# www.philips.com/welcome

## **Stream**ium

MCi900/12



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HK-1008-MCi900

(Report No. / Numéro du Rapport)



2010

(Year in which the CE mark is affixed / Année au cours de laquelle le marquage CE a été apposé)

## **EC DECLARATION OF CONFORMITY**

(DECLARATION DE CONFORMITE CE)

#### We / Nous, PHILIPS CONSUMER LIFESTYLE B.V.

(Name / Nom de l'entreprise)

## THESENDIEDEN A GOOG AD DRACHTEN THE NETHEDLANDS

Declare under	our responsibility that the ele	ectrical product(s):
Philips (brand name, nom de Wi-Fi Compor	nent Hi-Fi System	MCi900/12, /05 (Type version or model, référence ou modèle)
	description du produit)	
To which to	this declaration relates is in odeclaration se rapporte, est conforme au	conformity with the following harmonized standards: ux normes harmonisées suivantes)
	(title, number and date of iss	sue of the standard / titre, numéro et date de parution de la norme)
	EN62311 : 2008 EN55020 : 2007 EN55022 : 2006 + A1:2 EN301489-1 V1.8.1. : 2 EN300328 V1.7.1 : 200	2008 EN301489-17 V1.3.2. : 2008
	the provisions of : nt aux exigences essentielles et autres of 1999/5/EC (R&TTE I	Directive)
	2004/108/EC (EMC I 2009/125/EC (ErP Di	Directive) irective) – EC/1275/2008
Permanen	nt Documents	eme at least in conformity with ISO 9001 or CENELEC ins conforme à la norme ISO 9001 ou aux Documents Permanents CENELEC)
The Notifie (L'Organisme N	lotifié) (Name and number/ nom e	description de l'intervention)
And issued (et a délivré le d		nber / numéro du certificat)
Remarks: (Remarques:)		
(Remarques:)	ruary 24, 2010	Frank Dethier  Development Manager, Innovation Lab Leven  Frank Dethier

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# 1 Important

## Safety

Information for Europe:

Know these safety symbols







The 'exclamation mark' calls attention to features for which you should carefully read the supplied literature to prevent operating and maintenance problems.

The 'lightening bolt' symbol indicates uninsulated components within the product that can cause an electric shock.

To reduce the risk of fire or electric shock, do not expose the product to rain or moisture and do not place any ojects filled with liquids, such as vases, on the product.

- 1 Read these instructions.
- 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.

- 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.
- ① Do not install near any heat sources such as radiators, heat registers, stoves, or other electrical equipment (including amplifiers).
- Do not place any other electrical equipment on the product.
- ① Do not place any sources of danger on the product (e.g. objects containing liquids, burning candles).
- This product may include batteries. Please refer to safety and disposal instructions for batteries in this user manual.
- 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.

(	(	)5	6(	<b>)</b> (	!)	R&1	TE	Dire	ecti	ve I	999	/5/E	С
BG	/	RO	/	BE	/	LT	1	LI	/	IS	/	SE	1
DK	/	ES	<b>/</b>	CZ	/	NL	/	ΑT	/	LV	/	SK	1
FR	/	UK	/	FI	/	РТ	/	CY	<	МТ	/	PL	/
HU	/	NO	/	GR	/	SI	/	EE	<				
IT	/	LU	<b>√</b>	ΙE	<b>√</b>	СН	/	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



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ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.



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## 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,



#### ip

 \*Online services are available in some countries only.

