

Micro Hi-Fi System

MC147

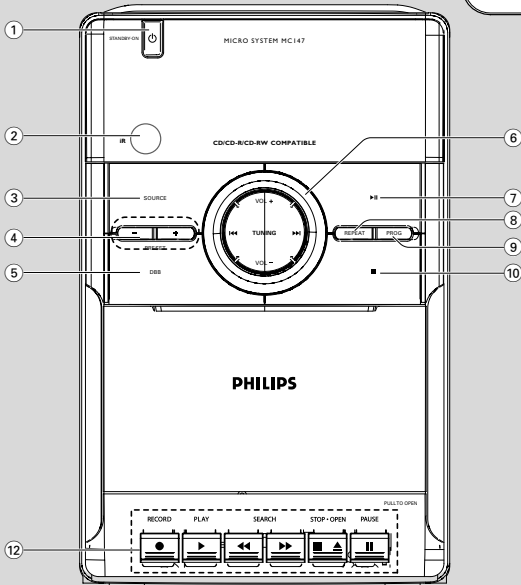
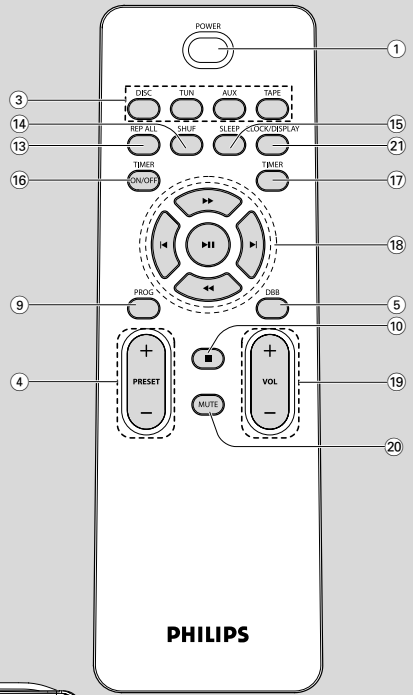
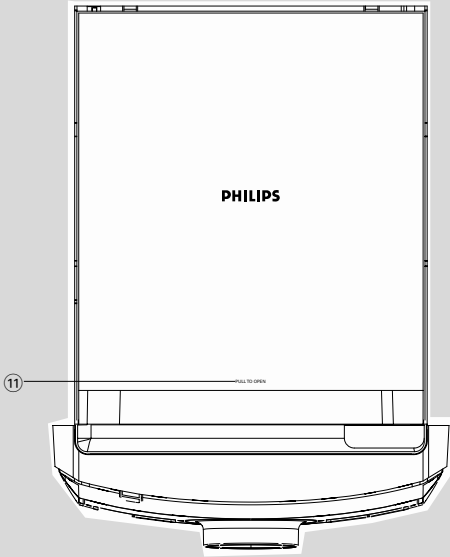
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User manual

使用説明



PHILIPS



English 7

中文 21

CAUTION

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

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Congratulations on your purchase and welcome to Philips!

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The voltage selector located at the rear of this system is preset at 220V-240V from the factory. For countries that operate at 110V-127V, please adjust to 110V-127V before you switch on the system.

Supplied accessories

- 2 speaker boxes
- remote control

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.

Safety Information

- Before operating the system, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) of your system is identical with the voltage of your local power supply. If not, please consult your dealer.
- 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.
- The apparatus shall not be exposed to dripping or splashing.

- Install the unit near the AC outlet and where the AC power plug can be easily reached.
- 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.**

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:

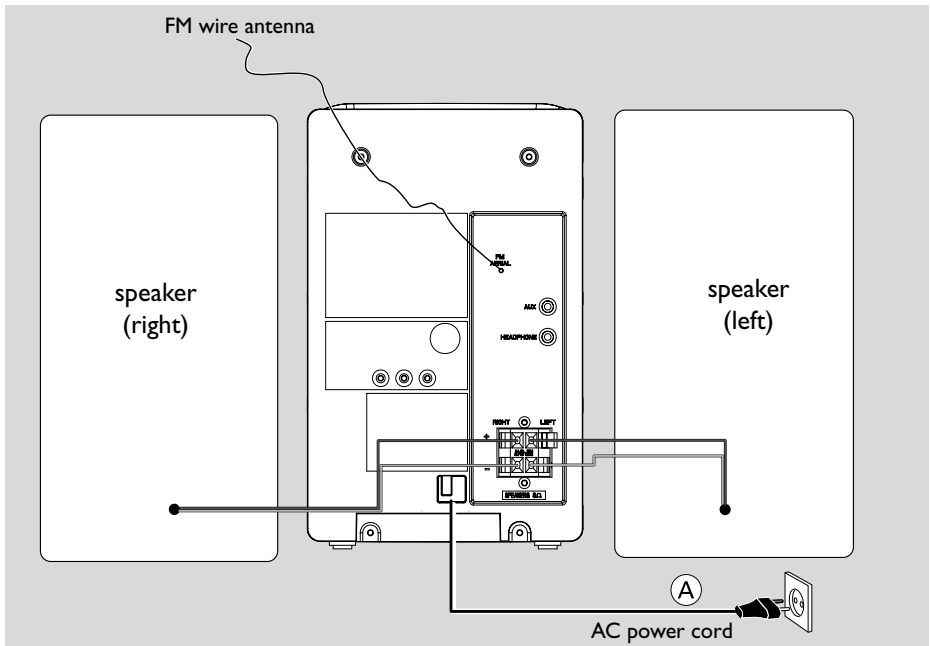
- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

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.



Rear connections

The type plate is located at the rear of the system.

(A) Power

– Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.

WARNING!

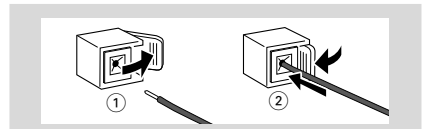
- For optimal performance, use only the original power cable.
- Never make or change any connections with the power switched on.

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).

(B) Speakers Connection

Front Speakers

Connect the speaker wires to the SPEAKERS terminals, right speaker to "RIGHT" and left speaker to "LEFT", coloured (marked) wire to "+" and black (unmarked) wire to "-".



- Fully insert the stripped portion of the speaker wire into the terminal as shown.

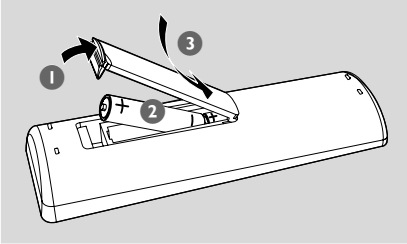
Notes:

- For optimal sound performance, use the supplied speakers.
- Do not connect more than one speaker to any one pair of + / - speaker terminals.
- Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

Preparations

Inserting batteries into the Remote Control

- 1 Open the battery compartment.
- 2 Insert two R03 or AAA batteries following the indications (+/-) inside the compartment.
- 3 Close the cover.














Using the Remote Control to operate the system

- 1 Aim the Remote Control directly at the remote sensor (IR) on the front panel.
- 2 Do not put any objects between the Remote Control and the system while operating the system.

CAUTION!

- Remove batteries if they are exhausted or if the Remote Control is not being used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed of properly.





