Micro Hi-Fi System

MCM239D

Register your product and get support at
www.philips.com/welcome

User manual
Manuel d'utilisation
Manual de usuario
Benutzerhandbuch
Gebruikershandleiding
Manuale dell'utente
Användarhandbok
Brugervejledning

PHILIPS

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1 Remove fuse cover and fuse.

2 Fix new fuse which should be a BS1362 3 Amp, A.S.T.A. or BSI approved type.

3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 3 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 3 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

● As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:
– Connect the blue wire to the terminal marked N or coloured black.
– Connect the brown wire to the terminal marked L or coloured red.
– Do not connect either wire to the earth terminal in the plug, marked E (or ⏚) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio MCM239D Philips risponde alle prescrizioni dell'art. 2 comma 1 del D.M. 28 Agosto 1995 n. 548.
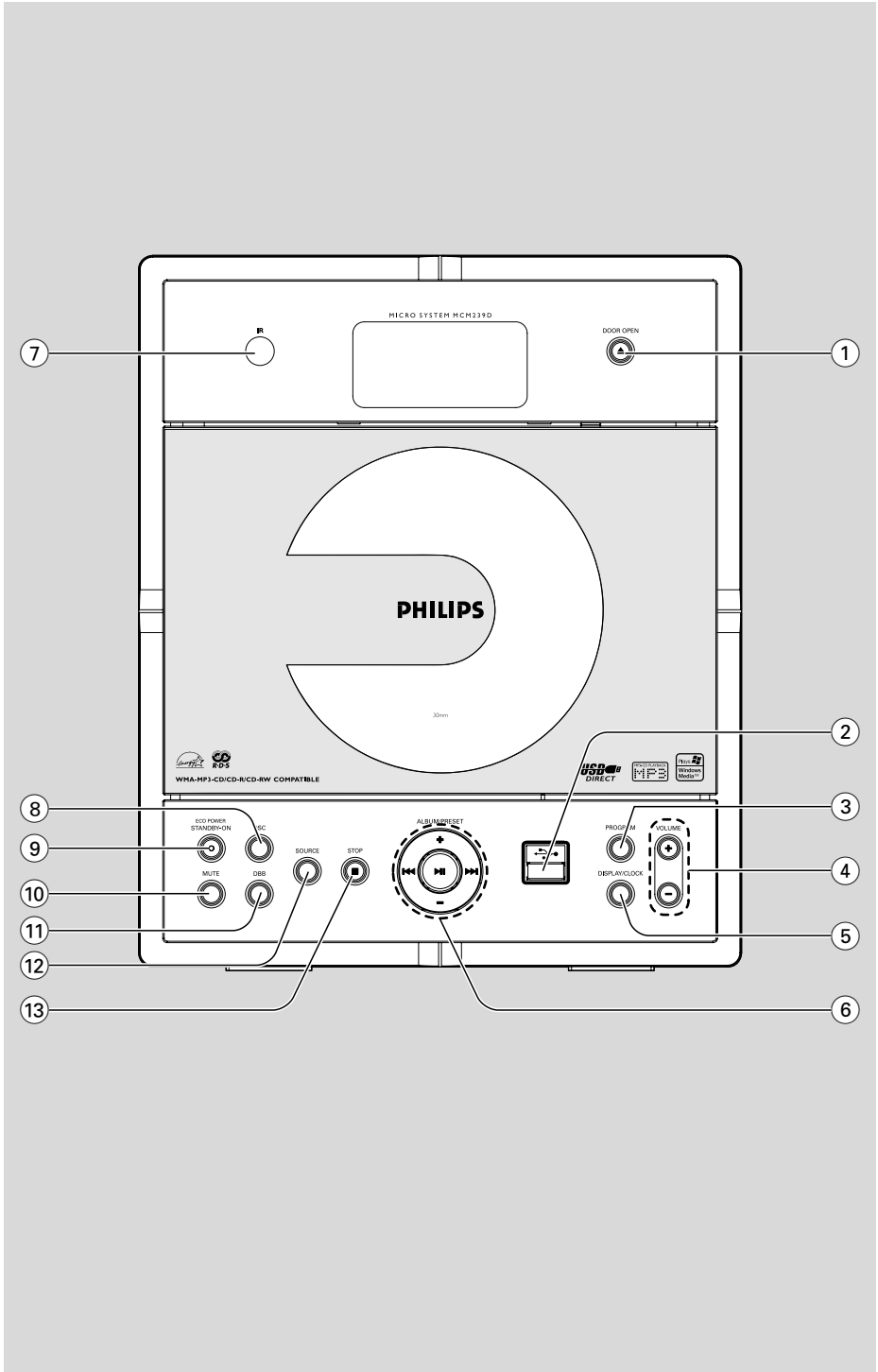
Fatto a Eindhoven

Philips Consumer Electronics
Philips, Glaslaan 2
5616 JB Eindhoven, The Netherlands

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

⑦

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⑪

⑫

⑬

MICRO SYSTEM MCM239D

IR

DOOR OPEN
▲

PHILIPS

30mm

WMA-MP3-CD/CD-R/CD-RW COMPATIBLE

USB
DIRECT

MP3

Windows Media™

ECO POWER
STANDBY•ON

DISC

MUTE

DBB

SOURCE

STOP
■

ALBUM/PRESET
+

◄◄   ►II   ►►I
−

PROGRAM

DISPLAY/CLOCK

VOLUME
+

−

①

②

③

④

⑤

⑥

DK

Advarsel: Usynlig laserstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

Bemærk: Netafbryderen er sekundært indkoblet og ofbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

S

Klass 1 laseraparat
Varning! Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

Observera! Stömbrytaren är sekundärt kopplad och bryter inte strömmen från nätet. Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

SF

Luokan 1 laserlaite
Varoitus! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

Oikeus muutoksiin varataan. Laite ei saa olla alttiina tippu-ja roiskevedelle.

Huom. Toiminnanvalitsin on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

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Contents

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.

