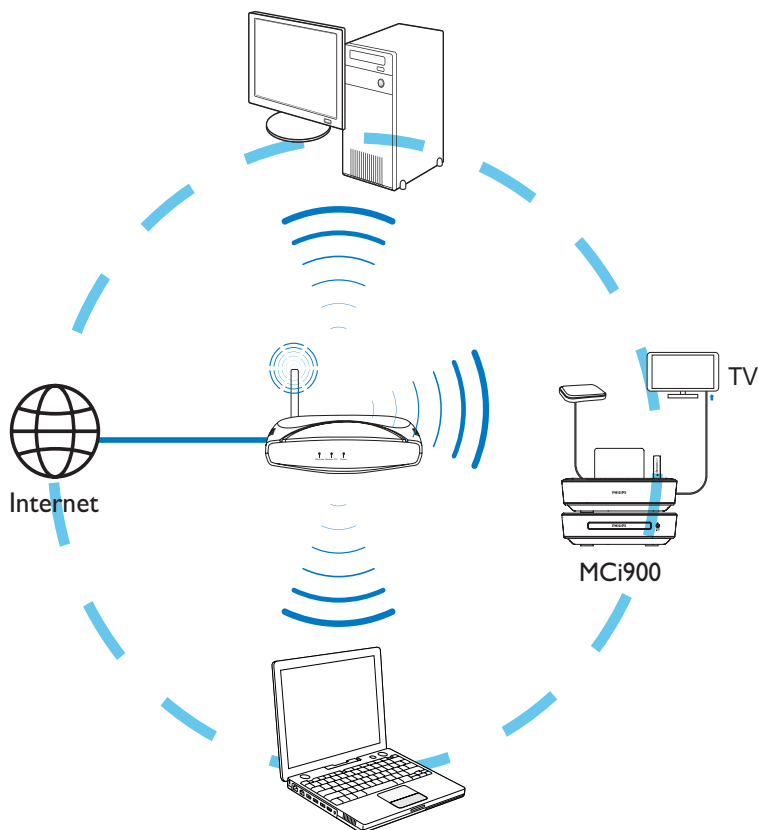
Caution

- 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 two AAA R03 batteries with correct polarity (+/-) as indicated.
- ③ Close the battery compartment.



4 Place the unit



- Place **MCi900** near a TV to use the disc player.
- For good Wi-Fi reception, place the unit within the coverage of the router/ Access point (not supplied).
- To avoid magnetic interference or unwanted noise, never place this apparatus and speakers too close to any radiation devices.

Note

- Never place this unit in an enclosed cabinet.
- Install this unit near the AC outlet where the AC power plug can be easily reached.

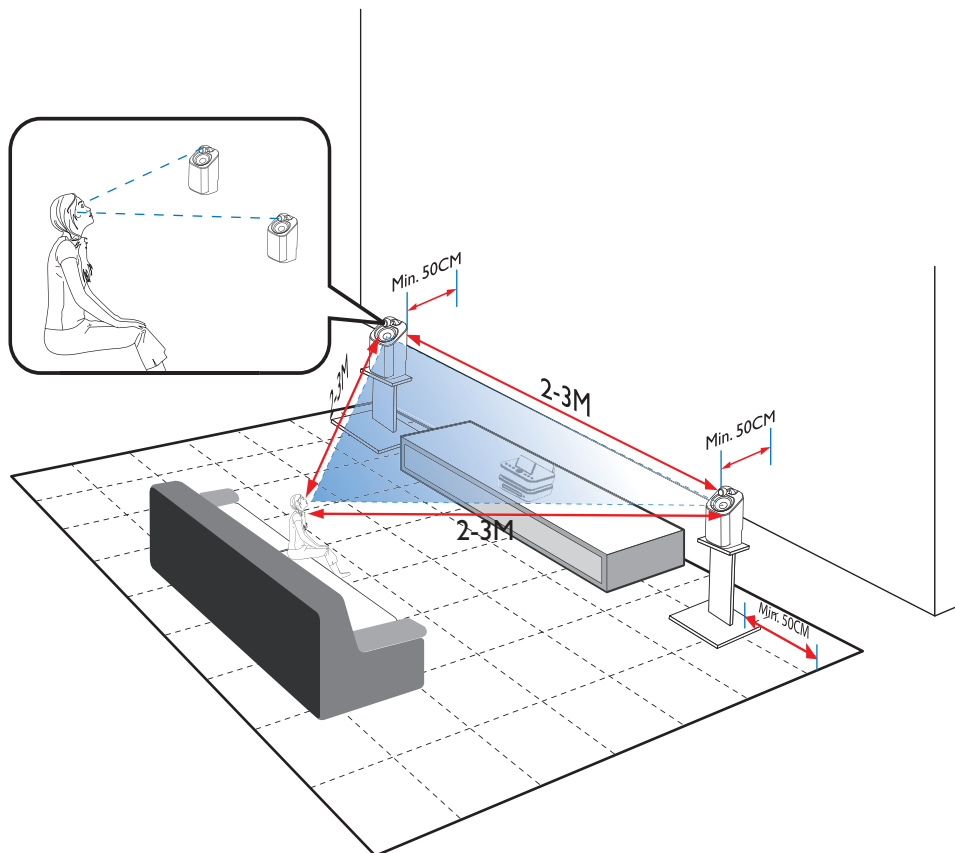
Place the Soundsphere speakers

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.



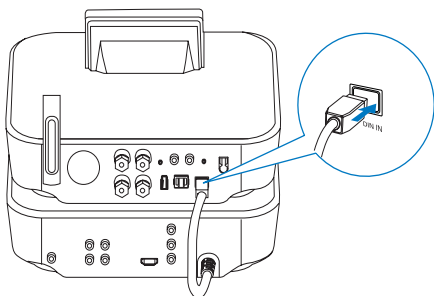
Tip

- 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.

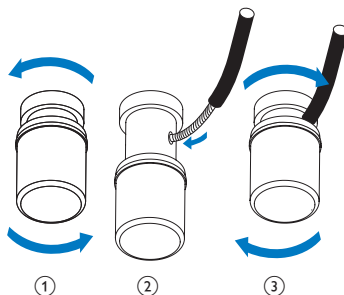
5 Connect

Connect the main unit and CD/DVD unit

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



- 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 speakers

Note

- Always connect the speakers before you connect MCi900 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 MCi900.

- On **MCi900**, ensure that you connect the left speaker to **LOUDSPEAKERS L+**, **L-** and right speaker to **LOUDSPEAKERS R+**, **R-**.
- To connect the speakers,

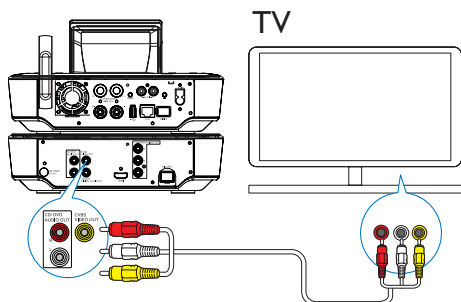
Connect a TV

On **MCi900**, 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).

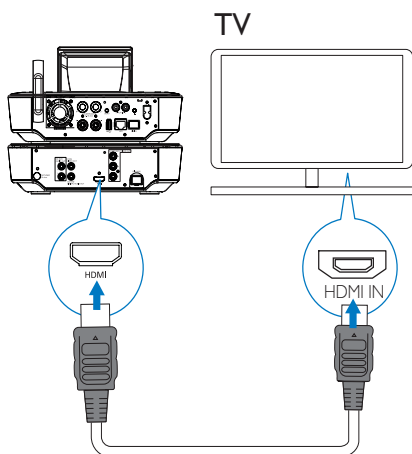
Using the CVBS jack



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

Using the HDMI jack (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.

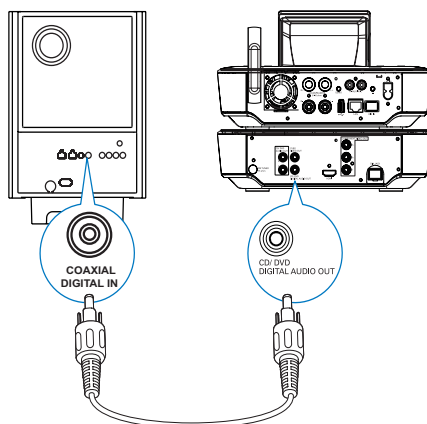
Tip

- 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:

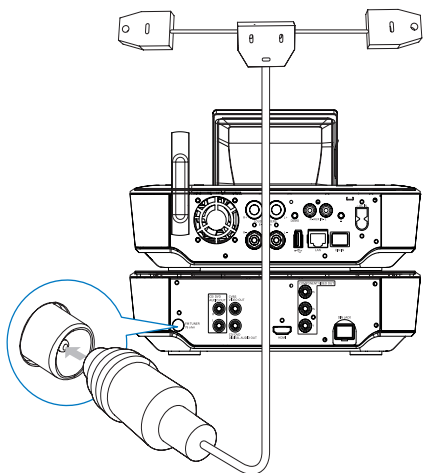
- the **CD/DVD DIGITAL AUDIO OUT** socket on **MCi900**;
- the digital audio input on an external speaker system.



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



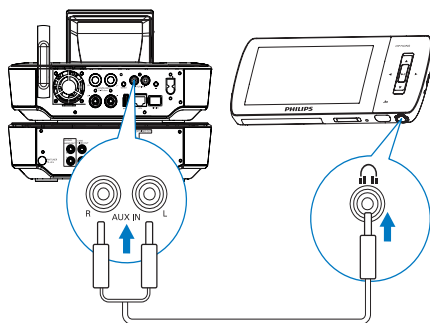
Note

- 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 **MCi900**. To do so, do the following connections, and then, select the **AUX** mode on **MCi900**.

- 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.