Controls on the system and remote control

- ① **STANDBY-ON**  **(POWER)**
 - switches the system to standby or on.
- ② **IR SENSOR**
 - infrared sensor for remote control.
- ③ **SOURCE**
 - selects the respective sound source for CD/TUNER/TAPE/AUX.
 - switches on the system.
- ④ **PRESET +/-**
 - for radio selects a preset radio station.
- ⑤ **DBB (Dynamic Bass Boost)**
 - enhances the bass.
- ⑥ **TUNING**    
 - for Tuner tunes to radio stations.
 - for CD skips to the beginning of the current/previous/subsequent track.
 - fast searches back and forward within a track/CD.
 - for clock/timer adjusts the hours and minutes for the clock/timer function
- VOL +/-**
 - adjusts the volume level.
- ⑦ **II**
 - starts or interrupts CD playback.
- ⑧ **REPEAT**
 - repeats a track/disc/all programmed tracks.
- ⑨ **PROG**
 - for CD programmes tracks and reviews the programme.
 - for Tuner programmes tuner stations manually or automatically.
- ⑩ **■**
 - stops CD playback or erases a CD programme.
- ⑪ **PULL TO OPEN**
 - opens/closes the CD door.
- ⑫ **Tape Deck Operation**
 - RECORD**  ... starts recording.
 - PLAY**  starts playback.
 - SEARCH**   fast rewinds/winds the tape.
 - STOP•OPEN**  
 - stops the tape; opens the tape compartment.
 - PAUSE II** interrupts recording or playback.

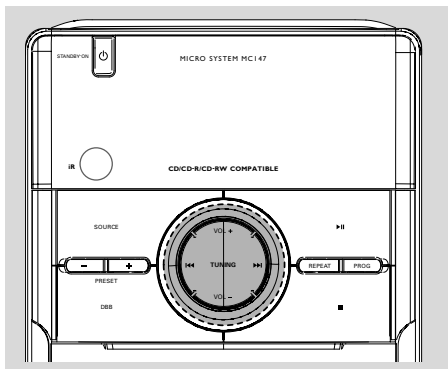
AUX jack (located on the back panel)

- connects an external source (3.5 mm socket)
- ## HEADPHONE (located on the back panel)
- connects headphones

Controls available on the remote control only

- ⑬ **REP ALL**
 - repeats a track/disc/all programmed tracks.
- ⑭ **SHUF**
 - plays CD tracks in random order.
- ⑮ **SLEEP**
 - activates/deactivates or selects the sleeper time.
- ⑯ **TIMER ON/OFF**
 - Turns on or off timer
- ⑰ **TIMER**
 - sets the timer function.
- ⑱ **II**
 - starts or interrupts CD playback.
-  
 - for CD fast searches back and forward within a track/CD.
 - for Tuner tunes to radio stations.
 - for clock/timer adjusts the hours and minutes for the clock/timer function
-  
 - for CD skips to the beginning of the current/previous/subsequent track.
- ⑲ **VOL +/-**
 - adjusts the volume level.
- ⑳ **MUTE**
 - interrupts and resumes sound reproduction.
- ㉑ **CLOCK/DISPLAY**
 - for clock sets the clock function.
 - views clock.


Basic Functions



IMPORTANT:

Before you operate the system, complete the preparation procedures.

Switching the system on

- Press **STANDBY-ON**  or **SOURCE** (**POWER** on the remote control).
→ The system will switch to the last selected source.
- Press **DISC, TUN, TAPE** or **AUX** on the remote control.
→ The system will switch to the selected source.


To switch the system to standby mode

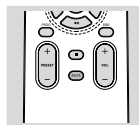
- Press **STANDBY-ON**  on the system (or **POWER** on the remote control).

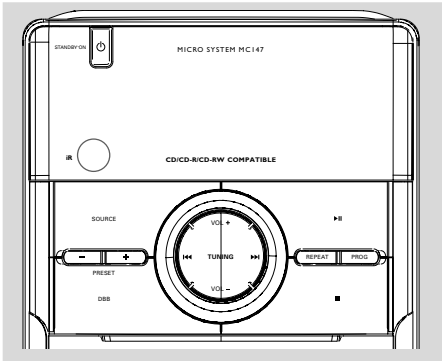
Power-saving automatic standby

The power-saving feature automatically switches to standby 15 minutes after a CD playback has ended and no control is operated.

Adjusting volume and sound

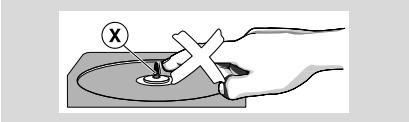
- 1 Press **VOL + / -** to adjust volume.
→ Display shows the volume level  and a number from 0-32.
 - 2 Press **DBB** to switch bass enhancement on or off.
→ Display shows: **DBB** if the DBB is activated.
 - 3 Press **MUTE** on the remote control to interrupt sound reproduction instantly.
→ Playback will continue without sound.
- To activate sound reproduction you can:
 - press **MUTE** again;
 - adjust the volume controls;
 - change source.





IMPORTANT:

The lens of the CD player should never be touched.

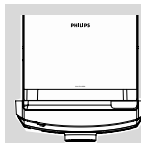


Loading a disc

This CD player plays Audio Discs including CD-Recordables and CD-Rewritables.

- CD-ROM, CD-I, CDV, MP3 CD, VCD, DVD or computer CDs, however, are not possible.

- 1 Select **CD** source.
- 2 Lift the CD door on the top of the system to open the CD compartment.
→ "OPEN" is displayed when you open the CD compartment.



- 3 Insert a disc with the printed side facing up and press down on **PULL TO OPEN** to close the CD door.
→ "rEAd" is displayed as the CD player scans the contents of a disc, and then the total number of tracks is shown.

Basic playback controls

To play a disc

- Press **▶||** to start playback.
→ The current track number and the PLAY icon are displayed during disc playback.

To select a different track

- Press **TUNING** **◀◀ ▶▶** (on the remote control **◀◀ / ▶▶**) once or repeatedly until the desired track number appears in the display.

To find a passage within a track

- 1 Press and hold down on **TUNING** **◀◀ ▶▶** (on the remote control **◀◀ / ▶▶**).
→ The disc is played at high speed and low volume.
- 2 When you recognise the passage you want, release **TUNING** **◀◀ ▶▶** (on the remote control **◀◀ / ▶▶**).
→ Normal playback continues.

To interrupt playback

- Press **▶||** during playback.
→ The display freezes and the PLAY icon flashes when playback is interrupted.
→ To resume, press **▶||** again.

To stop playback

- Press **■**.

Notes: CD play will also stop when;

- the CD door is opened.
- the disc has reached the end.
- you select another source: **TUNER, TAPE or AUX.**
- you select standby.
- you press the tape deck **PLAY ▶** key.

CD Operation

Different play modes: SHUFFLE and REPEAT

You can select and change the various play modes before or during playback. The play modes cannot be combined with PROGRAMME.

SHUF tracks of the entire disc are played in random order.

REP ALL repeats the entire disc/programme.

REP plays the current track continuously.

- ① To select Repeat play mode, press **REPEAT** on the main unit or **REP ALL** on the remote control.
- To select Shuffle play mode, press **SHUF** on the remote control.
- ② Press **▶II** to start playback if in the STOP position.
- ③ To return to normal playback, press the respective **REPEAT** (on the main unit), **REP ALL** or **SHUF** (on the remote control) button until the various SHUFFLE/ REPEAT modes are no longer displayed.
- Press **■** once during playback to stop repeat/shuffle playback.
- Press **■** again to cancel repeat/shuffle play mode.

Note:

– The *SHUFFLE* and *REPEAT* functions can be used simultaneously.

Programming track numbers

Programme in the STOP position to select and store your disc tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.

- ① In the stop position, use the **TUNING I◀◀** **▶▶I** (on the remote control **◀ / ▶**) to select your desired track number.
- ② Press **PROG** to store.
→ Display: **PROG** flashes, and **□ I** is displayed briefly, then the selected track number.
- ③ Repeat **steps 1-2** to select and store all desired tracks.

- ④ To start playback of your disc programme, press **▶II**

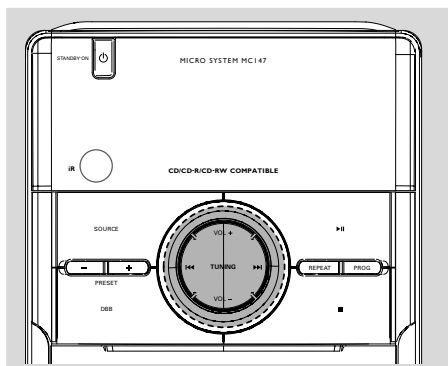
Reviewing the programme

- Stop playback and press **PROG**.