Supplied accessories

– 1 X certified power adapter
(Input: 100-240V ~50/60Hz 0.7A,
Output: 15V ===1.2A)
– 2 speaker boxes including 2 speaker cables
– remote control (with 1 x CR2025 battery)
– MW loop antenna
– FM wire antenna
– stand
– Docking kit
  - 1 dock used for Apple iPod
  - Dock adaptors (8 adaptors for different iPod types)

Environmental Information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Safety Information

● Place the system on a flat, hard and stable surface.
● Where the MAINS plug or an appliance coupler is used as the disconnet device, the disconnet device shall remain readily operable.
● Install the unit near the AC outlet and where the AC power plug can be easily reached.
● The apparatus shall not be exposed to dripping or splashing.
● Place the system in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
● The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
● Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
● No naked flame sources, such as lighted candles, should be placed on the apparatus.
● No objects filled with liquids, such as vases, shall be placed on the apparatus.
● If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the system. Should this occur, the CD player would not operate normally. Leave the power on for about one hour with no disc in the system until normal playback is possible.
● The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
● **When the system is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.**

General Information

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.

● Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Controls on the set *(illustrations on page 3)*

1 **DOOR OPEN**
– press to open the CD door.

2 ⟶•
– jack for the external USB mass storage device

3 **PROGRAM**
– *CD/USB:* programs tracks
– *Tuner:* programs preset radio stations

4 **VOLUME**
– adjusts the volume level
– *Clock/Timer:* adjusts the hours and minutes

5 **DISPLAY/CLOCK**

– *Clock:*
  - displays the set time
- *In standby mode:* enters the clock setting mode
  (press and hold for more than 2 seconds)

– *TUNER/Audio CD/iPod/AUX:* switches between clock
  display and playback display

– *MP3/WMA files:* displays disc information
  during playback

6 **ALBUM/ PRESET + /-**
– *CD/USB:* selects albums (for MP3/WMA only)
– *TUNER:* selects a preset radio station

  ⏮ / ⏭
– *CD/USB/iPod:* skips or searches CD tracks/titles
  backwards/forwards
– *Tuner:* tunes to radio stations

  ▶ⅠⅠ
– *CD/USB/iPod:* starts or pauses playback

7 **IR**
– sensor for the infrared remote control
  *Helpful hints: Always point the remote control
  towards this sensor.*

8 **DSC (Digital Sound Control)**
– selects predefined sound settings: ROCK,
  JAZZ, POP, CLASSIC, OPTIMAL

9 **STANDBY-ON/ ECO POWER**
– press briefly to switch the set on or off (standby/
  ECO POWER);
– *In standby or Eco Power mode:* press and
  hold to toggle between Standby and ECO
  POWER mode (power-saving mode)
– *Red indicator:* lights up red when the set is
  switched to ECO POWER mode

10 **MUTE**
– switches the sound off temporarily

11 **DBB (Dynamic Bass Boost)**
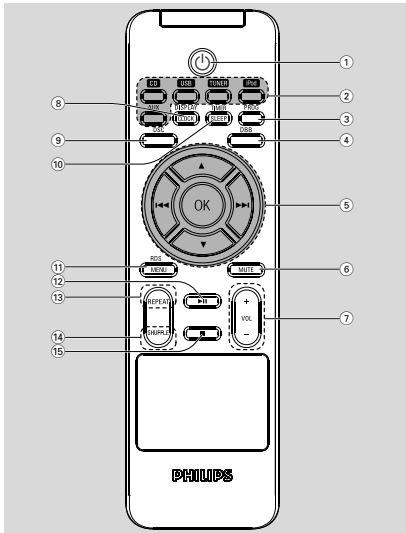– turns the bass enhancement on/off

12 **SOURCE**
– selects sound source **CD, USB, TUNER, iPod**
  or **AUX**
– *In standby or Eco Power mode:* switches the
  set on and selects sound source **CD, USB,
  TUNER, iPod** or **AUX**

13 **STOP**
– *CD/USB:* stops playback; erase a program

Controls

Remote control

Notes for remote control:
– First select the source you wish to control by pressing one of the source select keys on the remote control (for example CD, TUNER).
– Then select the desired function (for example ▶ II, I◀ ▶I).

1 ⏻
– press briefly to switch the set on or off (standby/ ECO POWER);
– **In standby or Eco Power mode:** press and hold to toggle between Standby and ECO POWER mode (power-saving mode)

2 **Source buttons**

USB
– selects **USB** source
– **In standby/Eco-power mode:** switches the set on and selects **USB** source.

CD
– selects **CD** source
– **In standby/Eco-power mode:** switches the set on and selects **CD** source.

TUNER
– selects **TUNER** source and toggles between the wavebands: FM and MW
– **In standby/Eco-power mode:** switches the set on and selects **TUNER** source

iPod
– selects **iPod** source.
– **In standby/Eco-power mode:** switches the set on and selects **iPod** source

AUX
– selects the audio input from an additional connected appliance
– **In standby/Eco-power mode:** switches the set on and selects the audio input from an additional connected appliance

3 **PROG**
– **CD/USB:** programs tracks
– **Tuner:** programs preset radio stations

4 **DBB (Dynamic Bass Boost)**
– turns the bass enhancement on/off

5 I◀◀ / ▶▶I
– **CD/USB/iPod:** skips or searches CD tracks backwards/forwards
– **Tuner:** tunes to radio stations

 ▲ / ▼
– **CD/USB:** selects the next/previous album (for MP3/WMA only)
– **TUNER:** selects a preset radio station
– **iPod:** navigates in iPod menu

OK
– **iPod:** confirms menu selection

6 **MUTE**
– switches the sound off temporarily

7 **VOL +/−**
– adjusts the volume level
– **Clock/Timer:** adjusts the hours and minutes

8 **DISPLAY/CLOCK**
– **Clock:** - displays the set time
        - **In standby mode:** enters the clock setting mode (press and hold for more than 2 seconds)
– **TUNER/Audio CD/iPod/AUX:** switches between clock display and playback display
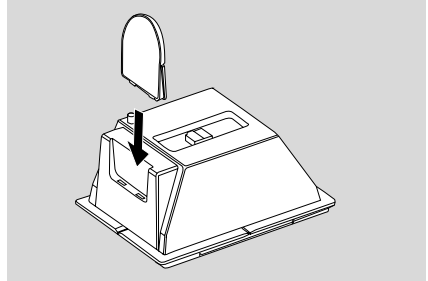– **MP3/WMA files:** displays disc information during playback