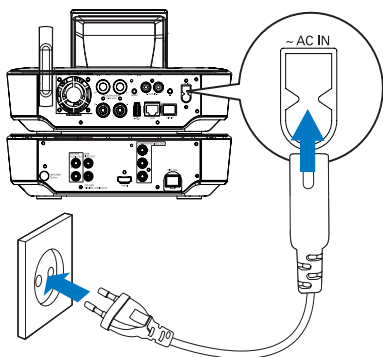
Turn on/off

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 **MCi900** to the power supply.



Note

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

Turn on/off

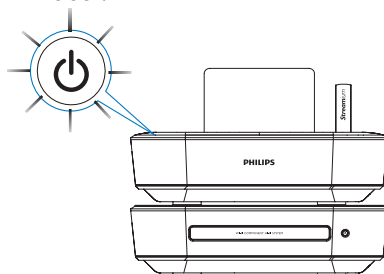
- 1 Press  or a source selector to turn on the unit.
- 2 To turn off the unit,
 - Press  to switch to active standby;
 - Or, press and hold  to switch to Eco standby (energy-saving mode).

Active standby

When in active standby, some major functions of **MCi900** remain in the normal state of power consumption, e.g. Wi-Fi connection, clock display. Thus, **MCi900** can quickly go to the running state when you switch **MCi900** from active standby to on.

In active standby,

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



And, the unit is still connected to the Wi-Fi/wired network.

Auto active standby

If no activity happens on **MCi900** for 10 minutes, **MCi900** 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, Wi-Fi connection, display, and hard disk.

6 First-time setup

The first time you turn on MCi900,

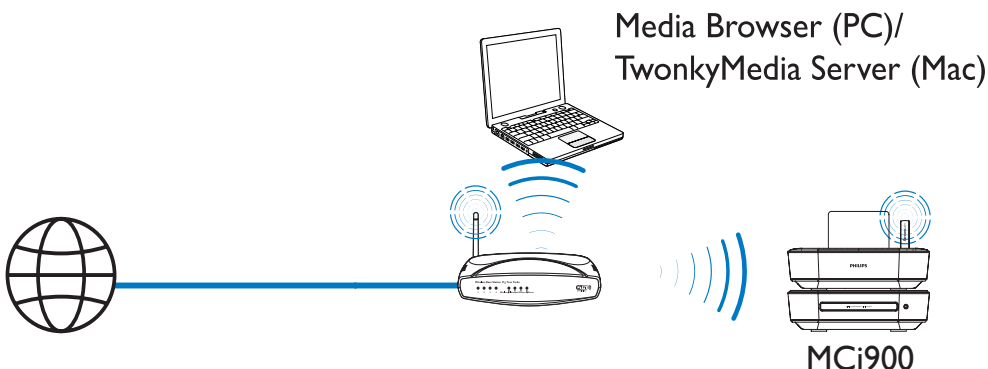
- 1 Select the desired language on the screen as prompted.
- 2 To learn major functions on MCi900,
 - Select **[Yes, show me the demo]**, when asked whether to view demo;
 - If necessary, press **+VOL-** to adjust the volume;
 - To exit the demo play, press 
 - ↳ The unit is switched to Eco standby.
 - ↳ Press  again to turn on **MCi900**, and restart the setup.

To proceed to network setup,

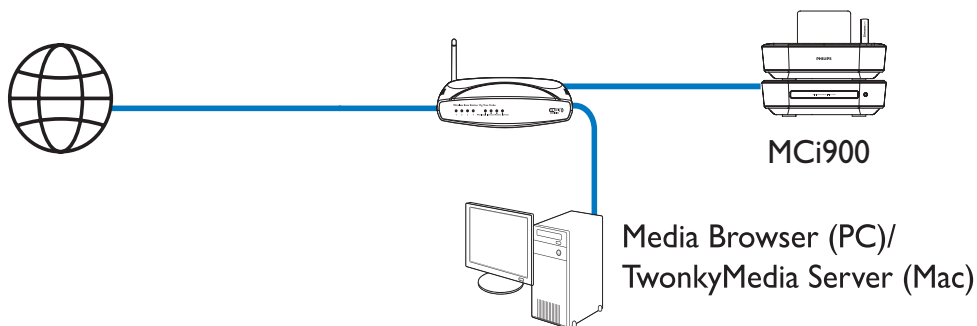
- Select **[No]**, when asked whether to view demo.
- 3 Select your location and time zone from the list as prompted.
 - 4 Select **[Yes]**, when asked whether to set up network connection.

Connect to home Wi-Fi/ wired network

Connect wirelessly



Connect through an Ethernet cable



You can connect **MCi900** to home Wi-Fi/
wired network in different ways: wireless or
wired, automatic or manual.

- Use a router (or Access Point) for home Wi-Fi/wired network. That is, connect computers/devices to a router.
- Connect **MCi900** to the router wirelessly or through an Ethernet cable.

- To have the unit connected to the Internet over home Wi-Fi/wired network, ensure that the router connects to the Internet directly and no dial-up is required on the computer.
- To switch between different connection methods (wireless or wired, automatic or manual), or switch between different routers, go to **[Settings] > [Network settings] > [Setup network]**.

Wireless connection: One-touch Wi-Fi Protected Setup (WPS)

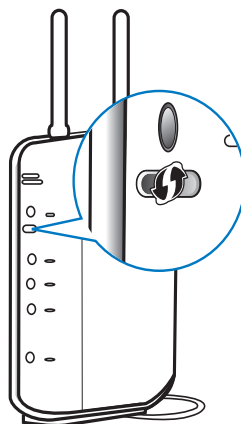
MCi900 supports Wi-Fi Protected Setup (WPS). You can quickly and securely connect **MCi900** to a wireless router that also supports the WPS.

You can select one of the two setup methods: PBC (Push Button Configuration), or PIN (Personal Identification Number).



Tip

- Wi-Fi Protected Setup (WPS) is a standard created by Wi-Fi Alliance for easy establishment of secure wireless home network.

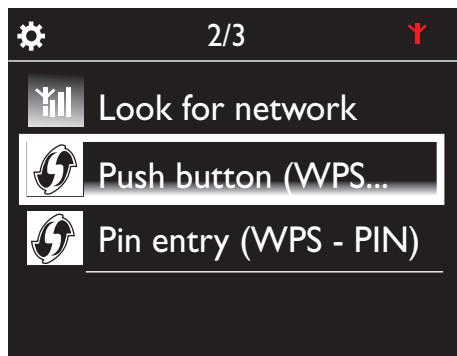


Tip

- To use PIN (Personal Identification Number) as the setup method: On **MCi900**, select **[Wireless (WiFi)] > [Pin entry (WPS - PIN)]**, and write down the PIN that is displayed on **MCi900**; On the router, enter the PIN.
- Consult the user manual of the router to learn how to enter the PIN the router.

Turn on WPS-PBC on MCi900

- 1 Select **[Yes]**, when asked whether to set up network connection (see 'First-time setup' on page 28).
- 2 Select **[Wireless (WiFi)] > [Push button (WPS - PBC)]**.

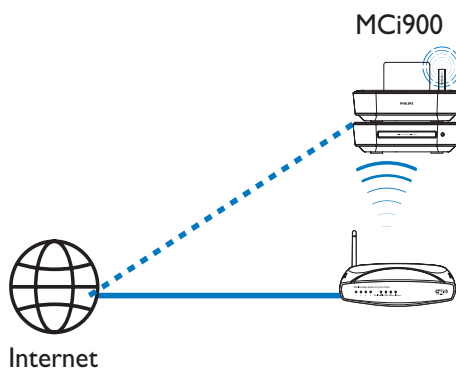


Add MCi900 on the router

- Consult the user manual of the router to learn how to add a WPS device to the router. For example:
 - ➔ The router starts to search for a WPS device.
 - ➔ On **MCi900**, a message appears when the connection is completed successfully.

Connect to the Internet

- Connect to the Internet as prompted.
 - ➔ You enter Home screen after the first-time setup is complete.

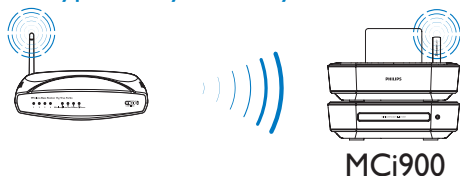




Note

- Ensure that the router connects to the Internet directly and no dial-up is required on the computer.

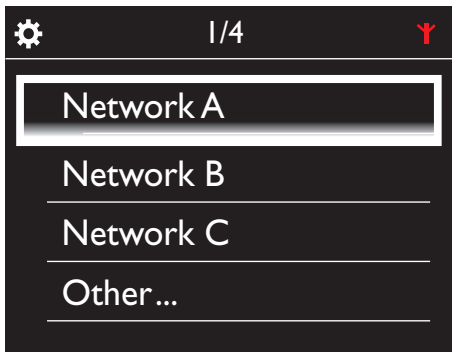
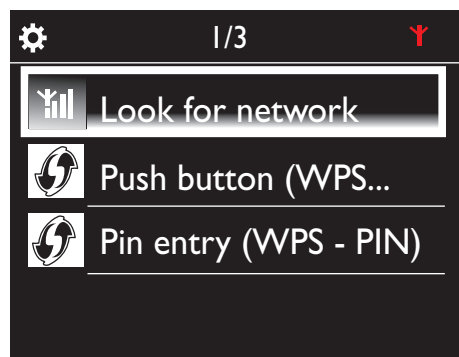
Wireless connection: Enter encryption key manually



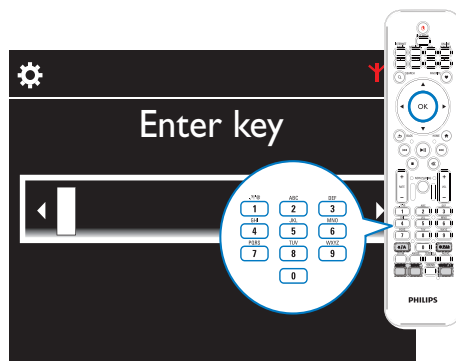
Tip

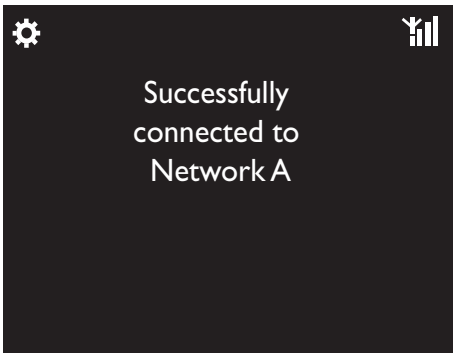
- Before you start the network setup, have the encryption key to your router ready.