Erasing the programme

You can erase the programme by:

- pressing **■** once in the STOP mode;
- pressing **■** twice during playback;
- opening the CD compartment;
→ **PROG** disappears from the display.



Tuning to radio stations

- 1 Press **SOURCE** on the set repeatedly or press **TUN** on the remote control repeatedly until the desired waveband (FM or MW) is displayed.
- 2 Press down on **TUNING** **◀◀ ▶▶** (**◀◀ / ▶▶** on the remote control) and release the button.
→ The radio automatically tunes to a station with sufficient reception. Display indication during automatic tuning: *S r c H*.
- 3 Repeat step 2 if necessary until you find the desired station.
- To tune to a weak station, press **TUNING** **◀◀ ▶▶** (**◀◀ / ▶▶** on the remote control) briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 40 radio stations in the memory.

Automatic programming

Automatic programming will start with a chosen preset number. From this preset number upwards, former programmed radio stations will be overridden. The system will only programme stations which are not in the memory already.

- 1 Press **PRESET + / -** to select the preset number where programming should start.
Note:
– If no preset number is selected, default is preset (1) and all your presets will be overridden.
- 2 Press **PROG.** for more than 2 seconds to activate programming.
→ "AUtO" is displayed and available stations are programmed in order of waveband reception strength. The first preset automatically stored will then be played.

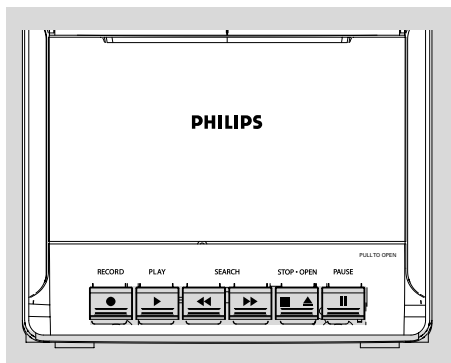
Manual programming

- 1 Tune to your desired station (see Tuning to radio stations).
- 2 Press **PROG** to activate programming.
→ **PROG** flashes in the display.
- 3 Press **PRESET + / -** to allocate a number from 1 to 40 to this station.
- 4 Press **PROG** again to confirm the setting.
→ **PROG** disappears, the preset number and the frequency of the preset station are shown.
- 5 Repeat the above four steps to store other stations.
- You can override a preset station by storing another frequency in its place.

Tuning to preset radio stations

- Press **PRESET + / -** until the desired preset station is displayed.

Tape Operation / Recording



- The best recording level is set automatically. Altering the VOLUME or DBB controls will not affect the recording in progress.
- The recording sound quality might differ depending on the quality of your recording source and the recording tape.
- At the very beginning and end of the tape, no recording will take place during the 7 seconds when the leader tape passes the recorder heads.
- To protect a tape from accidental erasure, have the tape in front of you and break out the left tab. Recording on this side is no longer possible. If, however, you wish to record over this side again, cover the tabs with a piece of adhesive tape.

Tape playback

- 1 Select **TAPE** source.
→ Display: shows "tAPE" throughout tape operation.
- 2 Open the tape key flap marked "**PULL TO OPEN**" on the front panel.
- 3 Press **STOP•OPEN** ■ ▲ to open the tape door.
- 4 Insert a recorded tape and close the tape door.
- Load the tape with the open side downward and the full spool to the left.
- 5 Press **PLAY** ► to start playback.
- The key is automatically released at the end of a tape, except if **PAUSEII** has been activated.
- 6 To pause, press **PAUSEII**. Press again to resume.
- 7 By pressing ◀◀ or ▶▶ on the system fast winding of tape is possible in both directions.
- 8 To stop the tape, press **STOP•OPEN** ■ ▲.

Note:

– The source cannot be changed while playing or recording a tape.

General information on recording

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- For recording, use only NORMAL (IEC type I) tapes on which the tabs have not yet been broken. This deck is not suited for recording on METAL (IEC IV) type tapes.

Synchro start CD recording

- 1 Select **CD** source.
- 2 Insert a disc and if desired, programme track numbers.
- 3 Press **STOP•OPEN** ■ ▲ to open the tape door.
- 4 Insert a suitable tape into the deck and close the tape door.
- 5 Press **RECORD** to start recording.
→ Playing of the CD programme starts automatically from the beginning of the CD after 7 seconds. It is not necessary to start the CD player separately.

To select and record a particular passage within a CD track:

- Press and hold down on I◀◀ ▶▶I. Release the control when you recognize the passage you want.
- To pause CD playback, press ►II .
- Recording starts from this exact point in the track when you press **RECORD** ●.
- 6 To pause, press **PAUSEII**. Press again to resume.
- 7 To stop recording, press **STOP•OPEN** ■ ▲.

Recording from the radio

- 1 Tune to the desired radio station (see Tuning to radio stations).
- 2 Press **STOP•OPEN** ■ ▲ to open the tape door.
- 3 Insert a suitable tape into the deck and close the tape door.
- 4 Press **RECORD** ● to start recording.
- 5 To interrupt playback press **PAUSE** II To resume, press this key again.
- 6 To stop recording, press **STOP•OPEN** ■ ▲.

Listening to an external source

You can listen to the sound of the connected external device through your system's speakers.

- 1 Select **AUX** source by pressing **SOURCE** (or **AUX** on the remote control).
- 2 Use a cinch cable (not supplied) to connect MC 147's AUX jack (3.5 mm, located on the back panel) to an AUDIO OUT or headphone jack on an external equipment (such as CD player; or VCR).

The making of unauthorized copies of copy-protected material, including computer programmes, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.



Be responsible
Respect copyrights

Maintenance

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.

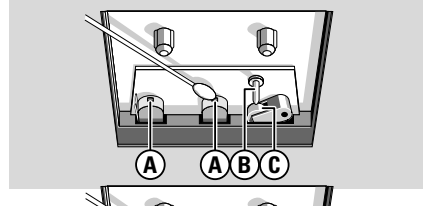


Cleaning the disc lens

- 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.

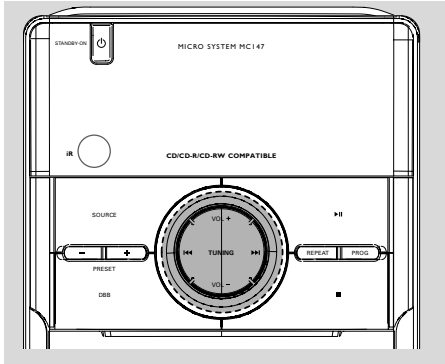
Cleaning the Heads and the Tape Paths

- To ensure good recording and playback quality, clean the heads (A), the capstan(s) (B), and pressure roller(s) (C) after every 50 hours of tape operation.
- Use a cotton swab slightly moistened with cleaning fluid or alcohol.
- You can also clean the heads by playing a cleaning tape once.



Demagnetising the heads

- Use a demagnetising tape available at your dealer.



Setting the clock

- 1 In standby mode, press and hold **CLOCK/DISPLAY** on the remote control set for 2 seconds.
- 2 Press **PROG** to select 12-hour or 24-hour display.
- 3 Press **CLOCK/DISPLAY** to confirm.
→ The clock digits for the hours flash.
- 4 Press **TUNING** **◀◀ ▶▶** (**◀▶ ▶▶** on the remote control) to set the hours.
- 5 Press **CLOCK/DISPLAY** again.
→ The clock digits for the minutes flash.
- 6 Press **TUNING** **◀◀ ▶▶** (**◀▶ ▶▶** on the remote control) to set the minutes.
- 7 Press **CLOCK/DISPLAY** to confirm the time.