9 **DSC (Digital Sound Control)**
– selects predefined sound settings: ROCK, JAZZ, POP, CLASSIC, OPTIMAL

10 **TIMER/SLEEP**
– displays the timer setting
– switches the timer on/off
– enters the timer setting mode (press and hold for more than 2 seconds)
– set the sleep timer

11 **RDS/MENU**
– *Tuner:* selects RDS (**R**adio **D**ata **S**ystem) information
– sets RDS clock
– *iPod:* enters iPod menu

12 ► **II**
– *CD/USB/iPod:* starts or pauses playback

13 **REPEAT**
– selects continuous playback

14 **SHUFFLE**
– selects random playback

15 ■
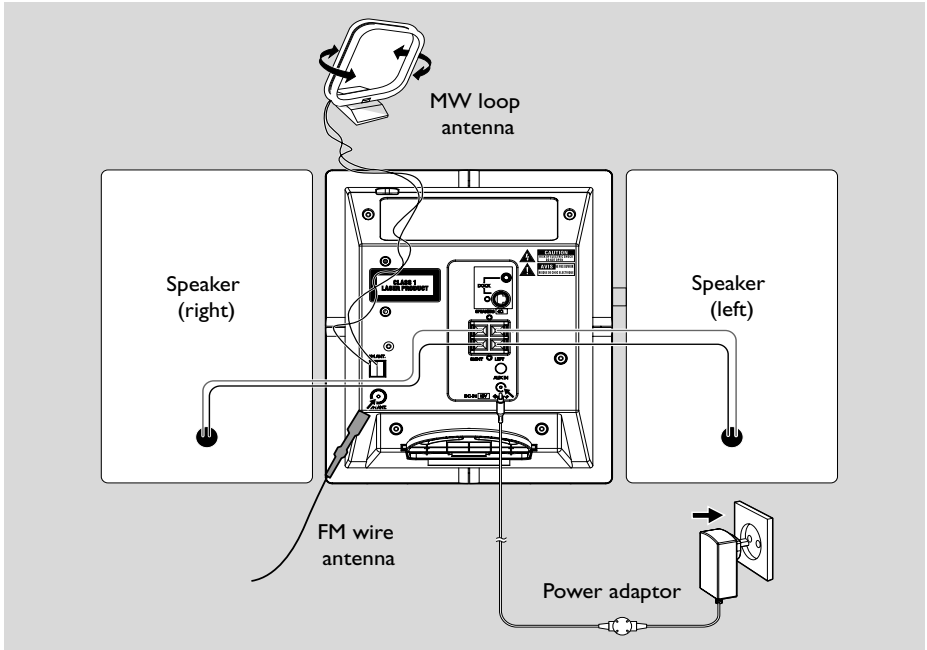– *CD/USB:* stops playback; erase a program

Placing MCM239D

MCM239D is supplied with a stand, you may attach or detach the stand to/from the main set.

Mounting the stand onto the set

❶ Locate the bottom of the main unit and find the slot, then slide the stand in the slot until it stops, as indicated in the figure below.
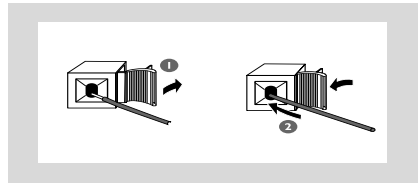

11

Installation

MW loop antenna

Speaker (right)

Speaker (left)

FM wire antenna

Power adaptor

Rear connections

Warning:
– Never make or change connections with the mains supply switched on.
– Install your set near the AC outlet and where the AC power plug can be reached easily.

(A) **Speaker connections**
Use the supplied speakers only. Using other speakers can damage the set or the sound quality will be negatively affected.

● Connect the cable of the left speaker to **LEFT** (red and black) and the cable of the right speaker to **RIGHT** (red and black) as follows:
   a. Press the clip of the red terminal and fully insert the stripped portion of the colored (or marked) speaker cable into the socket, then release the clip
   b. Press the clip of the black terminal and fully insert the stripped portion of the black (or unmarked) speaker cable into the socket, then release the clip

(B) **Antenna connections**
   MW antenna
   Connect the supplied MW loop antenna to the "AM aerial" terminal. Adjust the position of the antenna for optimal reception.

Fix the claw to the slot

Polarity insensitive
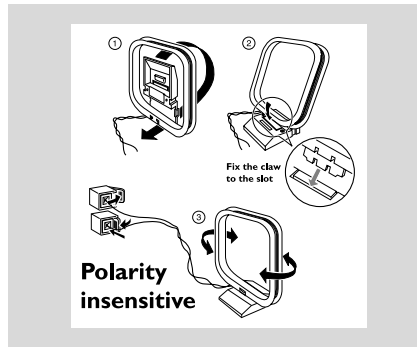
● Position the antenna as far as possible from a TV, VCR or other radiation source.

FM antenna

The wire antenna supplied can only be used to receive nearby stations. For better reception we recommend using a cable antenna system or an outdoor antenna.
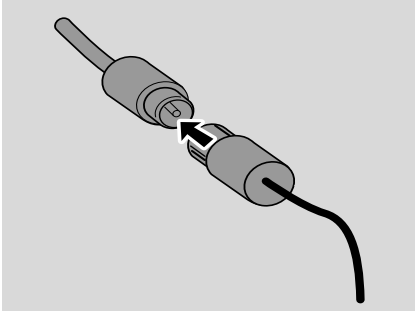
❶ Extend the wire antenna and fit it to FM ANTENNA as shown below

Note: *If you are using a cable antenna system or an outdoor antenna, fit the antenna plug, instead of the wire antenna, to FM ANTENNA .*

❷ Move the antenna in different positions for optimal reception (as far away as possible from the TV, VCR or other radiation sources)

❸ Fix the antenna's end to the wall.

Helpful hints:

– To receive optimal radio reception, put the main unit and the antennas as far away as possible from the power adaptor.