- 1 Select **[Yes]**, when asked whether to set up network connection (see 'First-time setup' on page 28).
- 2 Select **[Wireless (WiFi)]** > **[Look for network]**.
 - ↳ The unit starts to search for wireless networks.
 - ↳ A list of available Wi-Fi networks appears.



- 3 Select the desired Wi-Fi network.
- 4 As prompted, enter the encryption key to the network.
 - ↳ The unit starts to acquire an IP address assigned by the Wi-Fi network automatically.
 - ↳ A message appears when the connection is completed successfully.





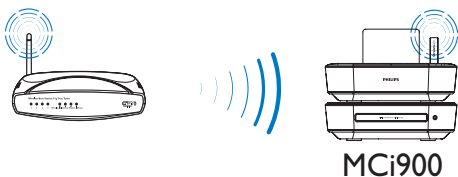
Tip

- If you have hidden the SSID of the router (e.g. disable the SSID broadcasting), go to the end of the list of Wi-Fi network. Select **[Other...]** > **[Manual SSID entry]**. In the text box, enter the name of the router.

Note

- The router may fail to assign an IP address, if the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router. You may need to enter the IP address manually, or press **BACK** to start re-connecting.

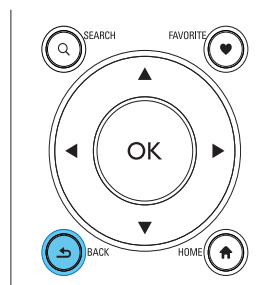
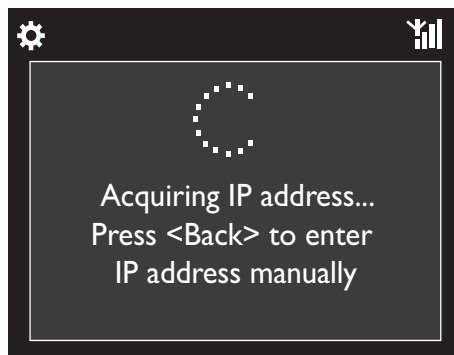
Wireless connection: Enter IP address manually



Stop getting Auto IP

- 1 Search for the home Wi-Fi network, and then, connect to the home Wi-Fi network.
 - ➔ The unit starts to acquire an IP address assigned by the Wi-Fi network automatically.

- 2 Press **BACK** on the remote control to stop getting auto IP.

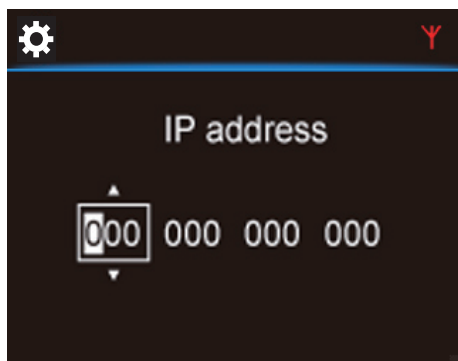


Get the IP address of the router

- Consult the user manual of the router.
- Or, to check for the settings of the router, enter the IP address (e.g. 192.168.1.1) in the web browser (e.g. Internet Explorer) of the computer, and then, get the desired information in the setup page.

Enter the IP address manually

- On the **MCi900**, enter an IP address that allows the unit to be in the same subnet as the router.
For example, if the router has IP address: 192.168.1.1, Subnet mask: 255.255.255.000;
Then, enter the following on the unit: IP address: 192.168.1.XX (where XX denotes a number), Subnet mask: 255.255.255.000.

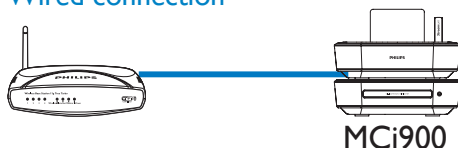


- Press **◀▶** repeatedly to select the entry location;
- To enter the desired digits, use the alphanumeric buttons on the remote control; or press **▲▼** repeatedly.

Note

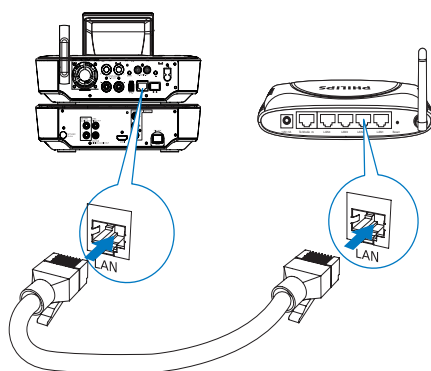
- Ensure that you never enter an IP address that is already assigned to a computer/device on the network.

Wired connection



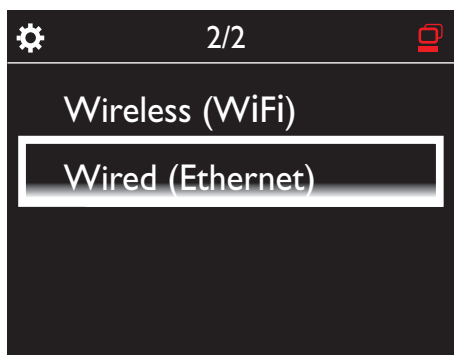
Connect to the router by using the Ethernet cable

- 1 Select **[Yes]**, when asked whether to set up network connection (see 'First-time setup' on page 28).
- 2 Use an Ethernet cable to connect the unit to the router.



Connect to the home Wi-Fi/wired network

- On the unit, select **[Wired (Ethernet)]**.
 - ↳ The unit starts to acquire an IP address assigned by the network automatically.
 - ↳ A message appears when the connection is completed successfully.

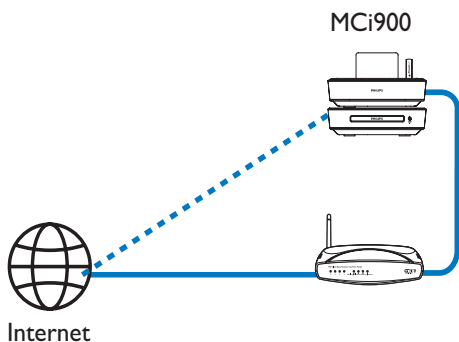


Tip

- The router may fail to assign an IP address, if the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router. You may need to enter the IP address manually, or press **BACK** to start re-connecting.

Connect to the Internet

- Connect to the Internet as prompted.
 - ↳ You enter Home screen after the first-time setup is complete.



Note

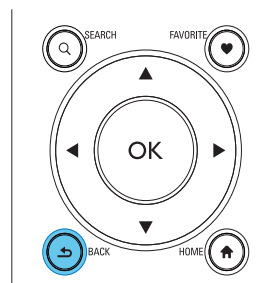
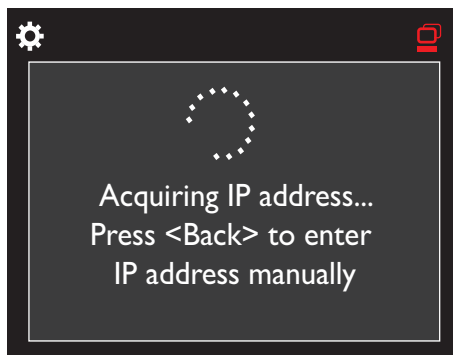
- Ensure that the router connects to the Internet directly and no dial-up is required on the computer.

Wired connection: Enter IP address manually



Stop getting Auto IP

- 1 Use an Ethernet cable to connect the unit to the router.
- 2 On the unit, select **[Wired (Ethernet)]**.
- 3 Press **BACK** on the remote control to stop getting auto IP.

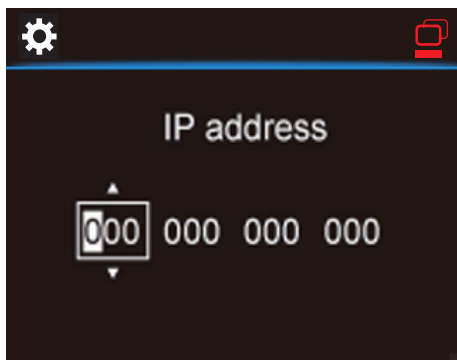


Get the IP address of the router

- Consult the user manual of the router.
- Or, to check for the settings of the router, enter the IP address (e.g. 192.168.1.1) in the web browser (e.g. Internet Explorer) of the computer; and then, get the desired information in the setup page.

Assign the IP address manually

- On the **MCi900**, enter an IP address that allows the unit to be in the same subnet as the router.
For example, if the router has IP address: 192.168.1.1, Subnet mask: 255.255.255.000;
Then, enter the following on the unit:
IP address: 192.168.1.XX (where XX denotes a number), Subnet mask: 255.255.255.000.



- Press ◀▶ repeatedly to select the entry location;
- To enter the desired digits, use the alphanumeric buttons on the remote control; or press ▲▼ repeatedly.

Note

- Ensure that you never enter an IP address that is already assigned to a computer/device on the network.