Setting the timer


- The system can be used as an alarm clock, whereby the CD or TUNER is switched on at a set time. The clock time needs to be set first before the timer can be used.
- 1 In standby mode, press and hold **TIMER** about 2 seconds on the remote control.
 - 2 Press **SOURCE** (or **DISC/TUN** on the remote control) to select sound source.
 - 3 Press **TIMER** to confirm your desired mode.
→ The clock digits for the hours flash.
 - 4 Press **TUNING** **◀◀ ▶▶** (**◀▶ ▶▶** on the remote control) to set the hours.
 - 5 Press **TIMER** again.
→ The clock digits for the minutes flash.

- 6 Press **TUNING** **◀◀ ▶▶** (**◀▶ ▶▶** on the remote control) to set the minutes.
- 7 Press **TIMER** to confirm the time.
→ The timer is now set and activated.

Notes :



- If CD source is selected and no disc is in the CD tray or the disc has an error, TUNER will be selected automatically.

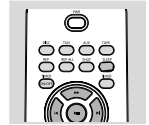
Activating and deactivating TIMER

- In standby or during playback, press **TIMER ON/OFF** once.
→ Display shows  if activated, and disappears if deactivated.

Activating and deactivating SLEEP

The sleep timer enables the system to switch off by itself after a set period of time.

- Press **SLEEP** on the remote control once or more.
→ Display shows **zzZ** and one of the sleep time options in sequence: 60, 45, 30, 15, 0, 60... if you have selected a time.
- To deactivate, press **SLEEP** on the remote control once or more until "  " is shown, or press **STANDBY ON**  on the system (or **POWER** on the remote control).
→ **zzZ** disappears from the display.



Specifications

AMPLIFIER

Output power 2 x 2W RMS
Signal-to-noise ratio \geq 60 dBA (IEC)
Frequency response 125 – 16000 Hz
Impedance loudspeakers 8 Ω

CD PLAYER

Frequency range 125 – 16000 Hz
Signal-to-noise ratio 65 dBA

TUNER

FM wave range 87.5 – 108 MHz
MW wave range 531 – 1602 kHz
Sensitivity
– FM 26 dB sensitivity 20 μ V
– MW 26 dB sensitivity 5 mV/m
Total harmonic distortion \leq 5%

TAPE DECK

Frequency response
Normal tape (type I) 125 – 8000 Hz (8 dB)
Signal-to-noise ratio
Normal tape (type I) 40 dBA
Wow and flutter \leq 0.4% JIS

SPEAKERS

Bass reflex system
Dimensions (w x h x d) .. 134 x 230 x 152 (mm)

GENERAL INFORMATION

AC Power 110 – 127 / 220 – 240 V;
..... 50/60 Hz Switchable
Dimensions (w x h x d) .. 148 x 233 x 216 (mm)
Weight (with/without speakers)
..... approx. 3.65 / 1.53 kg
Power consumption
Active 15 W
Standby < 4 W

Specifications and external appearance are subject to change without notice.

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 CD” is displayed.	<ul style="list-style-type: none"> ✓ Insert a disc. ✓ Check if the disc is inserted upside down. ✓ Wait until the moisture condensation at the lens has cleared. ✓ Replace or clean the disc, see “Maintenance”. ✓ Use a finalized CD-RW or CD-R.
Radio reception is poor.	<ul style="list-style-type: none"> ✓ If the signal is too weak, adjust the antenna or connect an external antenna for better reception. ✓ Increase the distance between the Mini HiFi System and your TV or VCR.
Recording or playback cannot be made.	<ul style="list-style-type: none"> ✓ Clean deck parts, see “Maintenance”. ✓ Use only NORMAL (IEC I) tape. ✓ Apply a piece of adhesive tape over the missing tab space.
The system does not react when buttons are pressed.	<ul style="list-style-type: none"> ✓ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	<ul style="list-style-type: none"> ✓ Adjust the volume. ✓ Disconnect the headphones. ✓ Check that the speakers are connected correctly. ✓ Check if the stripped speaker wire is clamped.
The left and right sound outputs are reversed.	<ul style="list-style-type: none"> ✓ Check the speaker connections and location.

Troubleshooting

Problem	Solution
The remote control does not function properly.	<ul style="list-style-type: none">✓ Select the source (CD or TUNER, for example) before pressing the function button (▶, ◀, ▶).✓ Reduce the distance between the remote control and the system.✓ Insert the batteries with their polarities (+/- signs) aligned as indicated.✓ Replace the batteries.✓ Point the remote control directly towards the IR sensor.
The time is not working.	<ul style="list-style-type: none">✓ Set the clock correctly.✓ Press TIMER to switch on the timer.✓ If recording or tape dubbing is in progress, stop recording.
The Clock/Timer setting is erased.	<ul style="list-style-type: none">✓ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.

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一般事項

感謝您購買本產品。歡迎來到飛利浦的世界！
為充分享受飛利浦為您提供的好處，請至下列位置註冊產品：
www.philips.com/welcome!

重要事項！

– 請注意位於本機背部的電壓選擇器已被廠家預設為 **220V**。若你的國家使用 **110V-127V** 電壓，請在開啓本機前將電壓選擇器的電壓設定為 **110V-127V**。

隨機配件

- 揚聲器音箱一對
- 遙控器

環保資訊

我們已把多余的包裝材料省掉。並盡量使包裝物容易地分為如下三種材料：紙板（紙箱）、聚苯乙烯泡沫塑料（減震）和聚乙烯（包裝袋和保護性泡沫膠紙）。
若由專業公司進行拆卸，你這臺產品中含有某些材料可再循環使用。在處理這些廢棄的包裝材料、耗盡電池及舊設備時，請遵守當地的有關法規。

安全須知

- 在操作本機之前，應先確定本機銘牌上的操作電壓（或者電壓選擇器旁所注明的電壓）與你當地的電源電壓相同。若不相同，請向你的經銷商諮詢。
- 電源插頭用作中斷連接裝置之處，中斷連接裝置仍可隨時進行操作。
- 將本機放置在堅穩的平面上。
- 勿讓本機受到水滴或水濺。
- 降本機安裝在交流電源插座附近，以方便拔插電源插頭。
- 將本機放置在通風良好的地方，以防止熱量積聚在機內。確保機身的後部和頂部最少留有
- 10 厘米（4 英寸）的空隙，左右兩邊最少有留有 5 厘米（2 英寸）的空隙。
- 通風孔不應覆蓋諸如報紙、桌布和窗簾等物品而妨礙通風。
- 勿讓本系統、電池或光碟暴露在潮濕、雨淋和多塵的環境，也不要將它們放置在加熱設備附近或陽光直射的場所，以免過度受熱。
- 在本機上不應放置裸露的火焰源，如點燃的蠟燭。
- 在本機上不應放置諸如花瓶一類的裝滿液體的物品。

- 如果直接將本機從較冷的環境搬到較暖的環境或放置在一個十分潮濕的房間，機內的激光頭可能蒙上水汽，這時將不能正常播放光碟。如果出現這種情況，可取出光碟並將本機接通電源約一小時，直至能正常播放為止。
- 本機的機械部件使用自潤滑式軸承，不可任意使用潤滑油或油脂。
- 當本機處於待機狀態時仍會消耗能量。若要完全切斷本機的電源，必須將交流電源插頭從牆上插座中拔出。

安全收聽

收聽時音量要適中。

- 耳機音量過高會損壞您的聽力。此產品可以產生分貝強度足以損壞正常人聽覺的聲音，即使暴露在此音量下的時間不超過一分鐘。較高的分貝範圍是為聽力已經受損的人士準備的。
- 聲音有時會給您錯覺。聽了一段時間，聽覺“舒適度”就會適應更高的音量。因此，聽得太久，“正常”的音量實際上已經很大聲，並且會損害您的聽力。為了預防這個問題，請在聽覺適應一定的音量前將音量調至安全水平並保持該音量。