Connecting an additional appliance

Connecting a USB device or memory card

By connecting a USB mass storage device (including USB flash memory, USB flash players or memory cards) to the Hi-Fi system, you can enjoy the music stored on the external device through the powerful speakers of Hi-Fi system.

❶ Insert the USB device's USB plug into the socket on the front panel of the main set.

Or,

for the devices with USB cable:

a. Insert one plug of the USB cable (not supplied) to the socket on the front panel of the main set.

b. Insert the other plug of the USB cable to the USB output terminal of the USB device.

Or,

for the memory card:

a. Insert the memory card into a card reader (not supplied).

b. Use a USB cable (not supplied) to connect the card reader to the socket . on the front panel of the main set.

Installation

Connecting a non-USB device

It is possible to use an additional appliance, e.g. TV, VCR or CD recorder with the set. On MCM239D, you can playback music from an external source.

❶ Insert one plug of the audio cable (not supplied) to the socket **AUX IN** at the rear panel of the main set.

❷ Connect the other end of the audio cable to the **AUDIO OUT** terminal of the additional appliance.

❸ Select **AUX** mode on the set.

Helpful hints:
– Always refer to the owner's manual of other equipment for complete connection.

Using AC power

❶ Make sure all the connections have been made before switching on the power supply

❷ Connect the supplied AC/DC power adaptor to the DC jack (located on the rear panel of the main set) and to the wall socket. This switches on the power supply.

To avoid damage to the set, use only the adaptor supplied.

When MCM239D is switched to standby, it is still consuming some power. *To disconnect the system from the power supply completely, remove the power plug from the wall socket.*

The type plate is located on the rear of the set.

For users in the U.K.: please follow the instructions on page 2.

Warning!
To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it (not available for all versions).

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

CAUTION

Visible and invisible laser radiation. If the cover is open, do not look at the beam.

High voltage! Do not open. You run the risk of getting an electric shock.

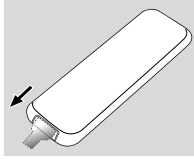*The machine does not contain any user-serviceable parts.*

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

Using the remote control

IMPORTANT!

– Remove the protective plastic tab before using the remote control.

– Always point the remote control directly towards IR area on the Center or Station you wish to operate.

Notes for remote control:
– First select the source you wish to control by pressing one of the source select keys on the remote control (for example CD, TUNER).
– Then select the desired function (for example ▶ II, I◀ ▶I).

To replace the remote controls' battery

❶ Push to open the battery tray.

❷ Replace a new battery according to the indicated polarity.

❸ Push the battery tray back to close it.
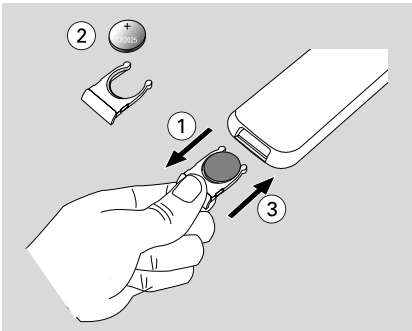
CAUTION!
– Remove the battery if it is exhausted or will not be used for a long time.
– Batteries contain chemical substances, so they should be disposed of properly.

Setting the clock

After connecting MCM239D to the power supply, set the clock first.

❶ Press and hold **STANDBY-ON/ ECO POWER** to switch the set to Standby mode.
→ The display shows the set time.
→ -- --:-- -- flashes by default if you have not set the clock.

❷ In the standby mode, press and hold **DISPLAY/ CLOCK**.
→ SET CLOCK scrolls on the display
→ 24 HR or 12 HR appears for the initial clock setting. *To select 24-hour clock or 12-hour clock,*
a. Press **VOLUME +/-** .
b. Press **DISPLAY/CLOCK** to confirm
→ The hours digits start flashing

❸ Hold down or press **VOLUME +/-** repeatedly to set the hours.

❹ Press **DISPLAY/CLOCK** to confirm
→ The minutes digits start flashing

❺ Hold down or press **VOLUME +/-** repeatedly to set the minutes.

❻ Press **DISPLAY/CLOCK** to confirm
– To exit without storing the clock setting press **STOP** ■

Helpful hints:
– The clock setting will be erased when the system is disconnected from the power supply.

– The set will exit from the clock setting mode if no button is pressed within 90 seconds.

*– To set the clock automatically by using a time signal which is broadcast together with the RDS signal see chapter **RDS: Setting the RDS clock.**.*

Basic Functions

Switching on/off the set and selecting functions

❶ To switch on, press **STANDBY-ON**/ **ECO POWER** or **SOURCE** on the set (or ⏻ on the remote control)
→ The set switches to the last source selected
OR
On the remote control, press the source button (e.g. **USB**, **CD**, **TUNER**, **iPod**, **AUX**).

❷ When the set is on, press **STANDBY-ON**/ **ECO POWER** to switch off (or ⏻ on the remote control).

❸ To select your function, press **SOURCE** once or more on the set (or **USB**, **CD**, **TUNER**, **iPod**, **AUX** on the remote control).

Switching between Standby and ECO POWER mode

❶ When the set is switched off, press and hold **STANDBY-ON**/ **ECO POWER** to switch between Standby and ECO POWER mode (or ⏻ on the remote control).
In ECO POWER mode *(power-saving mode):*
→ ECO PWR scrolls on the display.
→ The display is switched off.
→ The **Red** indicator lights up.
In Standby mode: → The clock is displayed.

Helpful hints:
– In the standby/Eco power mode, the tone, sound settings, tuner presets and the volume level (up to a maximum volume level of 12) will be retained in the set's memory.

Auto-standby

● In Disc or USB mode, when the set reaches the end of the playback and remains in the stop position for more than 15 minutes, the set will auto switch to stand by to save power. In standby mode, the set will will auto switch to Eco power standby after 15 minutes of in-activation.

● When iPod is plugged in and charged in standby mode, the set will not switch to Eco power mode.

Volume control

Volume adjustment

● Adjust the volume by pressing **VOLUME +/-** .
→ VOL and the actual value (between 1 and 31) are displayed.
→ VOL MIN is the minimum volume level.
→ VOL MAX is the maximum volume level.