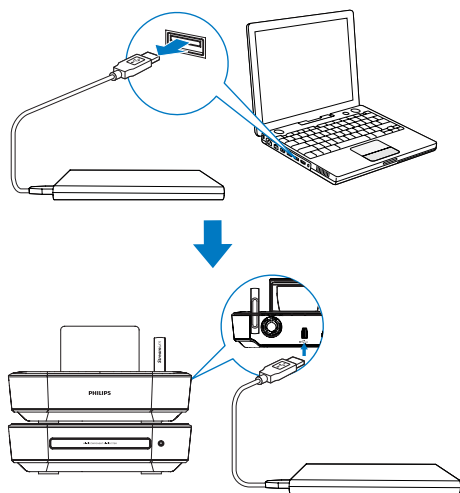
7 Play from home Wi-Fi/wired network

Play from the hard disk drive (HDD)

Connect the HDD to MCi900

After you have transferred music/picture files from the computer to HDD (see 'Prepare' on page 19),

- 1 Install the supplied software on the computer: **Media Browser** for PC, **TwonkyMedia Server** for Mac.
 - On the computer, find the "MCi900 folder" you copied from the HDD;
 - Run the setup file under **TwonkyMedia** folder to start installation on the computer.
- 2 Ensure that you have removed the HDD safely from the computer.
- 3 Connect the HDD to MCi900.



Tip

- With the software installed, the computer can work as a music server. You can stream music/pictures from the computer to **MCi900**, if both of them are connected to the home Wi-Fi/wired network.

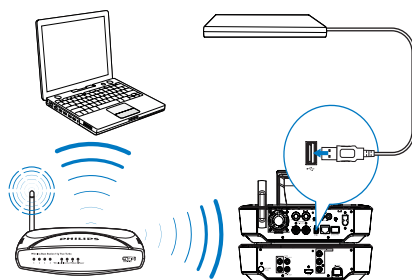
Library on the HDD

You can transfer the music/ picture files from a computer to the HDD in two ways:

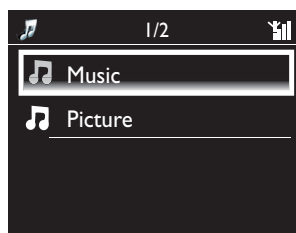
- by using a USB cable that connects the HDD to the computer;
- or, through the home Wi-Fi/wired network.

Transfer through the home Wi-Fi/wired network

Through the network, you can conveniently transfer a smaller number of songs/pictures from the computer to HDD, without removing the HDD from MCi900.



- 1 Ensure that the computer is connected to the home Wi-Fi/wired network. On MCi900, ensure that
 - The HDD is properly connected;

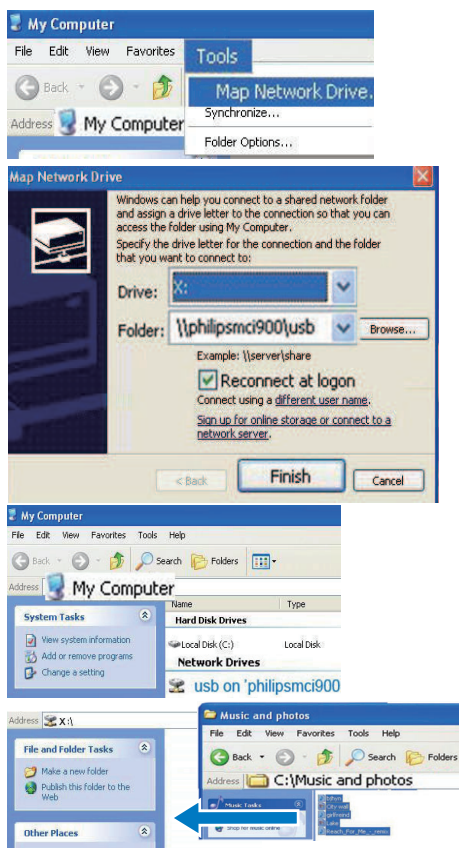


- In [Settings] > [Network settings], "[USB sharing]" is turned on.

For computers running Windows XP Professional:

2 The first time you connect the HDD as a network drive, assign a network drive to the HDD on the computer.

- On the computer running Windows XP, double click [My Computer];
- On the computer running Windows Vista, double click [Computer].



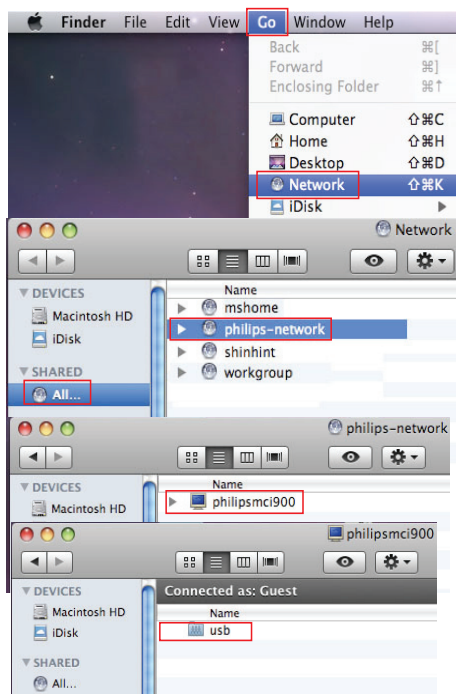
- On [My Computer], select [Tools] > [Map Network Drive];
- Click to assign a network drive to the HDD (e.g. X: as shown). As shown, type in the HDD name \\Philipsmci900\usb. Click [Finish].

3 On [My Computer] (Windows XP), or [Computer] (Windows Vista),

- Find the HDD under [Network Drives];
- Find the music/photos folder on the computer.

For computers running Mac OS X:

- As shown, select [Go] > [Network];
- Under [SHARED], select [All] > [philips-network];
- On [philips-network], select [philipsmci900], and then [usb].



- Find the music/photos folder on the computer.

4 Drag and drop music/picture files from the music/photos folder to MCI900.

➡ On MCI900, You can switched to the music/photo collection on the [HDD] source (Press HDD on the remote control).

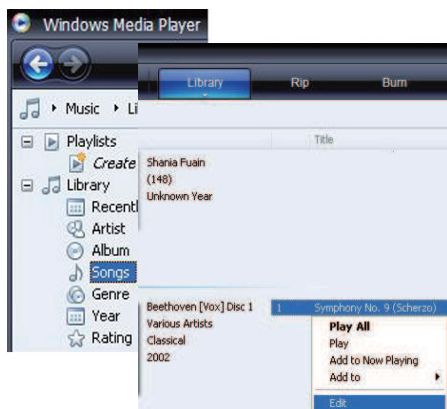
Tip

- In the case of a large number of media files, network performance may affect the transfer speed, or even cause the interruption of transfer.
- **Philipsmci900** is the default device name. To change the device name, go to **[Settings] > [Device ID and information]**.

Organize files on the HDD

- **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.

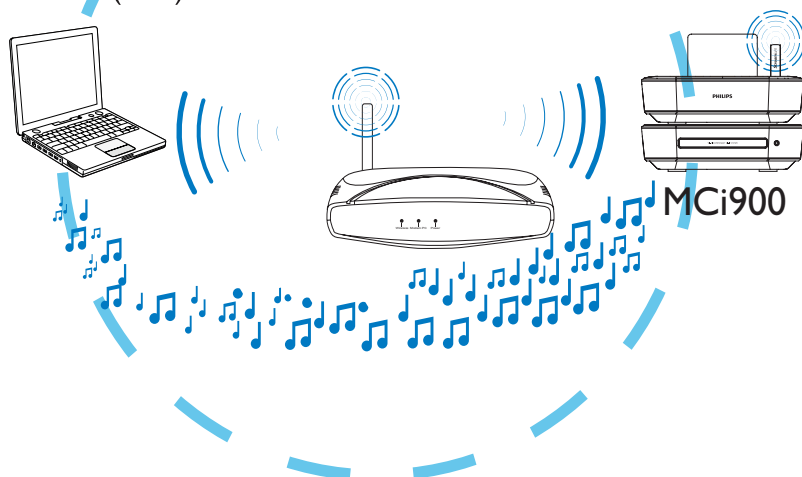
Play from the HDD



- 1 On MCI900, ensure that the HDD is properly connected.
- 2 On the remote control, press **HDD**.
 - ↳ 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 **▶▶** to start play.
 - Play starts from the beginning of the album, if you press **▶▶** on an album.
 - Play screen appears when play starts (see 'Play screen' on page 17).
- 5 To stop play, press **■**.

Stream from a UPnP server

Media Browser (PC)/
TwonkyMedia Server (Mac)



You can stream music/photos between computers and **MCi900**, when

- **MCi900** is connected to home Wi-Fi/wired network;
- Music sharing is set up on the computers, other UPnP servers that are also connected to the home Wi-Fi/wired network.

With the music sharing software (the supplied **Media Browser** and **TwonkyMedia Server**), such computers can work as UPnP media servers (music/photo libraries) of **MCi900**, if they are turned on.

Through the UPnP (Universal Plug and Play) protocols, a UPnP media server allows music or picture files to be streamed from the server to a UPnP client device (e.g. **MCi900**). On the UPnP client device, you can play the music and pictures from the server.

MCi900 can also be the UPnP media server of such computers and other UPnP devices that are connected to the home Wi-Fi network, if **MCi900** is turned on or switched to active standby.

Connect a hard disk drive (HDD)* to **MCi900**. Music and pictures on the HDD can be played on such computers and UPnP devices.



Tip

- *The Hard disk drive (HDD) can have a maximum capacity of 160 GB, or up to 40,000 media files.

Library on a UPnP server

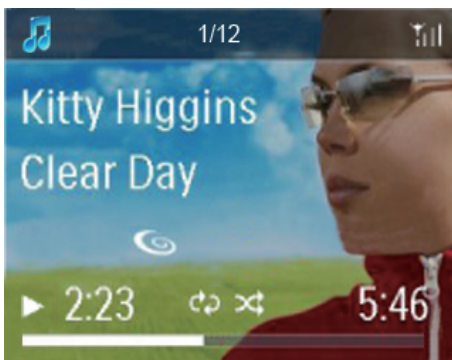
On the computers (UPnP servers), the supplied software **Media Browser** or **TwonkyMedia Server** can access music libraries that are organized by different media management software, including **Windows Media Player 11** and **iTunes**.

iTunes is the a trademark of Apple Inc., registered in the U.S. and other countries.