設定安全的音量：

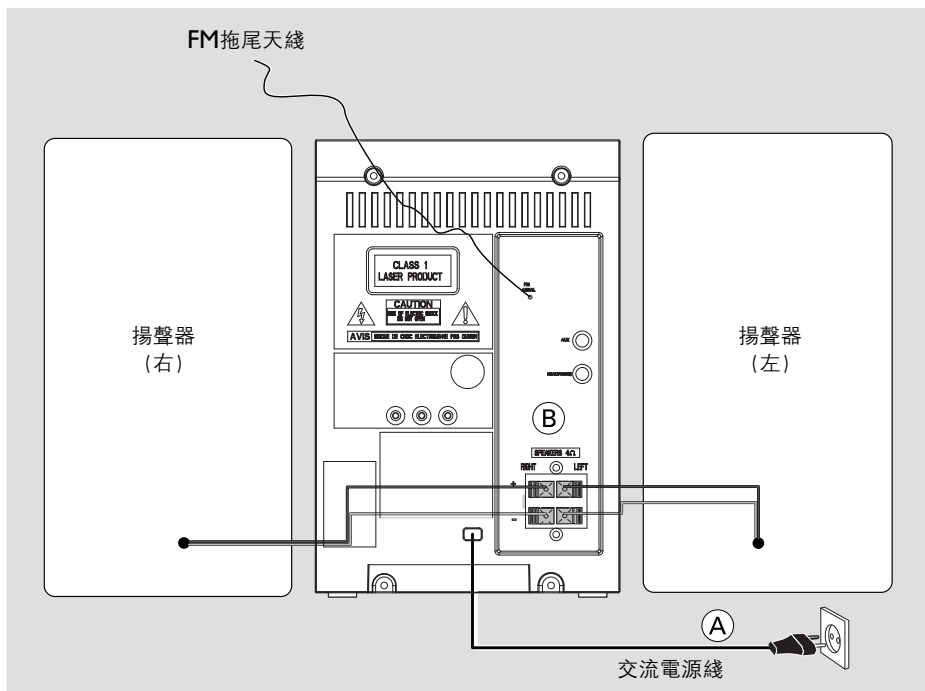
- 先將音量控制設定在一個低水平。
- 然後慢慢提高，直到您聽起來舒服清晰且完全沒有失真。

收聽時間應有所節制：

- 即使在“安全”水平下，長時間收聽也會損害聽力。
- 請務必適度使用您的設備，並適時暫停休息。

使用耳機時務必遵守以下規範。

- 收聽的音量和時間應適度。
- 注意不要根據您聽力的適應程度調節音量。
- 請勿將音量調節得過高而使您無法聽到周圍的聲音。
- 身處有潛在危險的場所時，請小心或暫停使用耳機。
- 開車、騎自行車、溜冰時請勿使用耳機，否則會造成交通危險，這在許多國家都屬違法行爲。



背面的連接

銘牌位于本機背面。

A 交流電源

- 在把交流電源線連接至牆上的交流電源插座之前，必須確保所有其他連接事項已經完成。
- 如果機上裝有電壓選擇器，必須調節該選擇器使它與你當地的電源電壓相符。

警告！

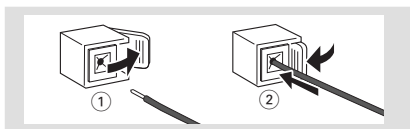
- 為獲得最佳的操作狀態，應使用原本的電源線。
- 開啓電源后，切勿進行或更換任何連接事項。

為避免過熱起見，本機設有安全電路。因此當本機出現極限狀況時，它將會自動切換至待機狀態。這時，應讓本機冷卻后再使用（僅限于某些型號）。

B 連接揚聲器

前置揚聲器

將揚聲器導線連接至 SPEAKERS 端子，右邊揚聲器接 "RIGHT" 端子，左邊揚聲器接 "LEFT" 端子。顏色線（有標記）接 "+" 極，黑色線（無標記）接 "-" 極。



- 如圖所示，將揚聲器導線的裸露部分充分插入揚聲器端子并夾緊。

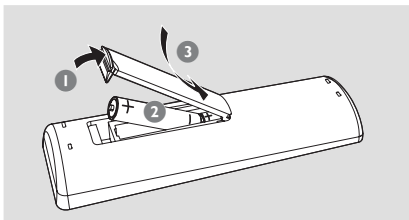
注：

- 為確保最佳音效，請使用隨附的揚聲器。
- 切勿把一對以上的揚聲器連接至任何一對揚聲器的 +/- 端子。
- 所連接揚聲器的阻抗不能低于隨附揚聲器的額定阻抗。請參閱本使用說明書內的“技術規格”一節。

準備工作

裝入遙控器電池

- 1 打開電池盒。
- 2 根據電池盒的 +/- 標示裝入兩節 AAA 型號電池。
- 3 關上電池盒蓋。



使用遙控器操作本機

- 1 裝遙控器直接對准前面板上的 IR 紅外線遙控訊號接收器。
- 2 操作本 DVD 播放機時，請不要在遙控和本機之間放置任何障礙物。

注意！

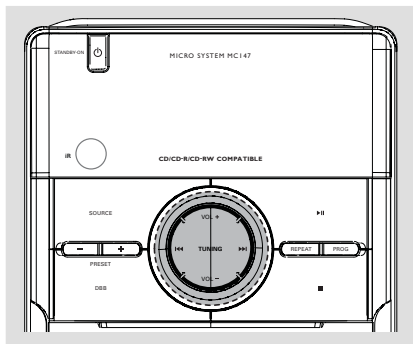
- 如果電池電量耗盡或長期不使用，應將電池取出。
- 切勿將新電池與舊電池或不同類型的電池混合使用。
- 電池含有化學物質，因此用后請予以妥善的棄置處理。

主機和遙控器上的控制鍵

- ① **STANDBY ON** 
 - 開啓系統或將其切換為備用模式。
- ② **iR 紅外線訊號傳感器**
 - 接收遙控器紅外線訊號的傳感器。
- ③ **SOURCE**
 - 選擇下列聲源：CD (光碟) / TUNER (收音機) / TAPE (磁帶) / AUX (外部聲源)。
 - 開機。
- ④ **PRESET +/-**
 - 用于收音機 選擇一個預設電臺。
- ⑤ **DBB (動態低音增強)**
 - 增強低音。
- ⑥ **TUNING**  
 - 用于收音機 調諧選臺。
 - 用于 CD 跳至當前曲目、前一首或后一首曲目的開頭。
 - 在一首曲目 / CD 中向后或向前搜索。
 - 用于時鐘/計時器
 - 調整時鐘 / 計時器的小時和分鐘。
- VOLUME (VOL +/-)**
 - 調節音量。
- ⑦ 模式選擇
 - **▶||** 開始或暫停 CD 播放。
- ⑧ **REPEAT**
 - 重復播放一首曲目 / 一張光碟 / 所有已編輯的曲目。
- ⑨ **PROG**
 - 用于 CD 編輯及查看曲目播放清單。
 - 用于收音機 以手動或自動方式預設電臺。
- ⑩ **■**
 - 停止 CD 播放或者清除一個 CD 曲目播放清單。
- ⑪ **PULL TO OPEN**
 - 打開 / 關閉 CD 門蓋。
- ⑫ **磁帶座操作**
 - **RECORD**  開始錄音。
 - **PLAY**  開始播放。
 - **SEARCH**  
 - 快速倒帶 / 進帶。
 - **STOP•OPEN**  
 - 停止磁帶操作；打開磁帶室。
 - **PAUSE**  暫停錄音或暫停播放。
- AUX 插口 (位于背面板)**
 - 連接外部聲源 (3.5 mm 插口)
- HEADPHONE (位于背面板)**
 - 連接耳機

僅出現在遙控器上的控制鍵

- ⑬ **REP ALL**
 - 重復播放一首曲目 / 一張光碟 / 所有已編輯的曲目。
- ⑭ **SHUF**
 - 亂序播放 CD 曲目。
- ⑮ **SLEEP**
 - 開啓 / 關閉開機計時器或設定其功能。
- ⑯ **TIMER ON/OFF**
 - 開關定時功能。
- ⑰ **TIMER**
 - 開啓 / 關閉計時器或設定其功能。
- ⑱ **▶||**
 - 開始或暫停 CD 播放。
- ◀ / ▶**
 - 用于 CD 在一首曲目 / CD 中向后或向前搜索。
 - 用于收音機 調諧選臺。
 - 用于時鐘 / 計時器
 - 調整時鐘 / 計時器的小時和分鐘。
- ◀ ▶**
 - 用于 CD 跳至當前曲目、前一首或后一首曲目的開頭。
- ⑲ **VOL +/-**
 - 調節音量。
- ⑳ **MUTE**
 - 暫停或恢復聲音播放。
- ㉑ **CLOCK/DISPLAY**
 - 用于時鐘 設置時鐘功能。
 - 查看時鐘。



重要事項!