MUTE

You can temporarily switch off the sound without switching off the set.

❶ Press **MUTE** to switch off the sound.
→ MUTE appears. Playback continues without sound.

❷ To switch on the sound, you can:
– press **MUTE** again;
– adjust the volume controls;
– change source.

Sound control

DSC

Digital **S**ound **C**ontrol enables you to select predefined sound settings.

● Press **DSC** repeatedly to select the desired sound setting: ROCK, JAZZ, POP, CLASSIC, OPTIMAL.

DBB

● Press **DBB** (**D**ynamic **B**ass **B**oost) once or more to switch bass enhancement on or off.
→ DBB appears if **DBB** is activated

Displaying the clock

● During playback, press **DISPLAY/CLOCK** on the remote control repeatedly to switch between the clock display and the playback display.

Notes:
– When playing MP3 files, you will get track information (ID3 tag) by pressing DISPLAY/ CLOCK.

Discs for playback

With this system, you can play
– all pre-recorded audio CDs (CDDA)
– all finalized audio CD-Rs and CD-RWs
– MP3/WMA-CDs (CD-Rs/CD-RWs with MP3/WMA files)

IMPORTANT!
– This system is designed for regular discs. Therefore, do not use any accessories such as disc stabilizer rings or disc treatment sheets, etc.

About MP3/WMA

The music compression technology MP3 (MPEG1 Audio Layer 3) and WMA (Windows Media Audio) significantly reduces the digital data of an audio CD while maintaining CD quality sound.
Windows Media Audio® is a registered trademark of Microsoft Corporation.

Supported formats:
– Disc format ISO9660, Joliet, UDF (created on Adaptec Direct CD) and multi-session CDs
– MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
– Directory nesting up to a maximum of 8 levels
– Max. track number plus album: 500
– WMA v9 or earlier

The system will not play or support the following:

• Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
• Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
• DRM protected WMA files
• WMA files in Lossless or VBR format

IMPORTANT!
– *Make sure that the file names of MP3 files end with .mp3.*
– *For DRM protected WMA files, use Windows Media Player 10 (or later) for CD burning/ conversion. Visit www. microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).*

Playing discs

❶ Press **SOURCE** once or more to select **CD** (or **CD** on the remote control)
→ The CD icon ⊙ appears

❷ Press **DOOR OPEN** to open the CD door.
→ $CD\ OPEN$ is displayed.

❸ Insert a disc with the printed side facing up. Then close the CD door.
→ $READING$ is displayed as the CD player scans the contents of a disc
→ **Audio CD:** the total number of tracks and playing time are shown
MP3/WMA: Display shows current album number "$A \times x$" and current track number "$T \times xx$".

Helpful hints:
– *If you have not organized MP3/WMA files into any albums on your disc, an album "00" will be automatically assigned for all those files.*

❹ Press ▶ **II** to start playback.
→ Display shows current track.
number and elapsed playing time.

❺ To pause playback, press ▶ **II**. To resume playback, press the button again.

❻ To stop playback, press **STOP ■**

Helpful hints:
CD play will also stop when
– *the CD door is opened.*
– *the disc has reached the end.*
– *you select another source: TUNER, USB, iPod or AUX.*

CD

Selecting and searching

Selecting a different track

● Press |◀◀ / ▶▶| once or repeatedly until the desired track number appears in the display.
   MP3/WMA: ➜ Track information scrolls briefly.

MP3/WMA:

● Press **ALBUM/ PRESET** once or more to select the next or previous album.
   ➜ Album information scrolls briefly.
   or
● In the stop position, press **ALBUM/ PRESET** and |◀◀ / ▶▶| to select the desired album and track.
   ➜ **MP3/WMA:** Display shows current album/ track number.

Finding a passage within a track during playback

● During playback, press and hold |◀◀ / ▶▶|
   ➜ The CD plays at a high speed.

● When you recognize the passage you want, release |◀◀ or ▶▶|.
   ➜ Normal playback resumes.

Programming tracks

You may store up to 20 tracks in the desired sequence. If you like, store any track more than once.

● In the stop position, press **PROGRAM** to start programming.
   ➜ PROG flashes.

● Press |◀◀ / ▶▶| once or repeatedly until the desired track number appears in the display.

● **MP3/WMA:** press **ALBUM/ PRESET** and |◀◀ / ▶▶| to select the desired album and track.

● Press **PROGRAM** to confirm.
   ➜ Display shows briefly the number of tracks programmed.
   ➜ Then, the display shows the track number you just stored.

● Repeat steps 2-3 to select and store all desired tracks.
   ➜ FULL is displayed if you attempt to program more than 20 tracks.

● Press ▶ ❙❙ play the program.

Helpful hints:
– The set will return to the stop position if no button is pressed within 90 seconds. To resume programming, press **PROGRAM.**
– **MP3/WMA:** When playing a program, use of **ALBUM/ PRESET** are void.

Erasing the program

You can erase the contents of the memory by:

● Press **STOP ■**
   – once if in the stop position;
   – twice during playback;

● Press **STANDBY-ON/ ECO POWER**.

● Select another sound source.

● Open the CD door.
   ➜ PROG disappears.

Different play modes: REPEAT, SHUFFLE

REP TRACK – plays the current track
continuously.

REP ALL – plays the entire disc/program
continuously.

SHUF – plays all the tracks in random order.

❶ During playback, press once or more **REPEAT**
or **SHUFFLE** to select play modes.

❷ To return to normal playback, press **REPEAT** or
SHUFFLE repeatedly until the various modes
are no longer displayed.

Helpful hints:
– In the shuffle mode, press ►►I *to select tracks.*

Display track information (MP3/WMA only)

The ID3 tag is part of an MP3/WMA file and
contains various track information such as the
track´s title or the artist´s name.

● During playback, press **DISPLAY/CLOCK**
repeatedly on the remote control.
➜ Display show title name, album name and ID3
tag information.

Helpful hints:
*- Complete the ID3 tag information with
your MP3/WMA encoder software before
burning the MP3/WMA-CD.*

Tuner

Tuning to radio stations

❶ Press **SOURCE** once or more to select **TUNER** (or **TUNER** on the remote control).