## The DVD player on MCi900 supports these disc formats:











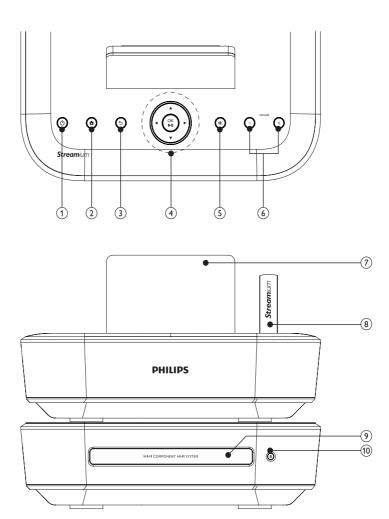
## What's in the box

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)
- Ouick Start Guide

## Overview

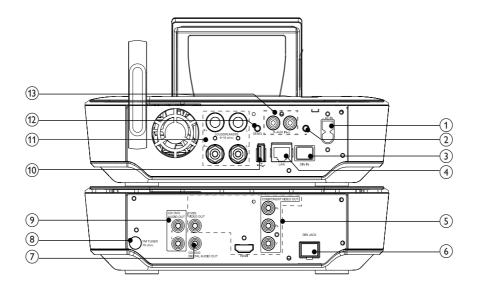
## Top and front view



1.	Ф
	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.	<b>6</b>
	Return to Home screen (main
	menu).
3.	<b>5</b>
	Go back to the previous screen.
4.	<b>▲</b> / ▼/ <b>√</b> /▶
	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 <b>FM RADIO</b> mode:
	Press and hold to start the auto
	tuning to the next available
	station;
	Press repeatedly for fine tuning.
	In <b>DISC/HDD</b> mode:
	Select an album (for MP3/WMA
	CDs).
	OK/►II
	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	
10.	=
10.	Open or close the disc

## Rear view

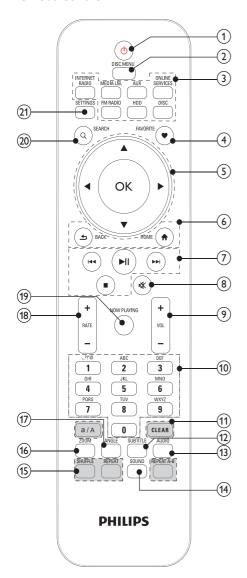


see 'Connect' on page 24

1.	~ AC IN
	for AC power cord
2.	n
	3.5 mm headphone jack
3.	DIN IN
<u>J.</u>	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
	. ` '
	CVBS VIDEO OUT  Video output jacks for the disc play
	CVBS VIDEO OUT  Video output jacks for the disc play for the supplied composite audio/
	CVBS VIDEO OUT  Video output jacks for the disc play for the supplied composite audio/ video cable that connects the disc
	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.	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  DIN JACK
6.	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  DIN JACK socket for the connection
6.	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  DIN JACK socket for the connection between the main unit and CD/
	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit
6.	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO
	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT
	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for
	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for the disc play through an external
7.	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for the disc play through an external speaker system
	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for the disc play through an external speaker system  FM TUNER
7.	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for the disc play through an external speaker system  FM TUNER  for the supplied FM antenna
7.	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for the disc play through an external speaker system  FM TUNER for the supplied FM antenna  CD/DVD AUDIO OUT
7.	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for the disc play through an external speaker system  FM TUNER  for the supplied FM antenna  CD/DVD AUDIO OUT  Analog audio output sockets for
7.	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  DIN JACK  socket for the connection between the main unit and CD/ DVD unit  CD/DVD DIGITAL AUDIO OUT  Digital audio output socket for the disc play through an external speaker system  FM TUNER for the supplied FM antenna  CD/DVD AUDIO OUT

10.	4
	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



1.	(h
	Press to turn on the unit:
	To turn off, press to switch to
	active standby; or, press and hold
	to switch to Eco standby.
	Exit Demo mode.
2.	DISC MENU
	In <b>DISC</b> mode:
	Enter or exit the disc menu.
3.	Source selector
	Select a media source:
	<b>INTERNET RADIO</b> : 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.
4.	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.
5.	<b>▲/▼/∢/</b> ▶
	Navigation buttons
	Press to navigate through menus.

	<b>▲</b> /▼
	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 <b>DISC</b> mode:
	Select an album (for MP3/WMA
	CDs).
	<b>√/</b> ▶
	In <b>FM RADIO</b> mode:
	Press and hold to start the auto
	tuning to the next available
	station;
	Press repeatedly for fine tuning.
	OK
	Confirm selection.
	♠
	HOME: Return to Home screen
	(main menu).
	<b></b>
	BACK: Go back to previous
	screen.
	◀◀/▶▶
	Search buttons on the play
	screen
	In MEDIA LIB./HDD/DISC
	mode:
	Press to skip to the previous/
	next chapter/track;
	►II
	Start/pause/resume play;
	In <b>MEDIA LIB./HDD</b> mode:
	Start to play the entire file
	folder(SuperPlay™).
	Stop play;
	Exit Demo mode.
i	₩

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 <b>FM RADIO</b> mode, press in
	the list of presets to start editing
	station name.
12.	SUBTITLE
	In <b>DISC</b> 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
1.1	DVD and DivX discs only).
14.	SOUND
	Select sound settings.