開始操作本機之前，必須完成全部的準備工作。

開機

- 按 **STANDBY ON** 或 **SOURCE** 鍵 (或遙控器上的 **POWER** 鍵)。
→ 本機將切換到上次所選的聲源。
- 按遙控器上的 **DISC**, **TUN**, **TAPE** 或 **AUX** 鍵。
→ 本機將切換到所選的聲源。

將本機將切換到待機模式

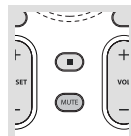
- 按主機 **STANDBY ON** 鍵 (或遙控器上的 **POWER** 鍵)。

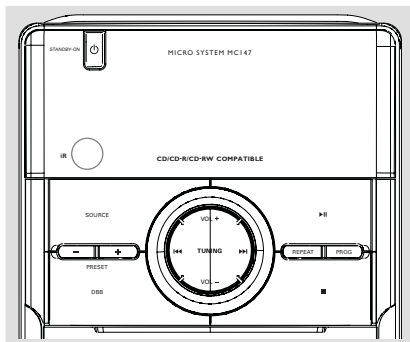
省電自動待機

在 CD 播放結束且未進行其他操作的 15 分鐘后該省電特功能會自動將本機切換至待機模式。

調節音量和音效

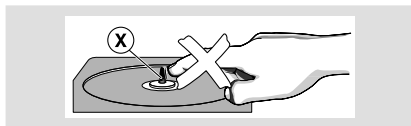
- 1 按 **VOL +/-** 可調校音量。
→ 顯示屏顯示 "VOL" 字樣 (代表音量電平) 以及一個 0-32 之間的數字 (代表音量大小)。
 - 2 按 **DBB** 鍵開啓或關閉低音增強功能。
→ 如果 **DBB** 功能開啓，顯示屏顯示: **DBB**。
 - 3 按遙控器上的 **MUTE** 鍵立即暫停聲音重放。
→ 播放將繼續，但沒有聲音。
- 要啓動聲音重放，你可以：
 - 再按 **MUTE** 鍵；
 - 調節音量控制器；
 - 改變音源。





重要事項!

切勿觸摸雷射唱機的激光頭!



裝入光碟

本機可播放各種音頻光碟 (Audio Disc), 包括可刻錄光碟 (CD-R) 及可重刻錄光碟 (CD-RW)。

- 然而, 本機不能播放 CD-ROM, CD-I, CDV, MP3 CD, VCD, DVD 或電腦 CD 光碟。
- 1 選擇 **CD** 聲源。
 - 2 提起系統頂部的 CD 蓋, 打開 CD 格。
→ 當光碟艙門蓋打開時, "OPEn" (打開) 字樣顯示。
 - 3 放入一張光碟 (印刷商標面朝上), 并按下 **PULL TO OPEN** 鍵關上 CD 門蓋。
→ 當雷射唱機掃描光碟內容時, 顯示屏顯示 "rEAd" (讀取) 字樣, 然後顯示曲目總數。



基本的播放控制

播放光碟

- 按 **▶||** 鍵開始播放。
→ 播放光碟期間會顯示目前的曲目編號以及 **PLAY** 圖示。

選擇一首不同曲目

- 按一次或重複按 **TUNING ◀◀▶▶|** (遙控器上的 ◀▶|) 鍵, 直至該想要的曲目序號出現在顯示屏上。

在一首曲目中尋找一個段落

- 1 按住 **TUNING ◀◀▶▶|** (遙控器上的 ◀◀▶▶) 鍵。
→ 光碟以高速度低音量播放。
- 2 當找到你想要的段落時, 立刻放開 **TUNING ◀◀▶▶|** (遙控器上的 ◀◀▶▶) 鍵。
→ 正常播放繼續進行。

暫停播放

- 播放期間, 按 **▶||** 鍵。
→ 播放中斷時, 螢幕會定格并閃爍顯示 **PLAY** 圖示。
→ 要恢復播放, 再按 **▶||** 鍵。

停止播放

- 按 **■** 鍵。

注: 在下列情況下 CD 播放也將停止:

- CD 門蓋被打開;
- 光碟已播放完畢;
- 你選擇另一個聲源: **TUNER, TAPE** 或 **AUX**;
- 你選擇待機 (*standby*);
- 你按下磁帶座的 **▶** 鍵。

不同的播放模式：亂序 (SHUFFLE) 和重復 (REPEAT) 播放

你可以在播放前或播放期間選擇和改變不同的播放模式。播放模式不可與 PROGRAMME 結合使用。

SHUF 以亂序方式播放整張光碟中的曲目。

REP ALL 重復播放整張光碟 / 曲目播放清單。

REP 重復播放當前的曲目。

- 1 要選擇“重復”播放模式，請在機身上按 **REPEAT** 或在遙控上按 **REP ALL**。
- 要選擇“隨機”播放模式，請在遙控上按 **SHUF**。
- 2 如果在停止位置，按 **▶||** 鍵開始播放。
- 3 要回復正常播放，按相應的 **REPEAT**（主機上），**REP ALL** 或 **SHUF** 鍵（遙控器上）直至各種 SHUFFLE/ REPEAT 模式字樣不再顯示為止。
- 在播放期間按下 **■** 可停止重復 / 隨機播放。
- 再次按下 **■** 可取消重復 / 隨機播放模式。

注：

– 你可同時使用“隨機”與“重復”功能。

編輯曲目播放清單

在播放停止時可以編輯光碟曲目播放清單。你可以按任何次序將多達 20 首曲目儲存在記憶中。如果你喜歡，可以把任一首曲目儲存多次。

- 1 在停止模式下，使用 **TUNING** **◀◀▶▶**（遙控器上的 **◀▶**）鍵選擇你想要編輯的曲目序號。
- 2 按 **PROG** 鍵儲存這個要被儲存的曲目序號。
→ 已編輯的曲目序號和 **PROG** 字樣短暫顯示，然後是所選擇的曲目序號。
- 3 重複步驟 1-2 選擇和儲存所有你想要的曲目序號。
- 4 要開始播放你的光碟曲目播放清單，按 **▶||** 鍵。