❷ Press **TUNER** on the remote control. repeatedly to select your desired waveband, FM or MW.
→ Display shows: 🔱 , radio station frequency, waveband and if programmed, a preset number.

❸ Press and hold ⏮◀◀ / ▶▶⏭ until SEARCH appears.
→ The radio automatically tunes to a station with sufficient reception. Display shows SEARCH during automatic tuning.
→ **FM:** If a station is received in stereo, ∞ is shown.
→ **FM:** When you are receiving an RDS station, **R·D·S** is shown.

❹ Repeat step **3** if necessary until you find the desired station.

● To tune to a weak station, press ⏮◀◀ / ▶▶⏭ briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 40 radio stations (FM and MW) in the memory, manually or automatically (Autostore).

Autostore: Automatic programming

Automatic programming will start from preset 1 or a chosen preset number. From this preset number upwards, former programmed tuner stations will be erased. The set will only program stations which are not in the memory already.

❶ Press the **ALBUM/ PRESET** buttons once or more to select the preset number where programming should start.

Note:
– *If no tuner preset number is selected, default is preset 1 and all your presets will be erased.*

❷ Press and hold **PROGRAM** until AUTO appears.
→ PROG flashes.
→ Available stations are programmed in order of waveband reception strenght: RDS, FM followed by MW.
→ After all stations are stored, the first preset station will then be played.

Manual programming

❶ Tune to your desired station (see **Tuning to radio stations**).

❷ Press **PROGRAM** to activate programming.
→ PROG flashes.

❸ Press **ALBUM/ PRESET** to allocate a number from 1 to 40 to this station.

❹ Press **PROGRAM** to confirm.
→ Display shows the preset number, waveband and the frequency of the preset station.

❺ Repeat steps 1-4 to store other stations.

● You can erase a preset station by storing another frequency in its place.

To listen to a preset station

● Press the **ALBUM/ PRESET** buttons once or more until the desired preset station is displayed.

RDS

The feature RDS (**R**adio **D**ata **S**ystem) is a service that allows FM stations to send additional information along with the regular FM radio signal. When you are receiving an RDS station, **R·D·S** and the station name are displayed.

Switching through RDS information

❶ Tune to the desired RDS radio station on the FM waveband (see **Tuning to radio stations**)
❷ Press **RDS/MENU** on the remote control repeatedly to switch through the following information (if available):
   – Station name
   – Program type (for example: News, Sport, etc.)
   – Radio text messages
   – Frequency

Note:
*– NO PS, NO TYPE or NO TEXT is displayed if you press **RDS/MENU** and no RDS signal is available..*

Setting the RDS clock

Some RDS radio station may be transmitting a real clock time at an interval of every minute. It is possible to set the clock by using a time signal which is broadcast together with the RDS signal.

1 Tuned to a RDS station (refer to "Tuning to radio stations").
2 Press and hold **RDS/MENU** until "SEARCH RDS TIME" is displayed.
   ➜ When RDS time is read, the current time will be stored.
   ➜ If the RDS station does not transmit RDS time within 90 seconds, "NO RDS TIME" appears.

Note:
– Some RDS radio station may be transmitting a real time clock at a minute interval. The accuracy of the transmitted time depends on the transmitting RDS radio station.

USB

Using a USB mass storage device

By connecting a USB mass storage device to the Hi-Fi system, you can enjoy the music stored on the external device through the powerful speakers of Hi-Fi system.

Playing a USB mass storage device

Compatible USB mass storage devices

With the Hi-Fi system, you can use
– USB flash memory (USB 2.0 or USB1.1)
– USB flash players (USB 2.0 or USB1.1)
– memory cards (requires an additional card reader to work with this Hi-Fi system)

> *Note:*
>
> *– In some USB flash players (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as this Hi-Fi system).*

Supported formats:
– USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 - 65,536 bytes)
– MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
– WMA v9 or earlier
– Directory nesting up to a maximum of 8 levels
– Number of albums/ folders: maximum 50
– Number of tracks/titles: maximum 500
– ID3 tag v2.0 or later
– File name in Uicode UTF8 (maximum length: 128 bytes)

The system will not play or support the following:

• Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
• Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
• AAC, WAV, PCM audio files
• DRM protected WMA files
• WMA files in Lossless format

How to transfer music files from PC to a USB mass storage device

By dragging and dropping music files, you can easily transfer your favorite music from PC to a USB mass storage device.
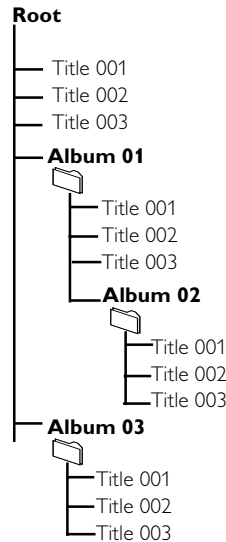
For the flash player, you can also use its music management software for the music transfer. ***However, those WMA files may be unplayable for compatibility reasons.***

How to organize your MP3/WMA files on the USB mass storage device

This Hi-Fi system will browse the MP3/WMA files in the folders/sub-folders/titles order. Example:

Root
— Title 001
— Title 002
— Title 003
— Album 01
    — Title 001
    — Title 002
    —Title 003
    — Album 02
       —Title 001
       —Title 002
       —Title 003
— Album 03
    — Title 001
    —Title 002
    —Title 003

Organize your MP3/WMA files in different folders or subfolders as required.

> *Note:*
>
> *– If you have not organized MP3/WMA files into any albums on your disc, an album "00" will be automatically assigned for all those files.*
>
> *– Make sure that the file names of MP3 files end with .mp3. and the file names of WMA files end with .wma.*
>
> *– For DRM protected WMA files, use Windows Media Player 10 (or later) for conversion. Visit www.microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).*

❶ Check the USB device has been properly connected. (See **Installation: Connecting an additional appliance**)

❷ Press **SOURCE** once or more to select **USB** (or **USB** on the remote control)

→ The icon ⊖ appears

– *NO AUDIO* appears if no audio file is found in the USB device

❸ Play the USB's audio files as you do with the albums/tracks on a CD (See **CD**)

Note:
– For compatibility reasons, the album/track information may differ from what it is displayed through flash players' music management software.
– File names or ID3 tags will be displayed as ------ if they are not in English.