15.	REPEAT A-B	
	In <b>DISC</b> mode: Repeat a specific	
	section within a track/disc.	
	REPEAT	
	Toggle through repeat play	
	options.	
	SHUFFLE	
	Activate/deactivate random	
	order play.	
16.	ZOOM	
	In <b>DISC</b> mode: Zoom in/out (for	
	video discs and picture files on	
	CDs).	
17.	ANGLE	
	In <b>DISC</b> mode: Select a camera	
	angle (for video discs and picture	
	files on CDs).	
18.	+RATE —	
	In <b>ONLINE SERVICES</b> 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:

- On the remote control, press the Source selector, or use the Navigation buttons 🔺  $/\nabla/4/\triangleright$  and **OK**.
- To move to the next page, press repeatedly until you reach the end of the page.
- To go back to previous screen, press 🍮 BACK.
- To return to Home screen, press 📤 HOME.





• \*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 **5** and then, use the Navigation buttons.
- To return to Play screen, press NOW PLAYING



#### Text entry

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

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

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

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



Other L abc	ABC
1.,?!'@- _:;/"#\$%& ( )*+<=>[\]^`{ }~	1.,?!'@- _:;/"#\$%& ( )*+<=>[\]^`{ }~
abc2àáâããåæ	ABC2ÀÁÅÄÄÄÄÆ
def3èéêĕ	DEF3ÈÉË
ghi4ìíîï	GHI4ÌÍĨĬ
jkl5	JKL5
mno6ñòóôőöø	MNO6ÑÒÓÔÕÖ
pqrs7ß	PQRS7ß
tuv8ùúûü	TUV8ÙÚÛÜ
wxyz9	WXYZ9
_0	_0

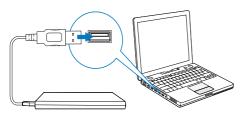


 For languages other than English, letters that an alphanumeric button corresponds to may vary.

Русский			
абв	АБВ		
1.,?!'@- _:;/"#\$%& ( )*+<=>[\]^`{ }	1.,?!'@- _;;/"#\$%& ( )*+<=>[\]^`{ }~		
абвг2аbс	АБВГ2АВС		
дежз3def	ДЕЖ33DEF		
ийкл4ghi	ИЙКЛ4GHI		
мноп5jkl	MHOП5JKL		
рсту6тпо	РСТУ6МNО		
фхцч7pqrs	ФХЦЧ7PQRS		
шщъы8tuv	ШЩЪЫ8TUV		
ьэюя9wxyz	ЬЭЮЯ9WXYZ		
_0	_0		

## 3 Prepare

# Connect the HDD to a computer



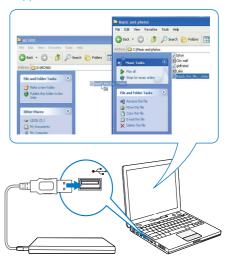
The supplied hard disk drive (HDD) contains the PC/Mac software for MCi900 (Media Browser/TwonkyMedia Server), video tutorial, User Manual, and other information about MCi900 that may be helpful to you.

- 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

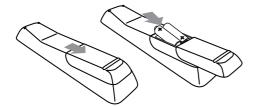
- Copy media files to the HDD, regardless of the folder structure.
- The music/picture file transfer may take you some time. You may proceed to next steps when transferring music/picture files to the HDD.