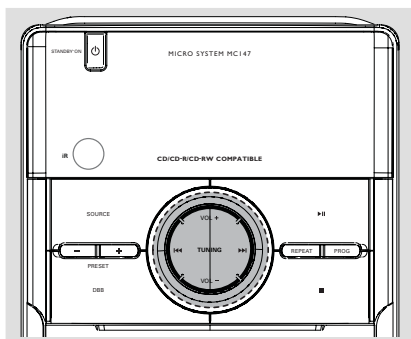
查看曲目播放清單

- 停止播放并按 **PROG** 鍵。

刪除曲目播放清單

你可用下列方法刪除曲目播放清單：

- 在停止位置，按 **■** 鍵一次；
- 在播放期間，按 **■** 鍵兩次；
- 打開 CD 門蓋：
→ **PROG** 標誌從顯示屏中消失。



調諧選臺

- 1 重復按機上的 **SOURCE** 鍵或重復按遙控器上的 **TUN** 鍵直至想要的波段 (FM 或 MW) 顯示。
- 2 按下 **TUNING** ◀◀▶▶ (或遙控器上的 ◀◀▶▶) 鍵，然後放開該鍵。
→ 收音機自動調諧到一個訊號強度令人滿意的電臺。自動調諧期間，顯示屏顯示 "SrcH" 字樣。
- 3 如果需要，可重復步驟 2，直至找到你想要的電臺。
- 要調諧到另一個頻率較弱的電臺，可重復快按 **TUNING** ◀◀▶▶ (或遙控器上的 ◀◀▶▶) 鍵，直至獲得最佳的接收。

預設電臺

你可在本機的記憶體中儲存多達 40 個電臺。

自動預設電臺

自動預設電臺會自動從一個自選的序號開始以遞增方式預設電臺。任何先前預設的電臺都將被取代。本機將只會預設尚未儲存在記憶體中的電臺。

- 1 按 **PRESET +/-** 鍵選擇開始進行預設的電臺序號。

注：

— 如果你不選擇預設電臺序號，本機將從默認的序號 (1) 開始自動預設電臺，而以前編輯的所有預設電臺都將被取代。

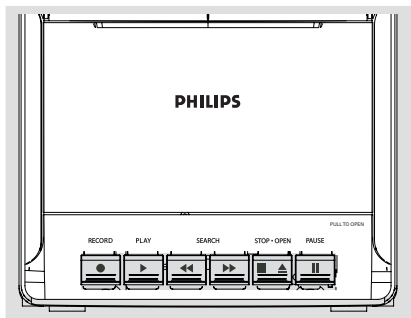
- 2 按 **PROG** 鍵超過兩秒以啓動編輯功能。
→ "AUTO" 字樣顯示，可接收到的電臺將以波段接收的強弱順序進行編輯。然後，第一個自動儲存的預設電臺將會播放。

手動預設電臺

- 1 調諧到一個你想要的電臺 (見“調諧選臺”一節)。
- 2 按 **PROG** 鍵啓動編輯功能。
→ **PROG** 標志在顯示屏閃動。
- 3 按 **PRESET +/-** 鍵從 1 到 20 指定一個數字為該電臺的序號。
- 4 再按 **PROG** 鍵確認所作的設定。
→ **PROG** 標志消失，該預設電臺序號和頻率顯示。
- 5 重復以上四個步驟以儲存其他電臺。
- 你可在某一預設電臺的位置儲存另一個頻率而取代該預設電臺。

選擇預設電臺

- 按 **PRESET +/-** 鍵直至想要的預設電臺顯示。



磁帶播放

- 1 選擇 **TAPE** (磁帶) 聲源。
→ 磁帶操作期間，顯示屏一直顯示 "tAPE" 字樣。
- 2 打開前面板上標有 "PULL TO OPEN" 字樣的磁帶機按鍵蓋板。
- 3 按 **STOP-OPEN** ■▲ 鍵打開磁帶座門蓋。
- 4 放入一盒預錄的磁帶並關上磁帶座門蓋。
 - 放入磁帶時，應把露出帶子的一端朝下，卷滿帶子的一端朝左。
- 5 按 **PLAY** ▶ 鍵開始播放。
 - 當磁帶轉到末端時 **PLAY** ▶ 鍵會自動跳回原位，除非 **PAUSE** ■■ 鍵已被按下。
- 6 要暫停播放，按 **PAUSE** ■■ 鍵。要恢復播放，再按該鍵。
- 7 按機上的 ◀◀ 或 ▶▶ 鍵可以快速倒帶或快速進帶。
- 8 要停止磁帶操作，按 **STOP-OPEN** ■▲ 鍵。

注：

- 在磁帶播放或錄音時，不能改變聲源。

關於錄音的一般說明

- 祇有在不侵犯第三方版權或其它權益的情況下，才可進行錄音工作。
- 要進行錄音時，祇可使用防抹保護片未被剔除的 **NORMAL (IEC 型)** 普通磁帶。本機不適宜使用 **METAL (IEC IV)** 型金屬帶錄音。

- 錄音電平自動設定，調節 **VOLUME** 或 **DBB** 控制器都不會影響錄音。
- 取決於你所用的錄音聲源和錄音磁帶，錄音質素可能有所不同。
- 磁帶兩端各有一段引帶。因此在其開端和結尾部分各有七秒時間不能用於錄音。
- 爲了防止意外錄音，可將你想保護的磁帶面左邊的防抹保護片剔除。這樣就不能在該磁帶面錄音。如想再在該磁帶面錄音，使用一片膠帶將開口處蓋住即可。

CD 同步播放及錄音

- 1 選擇 **CD** 聲源。
- 2 放入一張光碟，如果需要，可以編輯曲目播放清單。
- 3 按 **STOP-OPEN** ■▲ 鍵打開磁帶座門蓋。
- 4 將一盒適合的磁帶放入磁帶座並關上磁帶座門蓋。
- 5 按 **RECORD** ● 鍵開始錄音。
→ 7 秒後，**CD** 曲目播放清單會自動從 **CD** 始端開始播放。你不必另行啓動雷射唱機。

在一首 CD 曲目中選錄一個段落：

- 按住 ◀◀▶▶ 鍵。當找到你想要的段落時，立刻放開該鍵。
- 要暫停 **CD** 播放，按 ▶■ 鍵。
- 當你按 **RECORD** ● 鍵時，本機會準確地從曲目中的這一點開始錄音。
- 6 要暫停播放，按 **PAUSE** ■■ 鍵。要恢復播放，再按該鍵。
- 7 要停止錄音，按 **STOP-OPEN** ■▲ 鍵。

從收音機中錄音

- 1 選擇一個想要的電臺（見“調諧選臺”一節）。
- 2 按 **STOP•OPEN** ■▲ 鍵打開磁帶座門蓋。
- 3 將一盒適合的磁帶放入磁帶座并關上磁帶座門蓋。
- 4 按 **RECORD** ● 鍵開始錄音。
- 5 要暫停播放，按 **PAUSE** ■ 鍵。要恢復播放，再按該鍵。
- 6 要停止錄音，按 **STOP•OPEN** ■▲ 鍵。

聆聽外部聲源

您可透過本機的揚聲器聆聽外部聲源的聲音。

- 1 按主機上的 **SOURCE**（或遙控器上的 **AUX**）鍵選擇 **AUX** 聲源。
- 2 使用綫將 **MC147** 的 **AUX** 插口連接到外部設備的 **AUDIO OUT** 插口或耳機插口。

維護保養

清潔機殼

- 使用一塊稍微蘸有中性清潔劑的軟布抹擦。請勿使用帶有酒精、氨水或磨砂物質的清潔劑。

清潔光碟

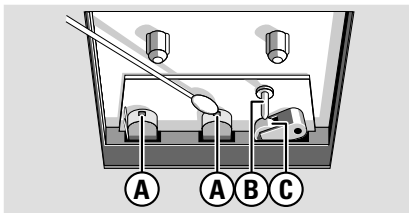
- 當光碟比較骯髒時，應該用一塊不起毛的清潔布來抹擦。抹擦時應從中央向外抹擦，而不要沿圓周方向抹擦。
- 切勿在光碟上使用苯、稀釋劑和市面上售賣的清潔劑等溶劑，也不可使用模擬唱片用的抗靜電噴劑。

清潔光碟機的激光頭

- 光碟機使用一段時間後，一些髒物或塵土便會聚集在機內的激光頭上。為了確保獲得良好的播放效果，請使用飛利浦公司的 CD 激光頭清潔劑或其它市售的清潔劑來清潔激光頭。清潔時請按照清潔劑的使用說明進行。