INFORMATION REGARDING USB DIRECT:

Compatibility of the USB connection on this product:

● This product supports most USB Mass storage devices (MSD) that are compliant to the USB MSD standards.

– Most common Mass storage class devices are flash drives, memory sticks, jump drives and etc.

– If you see a "Disc Drive" show up on your computer after you plugged the mass storage device into your computer, most likely it is MSD compliant and it will work with this product.

● If your Mass storage device required a battery/power source. Please make sure you have a fresh battery in it or charge the USB device first and then plug it into the product again.

Supported Music type:

● This device only supports unprotected music with the following file extension:
.mp3
.wma

● Music bought from on-line music stores are not supported because they are secured by Digital Rights Management protection (DRM).

● File name extensions that end with the following are not supported:
.wav; .m4a; .m4p; mp4; .aac and etc.

No Direct connection can be made from Computer USB port to the product even you have either or both mp3 or wma files in your computer.

AUX (Listening to an external source)

You can listen to the sound of the connected external device through your MCM239D.

❶ Check the external device has been properly connected (See **Installation, Connecting an additional appliance**)

❷ Press **SOURCE** once or more to select **AUX** (or **AUX** on the remote control)

❸ To avoid noise distortion, turn down the volume on your external device

❹ Press the **PLAY** key on the connected device to start playback

❺ To adjust the sound and volume, use the sound controls on your external device and the MCM239D.
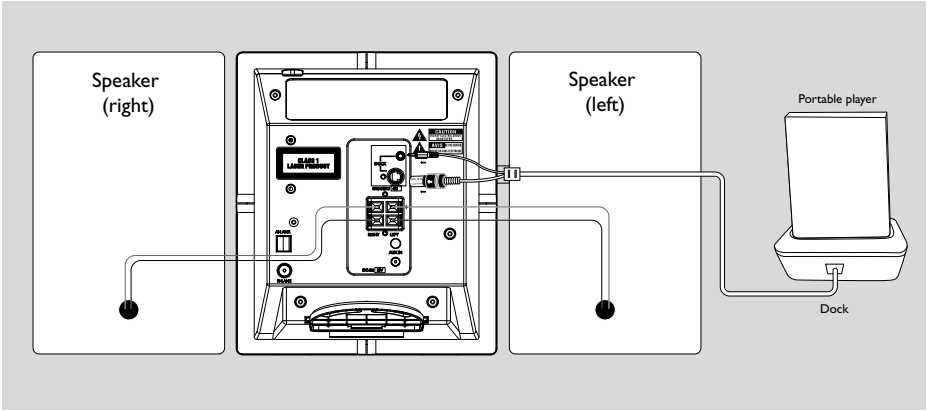
iPod

Playing iPod using the dock

By connecting the supplied dock to your Hi-Fi system, you can listen to the sound of the docked player through the powerful speakers of the Hi-Fi system.

Compatible portable player

● Most Apple iPod models with 30-pin dock connector as follows:
20GB, 40GB, 20/30GB photo, 40/60GB photo, 30GB video, 60GB video, mini and nano.

Dock

This system comes with a dock used for iPod. Connect the cable of the dock to the system to let the system and your iPod work together.

Dock adaptor

Before plugging your player in the dock, snap the suitable dock adaptor into the dock to provide a snug fit for the player to be docked.

Selecting the correct dock adaptor

● For the iPod dock, 8 dock adaptors of different type, as indicated at the back of the adaptor, are included to fit the following iPod:
20GB, 40GB, 20/30GB photo, 40/60GB photo, 30GB video, 60GB video, mini and nano.

Installing the dock adaptor

❶ Align two latches of the adaptor and two holes of the dock, then gently push in the adaptor until it clicks.
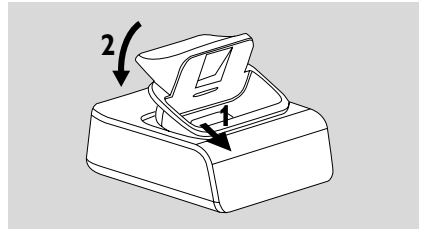
Removing the dock adaptor

● Slightly push down the dock adaptor, as indicated in the figure below, to un-latch the adaptor, then take it out.

Playing iPod

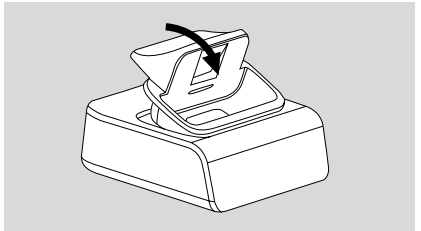❶ Select the dock adaptor of the correct type and size, and snap it into the dock (See " **Dock adaptor** ").

❷ Correctly place your iPod in the dock.

❸ Connect the cables of the dock to DOCK IN jacks on the main set correspondingly.

❹ Press **SOURCE** repeatedly or **iPod** to select iPod source.

● The connected player will play automatically.

Notes:

– By using the buttons (▶II, |◀◀, ▶▶| and
***VOLUME**) on the MCM239D and its remote control, the following disc playback features are available: Play/Pause, selecting next/previous track, fast forwarding/rewinding and changing volume.*

*– The buttons (▶II, |◀◀, ▶▶| and **VOLUME**) on the MCM239D and its remote control can work only with playback of the audio contents stored on the docked player.*

– Stop (■) function of disc playback is not available to the docked player.

*– To navigate the iPod menu, you may use **MENU**, ▲▼and **OK** buttons on the MCM239D's remote control.*

Charging iPod battery using the dock

Docking your iPod and connecting the dock to MCM239D, you can charge the iPod in the standby mode and power-on mode of MCM239D.

Notes:

– In Eco power standby mode, iPod cannot be charged.

– In standby mode, when no iPod is plugged in for 15 minutes, the set will auto switch to Eco power mode.