Stream from a UPnP server

On MCi900, play music/picture libraries that are streamed from a UPnP server (a computer on the home Wi-Fi/wired network).

- 1 Ensure that the UPnP server is connected to the home Wi-Fi/wired network.
- 2 On MCi900, press **MEDIA LIB.** on the remote control.
 - Or, from Home screen, select **[Media Library]**.
- 3 Select a music/pictures library.
 - ↳ You can see the categories by which the music/pictures are sorted (e.g. Artist, Album, Genre).
- 4 Select your desired track or album.
- 5 Press **▶||** to start play.
 - Play starts from the beginning of the album, if you press **▶||** on an album.
 - Play screen appears when play starts (see 'Play screen' on page 17).



- 6 To stop play, press **■**.

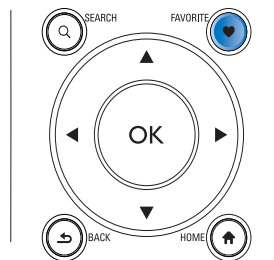
Play favorite songs

On MCi900, you may wish to listen to certain songs from different artists, albums, and genres. Add the songs to **[Favorites]**.

- 1 Go to a list of songs.
- 2 On the remote control, press **FAVORITE** to add current song to **[Favorites]**.
 - Or, press **FAVORITE** when listening to a song.
 - A list of favorite songs is created under **[Media Library] > [Favorites]**.
- 3 To find and play the favorite songs, press **HOME** on the remote control.
 - ↳ From home screen, you can find the favorite songs under **[Media Library] > [Favorites]**.

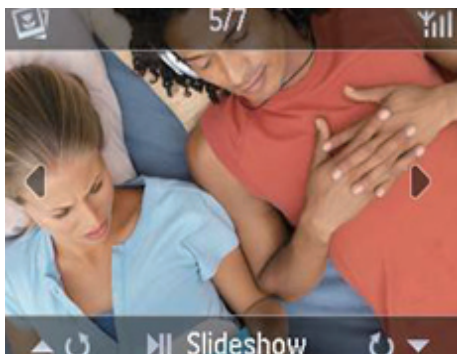
To remove a favorite song from **[Favorites]**

- Select the song in **[Media Library] > [Favorites]**. Press **FAVORITE** on the remote control.



Play photos

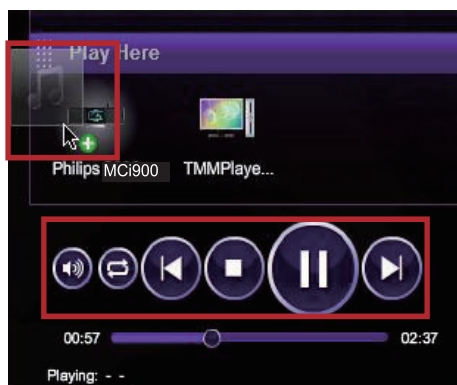
- Press **▲▼** to rotate the picture;
- Press **◀▶** to move to previous/next picture;
- Press **▶||** to start playing all pictures in slideshow mode.



External control from a PC

Through the home W-Fi/wired network, the **Media Browser** on a PC (UPnP server) allows you to control MCI900.

- 1 On the PC desktop, launch **Media Browser** by double clicking the icon.
- 2 In **Media Browser**, select songs to be played on MCI900. Drag the songs to the icon of MCI900.
 - ➔ A green "+" appears if the songs are in supported formats.



- 3 On the computer, you can click the buttons to
 - Adjust the volume;
 - Select previous/next songs if you have dragged more than one songs to MCI900. See the Step 2 above.

- Fast search forward or backward;
- Play/pause and resume.

- 4 On MCI900, do the following to exit the external control.

- Press  on the remote control;
- Press a source selector on the remote control;
- Press ;
- Press **HOME**.

Note

- The external control is stopped if the sleeper timer is turned on after the set time duration.

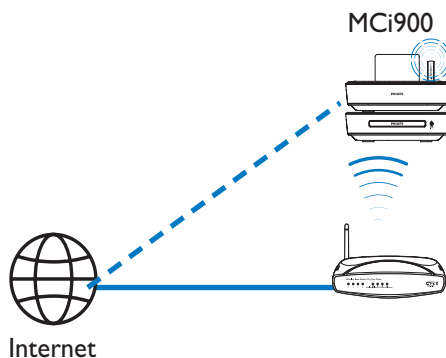
Play Internet radio stations

To play Internet radio stations, ensure that

- **MCI900** is connected to the Internet over the home Wi-Fi/wired network.

Note

- Ensure that the router connects to the Internet directly and no dial-up is required on the computer.



Tune to Internet radio stations

- 1 Ensure that MCi900 is connected to the Internet.
- 2 On MCi900, press **INTERNET RADIO** on the remote control.
 - Or, from Home screen, select **[Internet Radio]**.
- 3 To search for radio stations,
 - Go to **[All stations]** > **[Locations]** to locate stations by region;
 - To search for a station by name, use the remote control to start alphanumeric search or Superscroll (see 'Search for music/pictures' on page 46).
- 4 Select the desired station to start play.

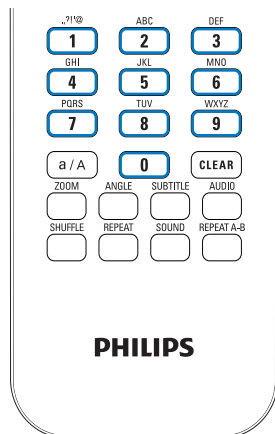
Store preset stations

On MCi900, you can store up to 10 preset stations. Each preset station corresponds to a numeric button on the remote control. On the radio play screen, press a numeric button, you quickly switch to the corresponding preset station.

By default, preset stations are pre-loaded to MCi900 according to the location that you select during the first-time setup. To check or change the location, go to **[Settings]** > **[Location and time zone]**.

To store preset station

- 1 Play the desired station (see 'Tune to Internet radio stations' on page 42).
- 2 On the play screen, press and hold the desired numeric button (0-9).
 - ↳ A message appears, indicating that the station is added to the corresponding location.
 - ↳ The new preset replaces the old one if the location has been filled.



To play a preset station

- Go to **[Internet Radio]** > **[Presets]**.
- Or, on the radio play screen, press the corresponding numeric button (0-9).

Edit favorite stations

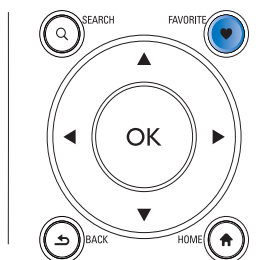
On MCi900, you can mark an Internet radio station as favorite. All the stations are added to **[Internet Radio]** > **[Favorite stations]**. In this way, you can quickly access your favorite stations.

To add a station to [Favorite stations]

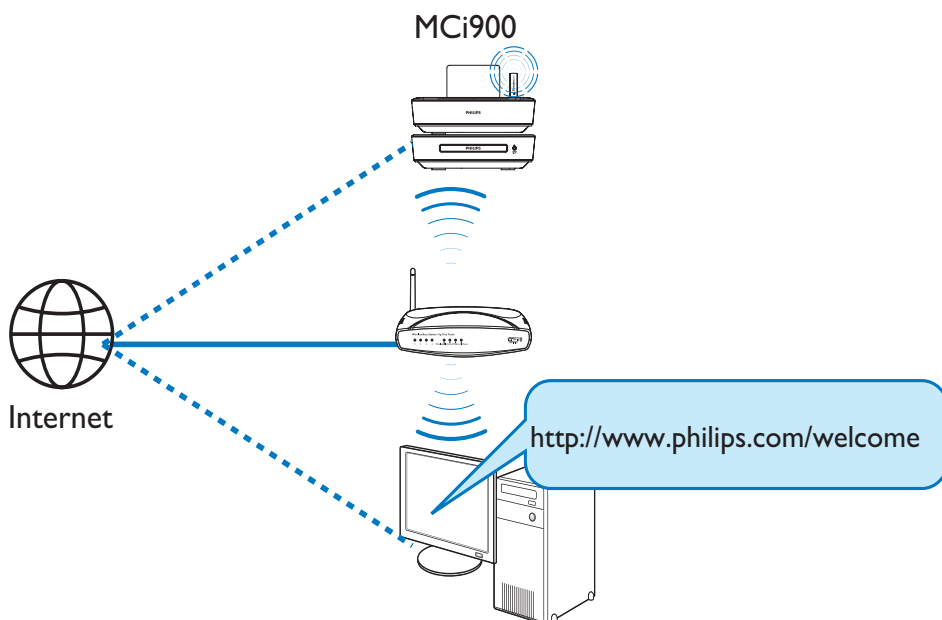
- On a list of stations, select the desired station. Press **FAVORITE** on the remote control.
- Or, play the desired station. On the play screen, press **FAVORITE** on the remote control.
 - ↳ A message appears, indicating that the station is added to **[Favorite stations]**.

To remove a station from [Favorite stations]

- Select the station in the list of stations; or, go to the play screen of the station. Press **FAVORITE** again.



Manage Internet radio online



By registering MCi900 on www.philips.com/welcome (see 'Register MCi900 with Philips')

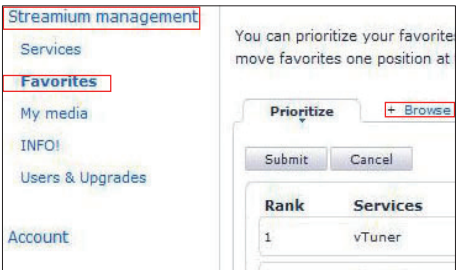
on page 62), you can log in to Club Philips. On Club Philips, you can do the following to manage the Internet Radio on a computer:

- Edit favorite stations;
- Manually add stations that you are unable to find on MCI900.