## Install batteries into the remote control

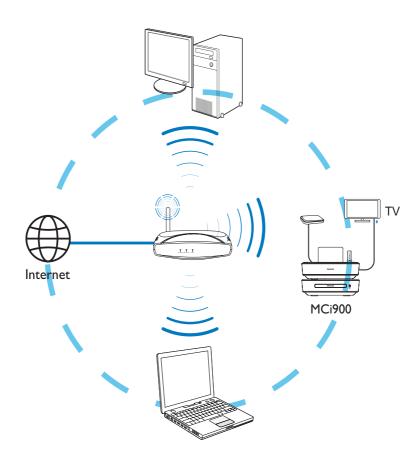


#### Caution

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



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

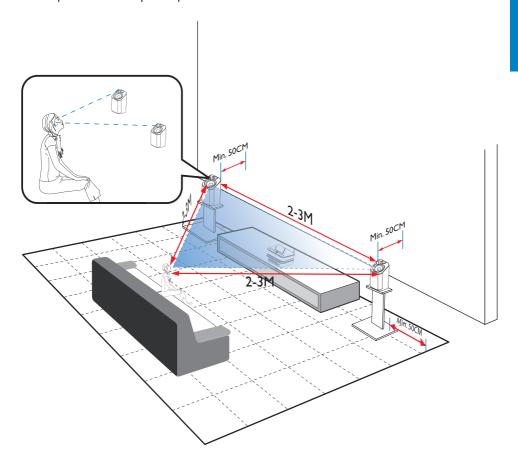
## Place the Soundsphere speakers

#### 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.



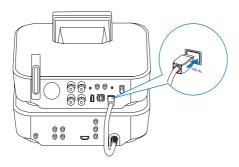
#### Tip

- 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.

## Connect

## Connect the main unit and CD/DVD unit

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



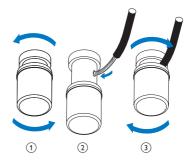
## Connect speakers



#### Note

- · Always connect the speakers before you connect 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,

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



## Connect for disc play

For disc play, make audio/video connections.

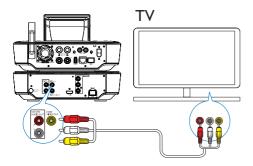
#### Connect a TV

On 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).

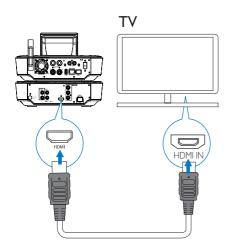
#### Using the CVBS jack



 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.

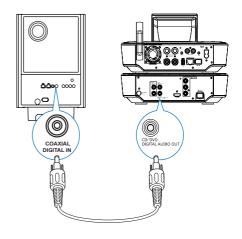


 As a compact audio/video interface, HDMI transmits uncompressed digital data. With the HDMI connection, high-definition video/audio contents can present optimum video and audio quality on a HDTV.

#### 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.

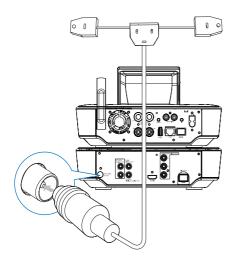




#### Note

 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





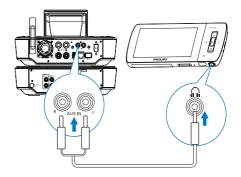
#### Note

- 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.



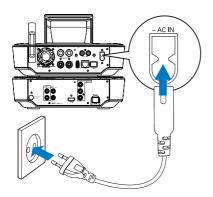
## Turn on/off

#### 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

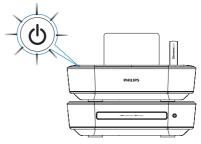
- 1 Press  $\circ$  or a source selector to turn on the unit.
- 2 To turn off the unit.
  - Press  $\circ$  to switch to active standby;
  - Or, press and hold of to switch to Eco standby (energy-saving mode).

#### 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,

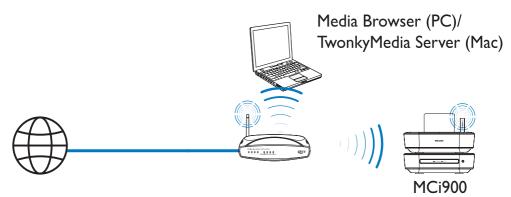
- Select the desired language on the screen as prompted.
- To learn major functions on MCi900,
  - Select [Yes, show me the demo], when asked whether to view demo;
  - If necessary, press +VOL—to adjust the volume;
  - To exit the demo play, press  $\circ$ .
    - → The unit is switched to Eco standby.
    - → Press ७ again to turn on MCi900, and restart the setup.

#### To proceed to network setup,

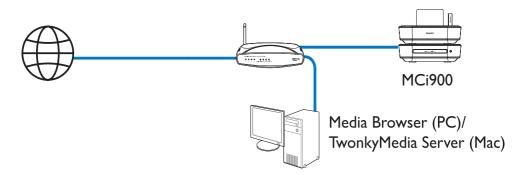
- Select [No], when asked whether to view demo.
- Select your location and time zone from the list as prompted.
- Select [Yes], when asked whether to set up network connection.