Setting the timer

The set can be used as an alarm clock, whereby the selected source (CD, TUNER or USB) starts playback at a preset time. **Make sure the clock is set before using the timer.**

❶ In standby mode, press and hold **TIMER** on the remote control until SET TIMER appears.
→ ✪ flashes. SELECT SOURCE scrolls.
→ Display shows current source CD, TUNER or USB.

❷ Press **SOURCE** on the set repeatedly to select the source (or press **CD, TUNER** or **USB** on the remote control).

❸ Press **TIMER** to confirm.
→ The hours digits start flashing.

❹ Hold down or press **VOLUME +/-** repeatedly to set the hours.

❺ Press **TIMER** to confirm.
→ The minutes digits start flashing.

❻ Hold down or press **VOLUME +/-** repeatedly to set the minutes.

❼ Press **TIMER** to confirm.
→ The timer is now set and activated.
→ At the set alarm time, the CD, TUNER or USB will switch on (volume level: max. 13).

Note:
– The set will exit from the timer setting mode if no button is pressed within 90 seconds.

Activating and deactivating TIMER

● In standby mode, press **TIMER** on the remote once or more to activate or deactivate the timer.
→ If activated, the last set source and start time are displayed.
→ If deactivated, "TIMER OFF" appears.

Helpful hints:
The timer will not work at the set time if
- the set is switched on
- the timer is deactivated
The set will switch to Tuner source
automatically if :
- no CD is inserted when the selected source is CD;
- no USB device is connected when the selected source is USB

SLEEP

You can set a certain period of time after which the set will switch off.

● During playback, on the remote control, press **SLEEP** repeatedly to select the desired time period options (in minutes):
→ Display shows in sequence: **Sleep 90, 75, 60, 45, 30, 15, 00**
→ Display shows the selected option briefly and returns to its previous status. The icon zZZ appears.

To deactivate the sleep timer, press repeatedly **SLEEP** until **00** appears.
→ The icon zZZ disappears.

or
Press **STANDBY-ON**/ **ECO POWER** to switch off the set (or ⏻ on the remote control)

Helpful hints:
– The SLEEP function does not affect your alarm time setting.

AMPLIFIER

Output power .... 2 x 5 W RMS
Signal-to-noise ratio .... ≥ 65 dBA
Frequency response .... 100 – 18kHz, ± 3 dB
Input sensitivity AUX .... 0.5 V (max. 1 V)
Impedance loudspeakers .... ≥ 4 Ω
Impedance headphones .... 32 Ω -1000 Ω
.... <15mW

CD PLAYER

Frequency range .... 100 – 18kHz
Signal-to-noise ratio .... 65 dBA

TUNER

FM wave range .... 87.5 – 108 MHz
MW wave range .... 531 – 1602 kHz
Number of presets 40
Antenna
   FM .... 75 Ω wire
   MW .... Loop antenna

USB PLAYER

USB V1.1/V2.0
.... support MP3 and WMA files
Number of albums/ folders .... maximum 50
Number of tracks/titles .... maximum 500

SPEAKERS

Bass reflex system
Dimensions (w x h x d) .. 158 x 250x 118 (mm)

GENERAL INFORMATION

AC Power .... 220 – 240 V / 50 Hz
Dimensions (w x h x d, with/without the stand)
.... 211 x 250 x 160/211 x 250 x 126 (mm)
Weight(with/without speakers) .... 2.9 / 1.23 kg
Standby power consumption .... <2 W
Eco power standby .... <1 W

*Specifications and external appearance are*
subject to change without notice.

Cleaning the Cabinet

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

Cleaning Discs

● When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.

● Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.
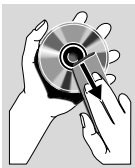
Cleaning the disc lens

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

Troubleshooting

WARNING
Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
"NO DISC" is displayed.	✔ Insert a disc. ✔ Wait until the moisture condensation at the lens has cleared. ✔ Replace or clean the disc, see "Maintenance". ✔ Use a finalised CD-RW or a correct MP3/WMA -CD format disc.
Some files on the USB device are not displayed.	✔ Check if the number of folders exceeds 99 or the number of titles exceeds 999
Radio reception is poor.	✔ If the signal is too weak, adjust the antenna or connect an external antenna for better reception. ✔ Increase the distance between the Micro HiFi System and your TV or VCR.
The system does not react when buttons are pressed.	✔ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	✔ Adjust the volume. ✔ Disconnect the headphones. ✔ Check that the speakers are connected correctly. ✔ Check if the stripped speaker wire is clamped. ✔ Make sure the MP3-CD was recorded within 32~256 kbps bit rate with sampling frequencies at 48 kHz, 44.1 kHz or 32 kHz.
The left and right sound outputs are reversed.	✔ Check the speaker connections and location.

The remote control does not function properly.

✔ Select the source (CD or TUNER, for example) before pressing the function button (▶II, I◀, ▶I).
✔ Reduce the distance between the remote control and the system.
✔ Insert the battery with its polarities (+/– signs) aligned as indicated.
✔ Replace the battery.
✔ Point the remote control directly toward IR sensor on the front of the system.

The timer is not working.

✔ Check the set is switched off
✔ Set the clock correctly.
✔ Press TIMER to switch on the timer.

The Clock/Timer setting is erased.

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

The USB device doesn't play on my MCM239D.

✔ It is not set in the USB mode. Select USB mode.
✔ The device is not securely connected to MCM239D's USB port. Re-connect the device, and make sure that the device is powered on.
✔ The device is not supported by MCM239D, or the audio file format stored on the device is not supported by MCM239D. Use a compatible device/ playable audio file format.

The STOP ■ and some buttons on MCM239D and its remote control have no function.

✔ The playback of the docked player cannot be stopped using the **STOP ■** button on MCM239D and its remote control.
✔ The buttons (▶II, I◀◀, ▶▶I and **VOLUME**) can function only. To navigate the iPod menu, you may use **MENU**, ▲▼and **OK** buttons.
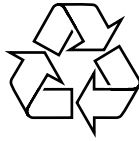
Meet Philips at the Internet
http://www.philips.com

English

Français

Español

Deutsch

Nederlands

Italiano

Svenska

Dansk

MCM239D

**CLASS 1
LASER PRODUCT**