Edit favorite stations online

Through Club Philips, you can manage the list of favorite stations on a computer. When connecting MCI900 to the Internet, you update the favorite stations on MCI900.

- 1 On a computer, log in to Club Philips (see 'Register MCI900 with Philips' on page 62).
- 2 To mark/unmark stations as favorite:
 - Click [Streamium management] > [Favorites] > [Browse];



- In [Browse], find the desired stations;

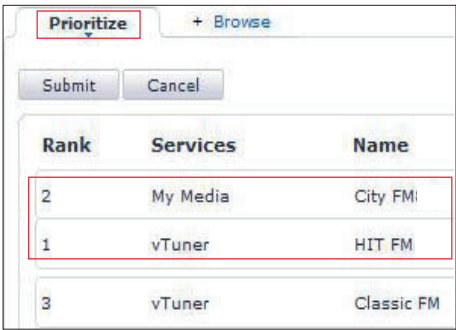


- Under [Favorite], check the box corresponding to the station.

- ➡ The station is marked as favorite.
- To unmark, uncheck the box corresponding to a station.



- 3 To change the order of favorite stations in the list:
 - Click [Prioritize];
 - Click on the row of the station to be moved;
 - Drag and drop the row upward or downward.



- ➡ On MCI900, you can find the stations in the desired order under [Internet Radio] > [Favorite stations], if you have connected MCI900 to the Internet.



Tip

- In the list of favorite stations, to put a favorite station ahead of the first one, make the station just behind the first one; drag and drop the first station downward.
- To put a station behind the last one, make the station just ahead of the last one; drag and drop the last station upward.

Manually add stations online

Manually add stations

Through Club Philips, you can manually add Internet radio stations to MCI900 on a computer.

- 1 On a computer, log in to Club Philips (see 'Register MCI900 with Philips' on page 62).
- 2 To add a station, click [Streamium management] > [My media] > [Music].

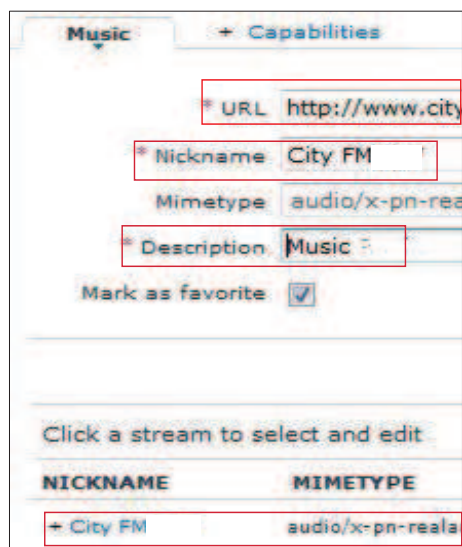


- 3 In [Music], enter station information in the text boxes:
 - In [URL], fill in the web site of the station;
 - In [Nickname], fill in a name that appears as station name in [My media];
 - In [Description], fill in one-word description about the station, e.g. music, sports, new. The description is used as a category to sort stations under [My media].

- 4 Click [Save].

↳ A station is manually added the below the edit boxes.

To edit an added station



- As shown, click the station.
 - ↳ The text boxes are filled, showing the information about the station.
- Click on the text boxes to edit the information.

Stream from online music services

On MCI900, you can enjoy the online music services.

With the online music services, you can access their online music libraries.

Create a user account to use the services. To access some features, you may need to subscribe services.



Note

- Online services are available in some countries only.

Stream from Napster



Note

- To stream from online music services, ensure that **MCi900** is connected to the Internet over the home Wi-Fi/wired network.

Log in to your Napster account

To access **Napster** online music service, you need to log in to your **Napster** account. Use your existing **Napster** account, or use the trial account before you create an account with **Napster**.

- 1 On **MCi900**, press **ONLINE SERVICES** on the remote control.
 - From Home screen, go to **[Online services] > [Napster]**.
- 2 Log in to the existing account/trial account:
 - Press ◀ or ▶ to select the entry location;
 - Use the alphanumeric buttons to enter desired digits/letters;
 - You can also press ▲ or ▼ repeatedly, or press and hold ▲ or ▼ until the desired digit/letter appears;
 - Press **OK** to confirm.
 - ↳ Next time you select **Napster**, you see the account name/password that you previously entered.



Tip

- You go to the screen of account management, if you fail to log in to the **Napster** account. As prompted, log in to the account again, or change to another account.

Search for music

- 1 On the **Napster** screen, select **[Search] > [Song]**, **[Album]**, or **[Artist]**.
 - ↳ You can search for music by the name of a song, album, or artist.
- 2 Enter the name of the desired song, album, or artist.
 - Press ◀ or ▶ to select the entry location;
 - Use the alphanumeric buttons to enter desired letters;
 - You can also press ▲ or ▼ repeatedly, or press and hold ▲ or ▼ until the desired letter appears;
 - Press **OK** to confirm.

Or,

- 1 On the **Napster** screen, select **[Channels]**.
- 2 Select a playlist by genre (e.g. jazz, blues).

Or,

- On the **Napster** screen, select **[Catalogue]**.
 - ↳ You can browse music as sorted and organized by the expert music service of **Napster**.

Play music

- To start play, press ▶||.
- To stop play, press ■.

My Library

All your played music is saved to **[My Library]**. You can search for the music by song, channel, album, artist, and genre.

Search for music/pictures

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



Tip

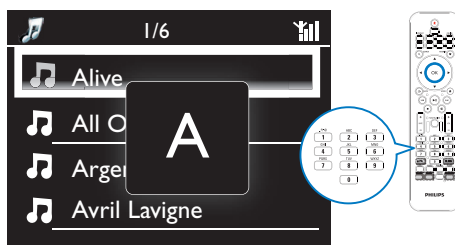
- When doing searching in the following ways, ensure that **MCi900** is in the mode of **[Media Library]**, **[HDD]**, or **[Internet Radio]**.

- 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).

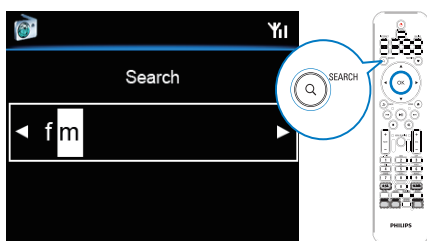
- On the button corresponding to the letter, press once or repeatedly until the letter appears.



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 17).
- 3 Press **OK** after completing text entry.
↳ Search starts.
↳ You can find a list of items that contain the characters.
↳ You can find a close match if there is no item that contains the character.

Quickjump

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

To reach the first item that starts with a certain letter

To reach the first item that starts with the next letter

- Press ▶.

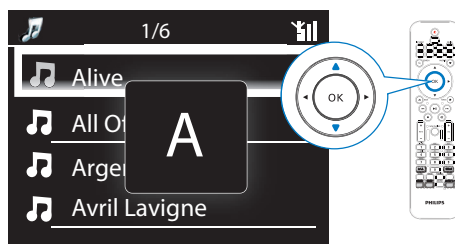
To reach the first item that starts with the previous letter

- 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.

8 Play music CD/ movie DVDs

! Caution

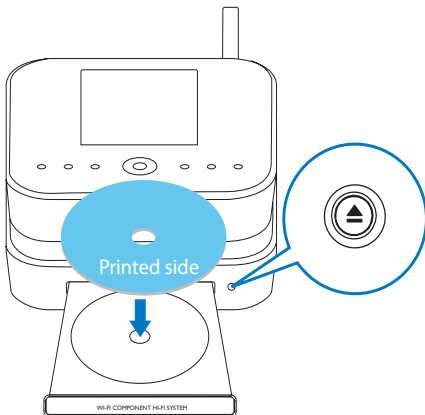
- Never look at the laser beam inside the unit.
- Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
- Never put any objects other than discs into the disc compartment.

≡ Note

- Ensure that you have made connections for disc play (see 'Connect for disc play' on page 24).
- For the supported disc formats, see 'Introduction' on page 9.

Basic operations

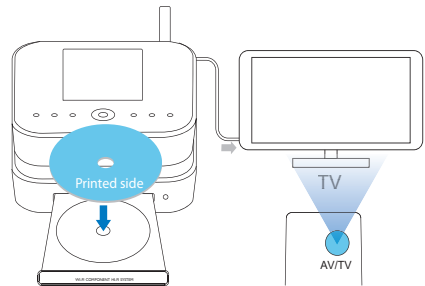
- 1 On MCI900, press ▲
↳ The disc tray opens.
- 2 Load a disc onto the tray, the printed side facing up. Press ▲
↳ Play starts automatically after disc reading is complete.



- 3 If necessary, press **DISC** on the remote control, and then, **▶||** to start play.
- 4 During disc play,
 - Press **◀◀▶▶** repeatedly to select a track/chapter. For WMA/MP3 files on a CD-R/RW, or recordable DVD, press **▲/▼** to select a file folder.
 - Press **◀▶** to search forward/backward.
 - Press **▶||** 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 MCI900, 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.



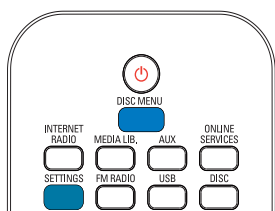
Tip

- 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 or exit 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

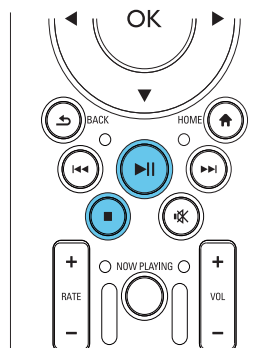
- During disc play, press **▶||** to pause.
↳ The TV screen shows the scenes where you stop play.
- Or, during DVD play, press **■**.
↳ The TV screen shows the Philips screen.

To resume

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

To stop

- Press **■** again.



Search

Fast search forward/backward

- During play, press and hold **◀▶** to select a search speed.
 - To resume play at normal speed, press **▶||**.