# 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.

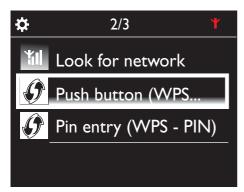
You can select one of the two setup methods: PBC (Push Button Configuration), or PIN (Personal Identification Number).



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

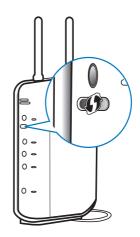
#### Turn on WPS-PBC on MCi900

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



#### Add MCi900on the router

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



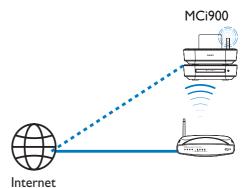


#### Tip

- 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.

#### Connect to the Internet

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





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

# Wireless connection: Enter encryption key manually



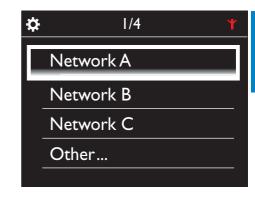




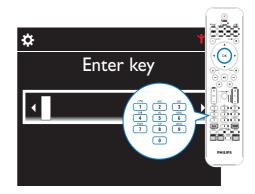


- Before you start the network setup, have the encryption key to your router ready.
- 1 Select [Yes], when asked whether to set up network connection (see 'First-time setup' on page 28).
- 2 Select [Wireless (WiFi)] > [Look for network].
  - → The unit starts to search for wireless networks.
  - → A 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.







· 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 reconnecting.

## Wireless connection: Enter IP address manually



#### Stop getting Auto IP

- 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.

MCi900

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



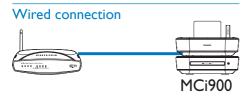
- Press 

  repeatedly to select the entry location:
- To enter the desired digits, use the alphanumeric buttons on the remote control; or press \(^\neq\) repeatedly.



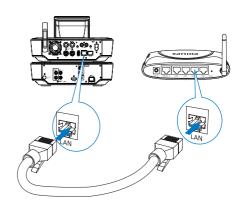
#### Note

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



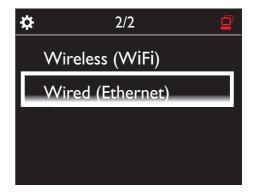
## Connect to the router by using the Ethernet cable

- 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.

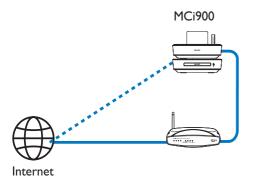




 The router may fail to assign an IP address, if the DHCP (Dynamic Host Configuration Protocol) is unavailable or disabled on the router. You may need to enter the IP address manually, or press BACK to start reconnecting.

#### Connect to the Internet

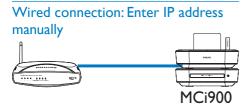
- Connect to the Internet as prompted.
  - → You enter Home screen after the firsttime setup is complete.





#### Note

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



#### Stop getting Auto IP

- 1 Use an Ethernet cable to connect the unit to the router.
- 2 On the unit, select [Wired (Ethernet)].
- 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.



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

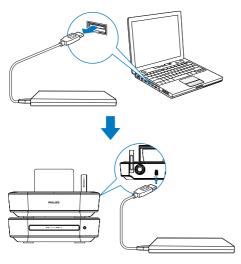
# 7 Play from home Wi-Fi/wired network

# 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.





 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.

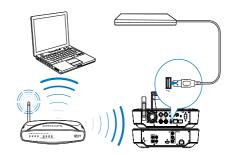
#### Library on the HDD

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

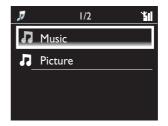
- by using a USB cable that connects the HDD to the computer;
- or, through the home Wi-Fi/wired network.

## 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:

- 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:

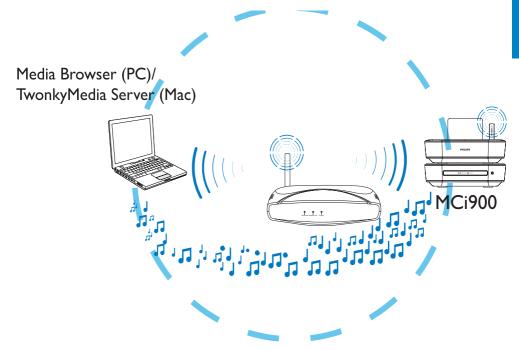
Organize files in different folders as desired. The folders are sorted in an alphabetical order.