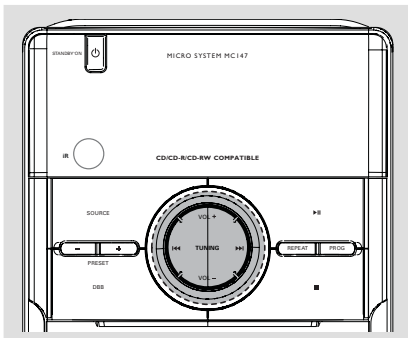
清潔磁頭和走帶部件

- 為確保良好的錄音及放音品質，每使用 50 小時後，應清潔磁頭 (A)，主動軸 (B) 和橡膠壓輪 (C)。
- 使用一支蘸有少量酒精或磁頭清潔劑的棉花棒清潔磁頭。
- 你也可以使用磁頭清潔帶，像播放普通磁帶一樣播放一次，以清潔磁頭。



對磁頭消磁

- 使用從你的代理商獲得的消磁帶對磁頭進行消磁。



設定時鐘

- 1 在待機模式，按 **CLOCK/DISPLAY** 鍵 2 秒。
- 2 按 **PROG** 可選擇 12 小時或 24 小時顯示模式。
- 3 按 **CLOCK/DISPLAY** 以確認。
→ 代表小時的時鐘數字閃動。
- 4 按 **TUNING** ◀◀ ▶▶ (或遙控器上的 ◀◀ ▶▶) 鍵設定小時。
- 5 再按 **CLOCK/DISPLAY** 鍵。
→ 代表分鐘的時鐘數字閃動。
- 6 按 **TUNING** ◀◀ ▶▶ (或遙控器上的 ◀◀ ▶▶) 鍵設定分鐘。
- 7 按 **CLOCK/DISPLAY** 鍵確認所設定的時間。

設定計時器

- 本機能作為鬧鐘使用，在預定的時間自動播放 CD 或收音機把你喚醒。在設定計時器之前，必須首先設定好時鐘。
- 1 在待機模式，按 **TIMER** 鍵約兩秒。
 - 2 按 **SOURCE** 鍵 (或遙控器上的 **DISC/TUN** 鍵) 選擇聲源。
 - 3 按 **TIMER** 鍵確認你想要的模式。
→ 代表小時的時鐘數字閃動。
 - 4 按 **TUNING** ◀◀ ▶▶ (或遙控器上的 ◀◀ ▶▶) 鍵設定小時。

- 5 再按 **TIMER** 鍵。
→ 代表分鐘的時鐘數字閃動。
- 6 按 **TUNING** ◀◀ ▶▶ (或遙控器上的 ◀◀ ▶▶) 鍵設定分鐘。
- 7 按 **TIMER** 鍵確認所設定的時間。
→ 這時，計時器即已被設定并啟動。

注：

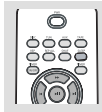
— 如果選擇了 CD 聲源，而 CD 倉裏沒有光碟或光碟出錯，則會自動選擇收音機聲源。

開啓與關閉計時器

- 在待機模式或播放期間，按 **TIMER ON/OFF** 鍵一次。
→ 如果計時器開啓，顯示屏顯示 ⌚ 標志；如果計時器關閉，標志消失。

開啓與關閉關機計時器

關機計時器能使本機在一個預設的時間長度后自動關閉。

- 按遙控器上的 **SLEEP** 鍵一次或多次。
→ 顯示屏顯示 zZ 圖標，而且，如果你已選擇了一個時間，顯示屏會依次序顯示下列其中一個關機計時器選項：60, 45, 30, 15, 0, 60...

- 要關閉關機計時器，按遙控器上的 **SLEEP** 鍵一或多次，直至 "0" 字樣顯示，或按主機上的 **STANDBY ON** ⏻ 鍵或遙控器上的 **POWER** 鍵。
→ zZ 圖標從顯示屏中消失。

擴音機

輸出功率	..... 2 x 2 瓦 RMS
訊噪比 ≥ 60 dBA (IEC)
頻率響應	..... 125 – 16000 赫
揚聲器阻抗	..... 8 歐姆

CD 光碟機

頻率響應	..... 125 – 16000 赫
訊噪比	..... 65 dBA

收音機

FM 波段範圍	..... 87.5 – 108 兆赫
MW 波段範圍	..... 531 – 1602 千赫
阻抗為 75 歐姆時的靈敏度	
– FM 26 分貝靈敏度	..... 20 微伏
– MW 26 分貝靈敏度	..... 5 毫伏/米
總諧波失真	..... $\leq 5\%$

磁帶座

頻率響應	
普通磁帶 (I 型)	..... 125 – 8000 赫 (8 分貝)
訊噪比	
普通磁帶 (I 型)	..... 48 dBA
抖晃率	..... $\leq 0.4\%$ JIS

揚聲器

低音反射系統	
外形尺寸 (寬x高x深)	134 x 230 x 152 (毫米)

一般資料

交流電源	..... 110 – 127 / 220 – 240 伏;
	..... 50 / 60 赫;可轉換
外形尺寸 (寬x高x深)	.....
	..... 148 x 233 x 216 (毫米)
重量 (含/不含揚聲器)	..... 約. 3.65 / 1.53 公斤
功率消耗	
工作時	..... 15 瓦
待機時	..... < 4 瓦

規格和外觀如有改變，恕不另行通知。

故障排除

警告

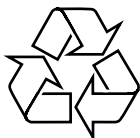
無論任何情況你都不應自己動手修理本機，因為這將會令你無法獲得保修服務。切勿打開機件，慎防觸電。如果本機出現故障，在送去修理之前請先檢查下表所列各項。如果這些方法仍未能解決問題，請向你的經銷商或飛利浦求助。

問題	解決方法
“NO CD”字樣顯示。	<ul style="list-style-type: none">✓ 載入光碟。✓ 檢查光碟是否顛倒放置。✓ 靜待激光頭上的水汽蒸發至激光頭完全清晰為止。✓ 更換或清潔該光碟，請參閱“維護保養”一節。✓ 使用確定的 CD-RW 或 CD-R。
收音效果差。	<ul style="list-style-type: none">✓ 如果天線訊號太微弱，可調整天線或連接戶外天線以取得最佳接收效果。✓ 增加本機與電視機或 VCR 錄象機之間的距離。
無法錄音或播放。	<ul style="list-style-type: none">✓ 清潔磁帶機的有關部分，請參閱“維護保養”一節。✓ 只可使用普通 (NORMAL) 磁帶錄音。✓ 用一塊膠帶蓋住磁帶防抹保護片被剔除的開口部分。
按下按鍵時本機播放機無反應。	<ul style="list-style-type: none">✓ 將交流電源插頭從牆上插座拔出，然后再插入并重新開機。
沒有聲音或音質差	<ul style="list-style-type: none">✓ 調節音量。✓ 拔出耳筒。✓ 檢查揚聲器的連接是否正確。✓ 確定揚聲器接線裸露部分已被夾緊。
左右聲頻輸出顛倒。	<ul style="list-style-type: none">✓ 檢查揚聲器的連接及位置。
遙控器不能正常工作。	<ul style="list-style-type: none">✓ 按下功能鍵 (▶, ◀, ▶) 之前先造好聲源。✓ 將遙控器對准主機前面的紅外線感應器操作。✓ 縮短遙控器至本機的距離。✓ 換入新電池。✓ 檢查電池是否放置正確。
計時器不工作。	<ul style="list-style-type: none">✓ 正確設定時鐘。✓ 如果正在進行錄音，中止錄音。
時鐘 / 計時器設定被刪除。	<ul style="list-style-type: none">✓ 如果電源中斷或電源插頭被拔出，應重新設定時鐘 / 計時器。

Meet Philips at the Internet
<http://www.philips.com>

English

中文



MC147



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