Search by time or chapter/track

- 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.

- 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.

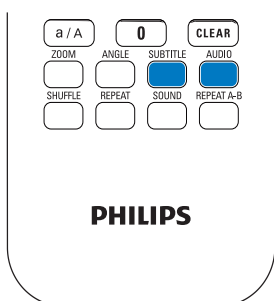
Select a subtitle language

You can select a subtitle language on DVDs.

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

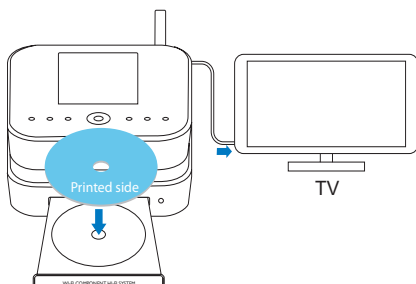
Note

- 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

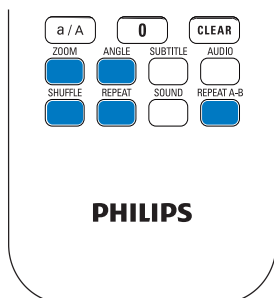
1 During video/picture play, press **ZOOM** repeatedly to zoom in/out the image.

- 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.



9 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 26).

Autostore

- 1 On MCi900, press **FM RADIO** on the remote control.
 - Or, from Home screen, select **[FM radio]**.
- 2 In **[FM radio]**, select **[Auto store]**.
 - ↳ MCi900 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]**.
 - On the radio play screen, press **FAVORITE**.
- 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 MCi900, 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 52).
 - **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.

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.

10 Play from an external audio device (AUX)

With the **AUX IN L / R** socket and **AUX** mode, MCI900 allows you to play an external audio device (e.g. a portable media player) through the speakers of MCI900.

Play from an external audio device

- 1 Ensure that the external audio device is properly connected to MCI900 (see 'Connect external audio devices' on page 26) .
- 2 On MCI900, 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 MCI900 (see 'Sound settings' on page 55).

11 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

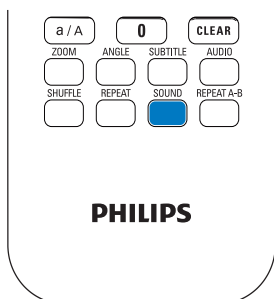
On MCi900, you can select different sound settings in **[Settings]** > **[Sound settings]**.

- 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 MCi900, including **[FullSound]** and **[Bass / Treble]**.

Thus, music plays in an original way, without the sound effects from MCi900.

- 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.

- 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 MCi900, you can adjust the brightness of the display. As desired, the display lights up, dims or turns off when MCi900 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**.

Wallpaper

For menus on MCi900, you can set the background display (wallpaper).

To set wallpaper

- 1 On MCi900, 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 MCi900, the screensaver is turned on when MCi900 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 MCi900, 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

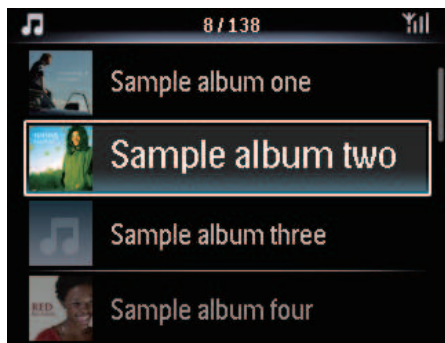
- 1 From Home screen, go to **[Settings]** > **[Slideshow settings]** > **[Time per slide]**.
 - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
- 2 In **[Time per slide]**, select the desired time duration.

Album art

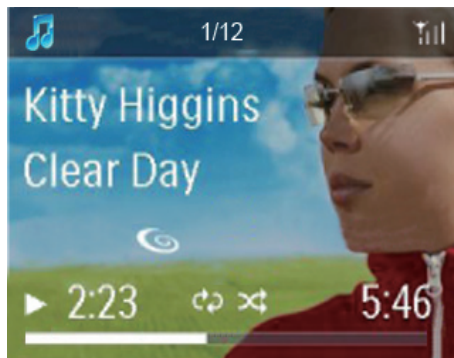
Album art (the picture of CD/album cover) is sometimes available for music downloads. With some media management software, album art can be inserted for the songs. By turning **[Album art]** on or off, you can choose whether to show the picture of CD/album cover for corresponding songs.

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

MCi900 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 58).
- 2 From Home screen, go to **[Settings]** > **[Clock settings]** > **[Alarm]**.
 - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
- 3 To set the source of alarm sound,
 - Select **[Music]**;
 - ↳ At the set alarm time, last played song starts/resumes, or you tune to the last played Internet 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 Internet radio station as the next alarm sound

- 1 Ensure that you have selected **[Music]** in the Step 3 above;
- 2 Before you turn off MCi900, or switch MCi900 to active standby,
 - Go to **[Media Library]**, and select and play the desired song;
 - Or, go to **[Internet Radio]**, and tune to the desired station.

Use the alarm

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

Note

- The alarm sounds even if you have switched MCi900 to active standby or Eco standby.
- The buzzer sounds instead, if MCi900 fails to connect to a music library or an Internet radio station.
- MCi900 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 MCi900 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

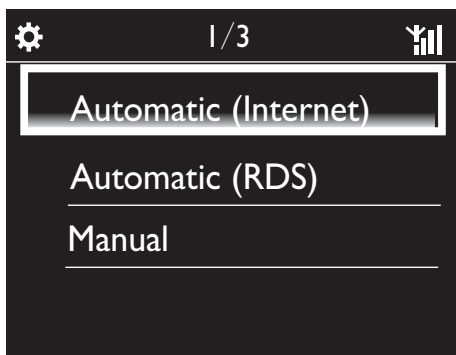
The date and time can be set automatically or manually.

Automatic setting

For automatic clock setting, use the online service over the Internet, or use the time signal from FM RDS radio.

Through the online service over the Internet

- 1 Turn on the unit, if necessary.
 - Ensure that the unit is connected to the home Wi-Fi/wired network and Internet.
- 2 From Home screen, select **[Settings]** > **[Clock settings]** > **[Date and time]**.
 - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
- 3 In **[Date and time]**, select **[Current date and time]** > **[Automatic (Internet)]**.
↳ The unit starts auto time setting over the Internet.
↳ A message appears when the setting is done.



Tip

- According to the location and time zone you select, the unit can have the clock time set and adjusted automatically through the online service over the Internet.
- To check and change current location and time zone, go to **[Settings]** > **[Location and time zone]**.

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 26).
- 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]**.
 - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
- 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.

Manual setting

- 1 Turn on the unit, if necessary.

- 2 From Home screen, select **[Settings]** > **[Clock settings]** > **[Date and time]**.
 - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
- 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.

Network settings

Setup network

After the first-time setup, you can change how **MCi900** connects to home Wi-Fi/wired network:

- Switch between different connection methods (wireless or wired, automatic or manual);
- Switch between different routers. To do so, do the following:

- 1 From Home screen, go to **[Settings]** > **[Network settings]** > **[Setup network]**.
 - Or, press **SETTINGS** on the remote control to enter **[Settings]**.
- 2 Connect **MCi900** as you did in the first-time setup (see 'Connect to home Wi-Fi/wired network' on page 29).

Device name

In **[Device name]**, you can name/rename your MCi900. On a connected UPnP server/client, the MCi900 can be found as named.

- 1 From Home screen, go to **[Settings]** > **[Network settings]** > **[Device name]**.
- 2 In **[Device name]**, press **◀▶** to select the entry location; press **▲/▼** repeatedly to select desired letters.

USB sharing

When you connect **MCi900** to home Wi-Fi/wired network, the HDD connected to **MCi900** can work as a shared disk of the network. Contents on the HDD can be played or shared on computers or UPnP devices that are also connected to the network.

- To permit or prohibit the sharing, go to **[Settings]** > **[Network settings]** > **[USB sharing]**. Press **OK** to turn on or off the sharing.

Location and time zone

After the first-time setup, you can change the selected location and time zone when moving to a new location or time zone.

According to the selected location and time zone, MCi900 can

- Set clock automatically over the Internet (see 'Date and time' on page 58);
- Pre-load preset Internet radio stations automatically.

Language

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

Device information

From the home screen, go to **[Settings]** > **[Device ID and information]**. You can learn about information about MCi900, including model number; name to be shown on a UPnP server/client, software version and network settings.

Check for software upgrades

On the MCi900, you can check for software upgrades. After you click to agree to the terms and conditions, the downloading and installation of new upgrades start automatically.

- 1 Ensure that MCi900 is connected to the Internet.
- 2 From Home screen, go to **[Settings]** > **[Check for software upgrades]**.

Demo mode

After the first-time setup, you can view the demo again.

- 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.

Call center numbers

If you need help with the usage of MCi900, go to **[Settings]** > **[Call centre numbers]** to check the number of your nearest call center.

Restore factory settings

You can restore MCI900 to factory settings. All your settings are removed, including the settings of network, 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.

12 Register MCi900 with Philips

Benefits

By registering MCi900 on www.philips.com/welcome, you can

- Get free software upgrades;
- Manage your own favorite radio stations;
- Receive Streamium newsletters.

Note

- Registration of MCi900 requires a valid email address.

Register MCi900

Use a valid email address as the account when you register MCi900 on www.philips.com/welcome.

You can complete the registration directly on www.philips.com/welcome. Or, use an email address to register on the device, and then, complete the registration through the web site link that you received in the email.

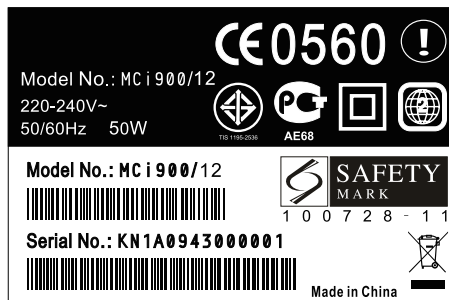
Register on the web site

To register MCi900 directly on www.philips.com/welcome, you need to fill in the following information as prompted during registration:

- A valid email address as the registration account;
- Product model number;
- Product registration ID.