# 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 ►II to start play.
  - Play starts from the beginning of the album, if you press ►II on an album.
  - Play screen appears when play starts (see 'Play screen' on page 17).
- 5 To stop play, press

# Stream from a UPnP server



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.



 \*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

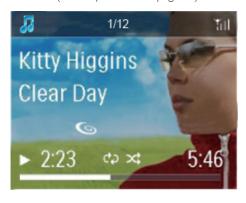
On the computers (UPnP servers), the supplied software Media Browser or TwonkyMedia Server can access music libraries that are organized by different media management software, including Windows Media Player 11 and iTunes.

**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 ►II to start play.
  - Play starts from the beginning of the album, if you press ►II on an album.
  - Play screen appears when play starts (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].
- To find and play the favorite songs, press HOMEon 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 **\rightarrow** to move to previous/next picture;
- Press II 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 ①:
  - Press HOME.



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

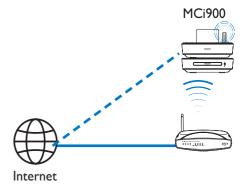
# Play Internet radio stations

To play Internet radio stations, ensure that

 MCi900 is connected to the Internet over the home Wi-Fi/wired network.



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



# Tune to Internet radio stations

- Ensure that MCi900 is connected to the Internet
- 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).
- 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).
- 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]

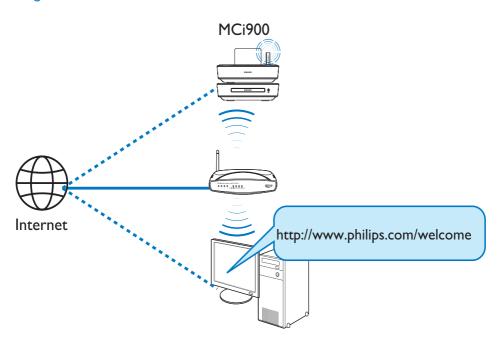
- On a list of stations, select the desired station. Press FAVORITE on the remote control.
- Or, play the desired station. On the play screen, press FAVORITE on the remote control.
  - → A message appears, indicating that the station is added to [Favorite stations].

# 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



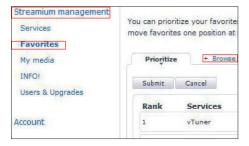
By registering MCi900 on www.philips.com/ welcome (see 'Register MCi900 with Philips' on page 62), you can log in to Club Philips. On Club Philips, you can do the following to manage the Internet Radio on a computer:

- 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.



- 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.

- On a computer, log in to Club Philips (see 'Register MCi900 with Philips' on page 62).
- To add a station, click [Streamium management] > [My media] > [Music].



- 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 medial;
  - 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.



• 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.



#### ip

 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 ►II.
- 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.

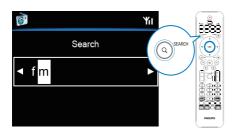


 Alphanumeric search, Superscroll and Quickjump are available only when you enter a long sorted list of options (excluding the home screen and lists of menus).

# Alphanumeric search

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

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



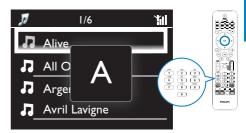
- 2 Enter characters by using the remote control (see 'Text entry' on page 17).
- **3** Press **OK** after completing text entry.
  - → Search starts
  - → You can find a list of items that contain the characters.
  - → You can find a close match if there is no item that contains the character.

# Quickjump

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

To reach the first item that starts with a certain letter

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



To reach the first item that starts with the next letter

Press >.

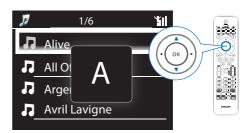
To reach the first item that starts with the previous letter

Press ◀.

# Superscroll

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

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



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

# 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.

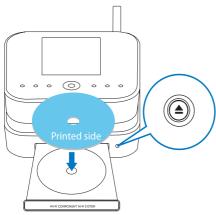


#### Note

- 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**

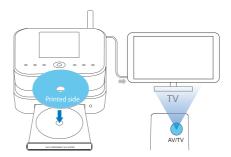
- 1 On MCi900, press ▲.
  - ightharpoonup The disc tray opens.
- 2 Load a disc onto the tray, the printed side facing up. Press ≜.
  - → Play starts automatically after disc reading is complete.



- If necessary, press DISC on the remote control, and then, ►II to start play.
- 4 During disc play,
  - Press I◀✓I►► repeatedly to select a track/chapter. For WMA/MP3 files on a CD-R/RW, or recordable DVD, press ▲/▼ to select a file folder.
  - Press 
     backward,
  - Press ►II to pause or resume.
  - Press to stop.

# Use the disc menu

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



- 1 On 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.

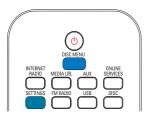


 The video-in channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO etc. See the TV user manual on how to select the correct input on the TV.

# 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

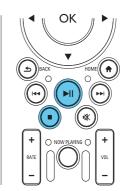
- During disc play, press 🔰 to pause.
  - → The TV screen shows the scenes where you stop play.
- Or, during DVD play, press
  - → The TV screen shows the Philips screen

#### To resume

- Press ►II.
  - → The disc play resumes from the last stop point.

#### To stop

Press again.



# Search

## Fast search forward/backward

- 1 During play, press and hold ◆► to select a search speed.
  - To resume play at normal speed, press ►II.

# Search by time or chapter/track

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

# Select languages for disc play

# Select an audio language

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

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



• 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.



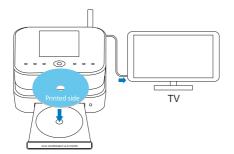
#### Note

 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.



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

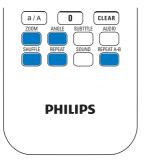
# Zoom in/out image 1 During video/nictur

- 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.

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



# 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

- On MCi900, press FM RADIO on the remote control.
  - Or, from Home screen, select [FM radio].
- 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.
- To select a preset station, go to [Presets].

# Manual tuning

- In [FM radio], select [Manual tuning].
- Press and hold **\rightarrow** to start auto tuning.
  - → You tune to the next available station with sufficient reception.
- 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.
- Tune to your desired station.
- 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

- In the FM RADIO mode, go to [Presets].
  - On the radio play screen, press FAVORITE.
- In the list of preset stations,
  - Select the station to be edited:
    - Press a/A to start editing;
    - Press **\ldot** 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

- On MCi900, press FM RADIO on the remote control.
  - Or, from Home screen, select [FM radio].
- 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 SETTINGSon the remote control.
- 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.
- 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.
- 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;
  - → �-1 Play current song repeatedly;
  - → <del>-</del> 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.

- From Home screen, go to [Settings] > [Sound settings] > [Bass / Treble].
  - Or, press SOUND on the remote control to enter the menu of sound settings.
- 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].



- 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.

- Press Prepeatedly 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.
- 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.
- 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]

- 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 \( \lambda / \nll, \) or press \( \lambda \) ✓ 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 **A** appears on the screen.

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

- Ensure that you have selected [Music] in the Step 3 above;
- 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 **७**.
  - → 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

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

# Date and time

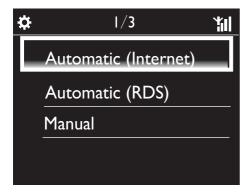
The date and time can be set automatically or manually.

# 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

- Turn on the unit, if necessary.
  - Ensure that the unit is connected to the home Wi-Fi/wired network and Internet.
- 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



# **\*** Ti

- 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).
- On the first location for preset stations, store an FM RDS station that transmits time signals.
- 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**].
- 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".
- 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** connectsto 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 firsttime 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  $\circ$ .
  - → 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.

- 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.



· 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

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



· 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 ±10%, 50Hz (for /12, /05 /79) 120V ±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)<sup>1</sup>

## **Dimensions**

Main unit:  $251 \times 251 \times 133$ mm (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

• '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

 $> 10k\Omega$  (Ohms)

# Audio outputs

# Headphones

 $1 \times 3.5$ mm jack, 30 - 18000Hz, 16 - 150 $\Omega$  (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

 $2 \times 50W$  (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 x internal / 1 x 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

**IPEG** 

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<sup>3</sup>

#### **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

# Automatic time setting via Internet (NTP)

# Yes, enabled Sleep timer

Yes

# Internal (key) clicker

Yes

#### Others

## UPnP<sup>2</sup>

DMP (Local renderer, Local control point) /DMS

## Shared drive

Yes. Samba share



# Note

- <sup>2</sup> 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

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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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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.

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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.

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