To get the product model number

- Look at the packaging box of the device or the product label. You can always find the model number on the packaging box or product label (e.g. MCi900, NP2900).



To get the product registration ID

- On MCi900, go to [Settings] > [Device ID and information]. Press ▼ repeatedly to find [Product Registration ID].

Register on the device

Use an email address to register on the device, and then, complete the registration through the web site link that you received in the email.

- 1 Ensure that MCi900 is connected to the Internet.
- 2 To register with www.philips.com/welcome,
 - On MCi900, select [Settings] > [User registration] > [Register now] > [Register on the device];
 - As prompted, enter your valid email address (see 'Text entry' on page 17).
 - ↳ You receive an email message from ConsumerCare@Philips.com.
 - On a computer, use the web site link in the email to complete registration.



Tip

- To log in to Philips online services later, use the web site link in the email, and the password.

Unregister MCi900

When registering with www.philips.com/welcome, you can only use one account for one unit (e.g. MCi900). For each account, you can maintain a set of favorite stations and manually added stations.

To use another account for registration, you need to unregister current one.

To unregister an account

- 1 On MCi900, select **[Settings]** > **[User registration]** > **[Unregister]**.
- 2 As prompted, confirm to start unregistering the account.



Tip

- When re-registering the account, you can recover the Internet radio stations that you maintained with Philips online services.

Check registration information

You can check whether you have registered the MCi900, and what account you have used for registration. To check the information, go to **[Settings]** > **[User registration]** > **[Registration status]**.

13 Maintenance

This chapter tells you how to care for MCi900.

Cleaning



Note

- Avoid moisture and abrasion.

- 1 Clean MCi900 only with a soft dry cloth.

14 Technical data

General

AC Power (Main unit)

230V $\pm 10\%$, 50Hz (for /12, /05 /79)

120V $\pm 10\%$, 60Hz (for /37)

DC Power (DVD unit)

DIN connector (Output provided by Main unit)

DC Power (HDD 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

HDD unit: 122 x 75 x 13mm

Speaker box: 175 x 202 x 354mm

Weight (net)

12.50kg (all items)



Note

- ¹ Use HDD only with the by-packed USB wire.

Power consumption

Active (On)

< 45W (according to IEC60065)

(Active) Standby

< 13W (HDD-spun down)

ECO (Passive) Standby

< 0.8W

Audio inputs

Aux in (Line in)

2x Cinch

Input sensitivity

0.5V: Position High

1.0V: Position Medium

2.0V: Position Low

Input impedance

> 10k Ω (Ohms)

Audio outputs

Headphones

1 x 3.5mm jack, 30 – 18000Hz, 16 – 150 Ω (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 × 50W (RMS) (= total power 100W)
Frequency response
20Hz to 20000Hz (±0.5dB)
Signal to noise ratio
typically 92dB/ 95dBA

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)

Wireless

Wireless standard
802.11n, backwards compatible to 802.11b/ g
Wireless security
WEP (64 or 128 bit), WPA / WPA2 (8-63 characters)
Frequency range
2412 - 2462 MHz (CH1-CH11) (for /79, /37, /55, /97)
2412 - 2472 MHz (CH1-CH13) (for /12, /05)
Antenna
1 × internal / 1 × external, diversity mode enabled
Wireless protected setup (WPS)
Yes (PBC + PIN)
Network mode support
Infrastructure

Wired (LAN / Ethernet)

Wired standard
802.3 / 802.3 u
Speed
10 / 100MBit/s
Mode
half / full duplex
Crossover detection (Auto MDIX)
Yes

 **Note**

- The wired and wireless network interfaces cannot be turned on at the same time.

Internet services

Internet radio

My Media

Decoding capabilities (excluding the disc player)

MP3

8 - 320kbps (CBR / VBR)

WMA

32 - 192kbps (CBR / VBR)

WMT DRM - ND (WMA DRM - 10)

Yes, enabled (only from a UPnP server)

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

iTunes

Yes (via by-packed UPnP Server)

FM Tuner

Frequency range

87.50 to 108.00MHz

No. of Presets

60

Signal noise ratio

≥ 62dB

Tuning grid

50kHz

RDS

Yes, 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)

RDS

Yes; PTY, PS, Text including RDS clock setting

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

HDD

Disc type
2.5 inches
Size
160GB ³
Format
FAT32

 Note

- ³Available disc size is less due to preloaded contents.

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 Internet (NTP)
Yes, enabled
Sleep timer
Yes
Internal (key) clicker
Yes

Others

UPnP ²
DMP (Local renderer, Local control point) /DMS
Shared drive
Yes, Samba share

 Note

- ² Capable to connect to
 - Windows Media Player 11/12, Winamp, TwonkyMedia;
 - Philips Music Center WAC3500 / WAC7500 / MCI500H;
 - Philips NAS SPD8020CC;
 - Mobile phone Nokia N85, N95,N900.
- Specifications and external appearance are subject to changes without notice.

15 Troubleshooting

I cannot hear any sound or the sound is poor, what do I do?

- Press + **VOL -** to increase the volume.
- Press the **MUTE** button again to reactivate the sound output.

Is there a maximum distance of transmission between a wireless router and MCi900 for effective streaming?

Yes. The maximum distance of Wi-Fi transmission is 250m measured in open spaces. However, in a home environment, where solid obstacles such as walls and doors are present, the effective transmission distance is reduced to 50-100m. Reposition the devices if you experience transmission problems.

I have not received any registration email from ConsumerCare@Philips.com.

- Check that the email address that is entered in the user registration section is valid and spelled correctly.
- Check that the PC has an active Internet connection.
- The Internet server may be busy, try again later.
- Check if the email was redirected to the spam folder.

How do I avoid Wi-Fi interferences from other devices that operate in the same (2.4GHz) frequency spectrum, such as Dect phones or bluetooth devices?

- Move MCi900 at least 3m away from such devices.
- Use a WEP/WPA encryption key when you create the wireless connection your PC / home network.
- Change the operating channel on the interfering devices.
- Turn the devices in different directions to minimize interference.

16 Contact information

Argentina	(54-11) 4544-2047
Australia	1300 363 391
Austria	0810 000 205
Belgium	78250145
Belarus	882000110068
Brazil	0800 701 02 03 (all except Sao Paulo)(11) 2121-0203 (Sao Paulo only)
Bulgaria	8001154424
Canada	1-888-744-5477
Chile	600 744 5477 (600-PHILIPS)
China	4008 800 008
Colombia	01 800 700 7445
Croatia	800222778
Czech Republic	800142840
Denmark	35258759
Estonia	8000100288
Finland	923113415
France	805025510
Germany	8000007520
Greece	80031221280
Hong Kong	852-2619 9663
Hungary	680018189
India	1860-180-1111
Ireland	16011777
Israel	9600900-09
Italy	800088774
Japan	0570-07-6666
Korea	080-600-6600
Latvia	80002794
Luxembourg	4066615644
Malaysia	1800 880 180
Mexico	01 800 504 6200
Netherlands	8000230076
New Zealand	0800 658 224

Norway	22708111
Pakistan	051 580 902-3
Peru	0800 00100
Philippines	(63 2) 667 9000
Poland	8003111318
Portugal	800780903
Romania	800894910
Russia Federation	(495)961-1111 (local rate)8-800-200-0880 (mobile phone - free)
Singapore	65 6882 3999
Slovakia	800004537
South Africa	(011) 471-5194
Spain	900800655
Sweden	857929100
Switzerland	844800544
Taiwan	0800 231 099
Thailand	66 2 652 8652
Turkey	0800 261 3302
Ukraine	8-800-500-69-70
United Kingdom	8003316015
United States	1-888-744-5477
Uruguay	(598-2) 619 6666
Venezuela	0800 100 4888

Streamium terms and conditions

Terms and Conditions of Use of your Philips Streamium-enabled Device

Congratulations on your purchase of a Philips Streamium-enabled Device ("Device"). These Terms and Conditions of Use give you the rights to use certain features on your Device relating to the streaming of content. You must agree to these Terms and Conditions of Use before using the Device. Your use of the Device constitutes your agreement to be bound by these Terms and Conditions of Use and will give you the right to access these features. If you do not agree to these Terms and Conditions of Use, you may return your Device to the point of purchase. These Terms and Conditions of Use supplement, and do not replace, any terms, conditions or disclaimers which were provided with your purchase of the Device. All such terms, conditions and disclaimers remain in full force and effect.

Eligibility for Registration.

You must be at least 14 years of age to assume the responsibilities of these Terms and Conditions of Use. If you are under 14 years of age, you may not use the Device unless one of your parents or legal guardians assumes the responsibilities of these Terms and Conditions of Use. Your use of the Device constitutes your representation that you are either 14 years of age or, if you are under 14 years of age, that your parent or legal guardian has assumed the responsibilities of these Terms and Conditions of Use.

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Your Device provides access to certain streams of content. As a condition of obtaining access to those streams through the Device, you agree not to tamper with or otherwise modify or attempt to modify the Device in any way (including through the use of software or by making physical alterations to the Device). You agree that you will not circumvent or attempt to circumvent technological measures employed to control access to, or the rights in, any content. You agree that you will not circumvent or attempt to circumvent any copy management system by any means. You agree that you will not decipher or attempt to decipher cryptographic keys or otherwise defeat or attempt to defeat any security features implemented in the Device or in the content streams. You agree that you will not use the Device for any unauthorized purpose or in contravention of any law or regulation.

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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uClibc r0.9 <<http://www.uclibc.org/>>, , licensed under LGPL V2,

LGPL V2

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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The reason we have a separate public license for some libraries is that

they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
```

That's all there is to it!

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