

*User guide*

**MAGNAVOX**  
SMART. VERY SMART.

## **MME140 MICRO SYSTEM**



## **CAUTION**

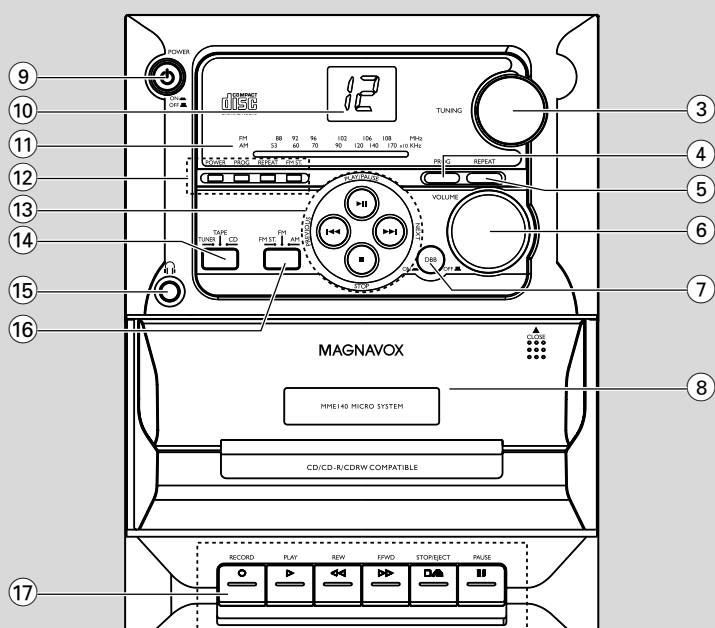
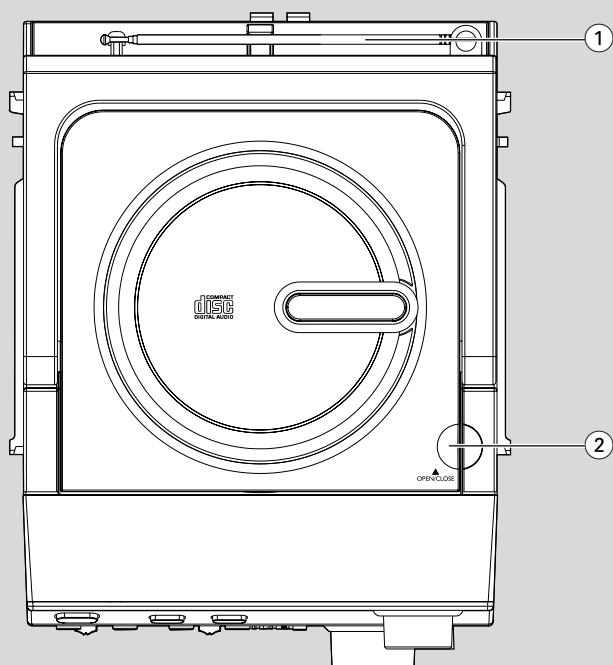
*Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.*

## **ATENCIÓN**

*El uso de mando o ajustes o la ejecución de métodos que no sean los aquí descritos puede ocasionar peligro de exposición a radiación.*

## **Cuidado**

*A utilização de comandos ou ajustes ou a execução de procedimentos diferentes dos descritos neste manual podem provocar uma exposição a radiações perigosas ou outras operações inseguras.*





English ..... 6

Español ..... 17

Português ..... 30

English

Español

Português

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## IMPORTANT!

**- The voltage selector located inside the battery compartment 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
- AC power cord

## 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.

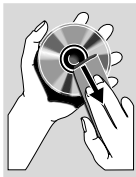
## Maintenance

### 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 center out.
- Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analog records.

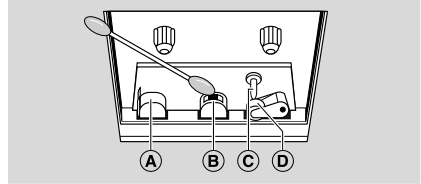


### Cleaning the disc lens

- 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) and (B), the capstan(s) (C), and pressure roller(s) (D) 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.



### Demagnetizing the heads

- Use a demagnetizing tape available at your dealer.

## Safety information

- Place the system on a flat, hard and stable surface.
- Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
- 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.
- The apparatus shall not be exposed to dripping or splashing.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.

## Controls on the system (Top and front panels)

### ① Telescopic antenna

- improves FM reception

### ② OPEN/CLOSE▲

- lifts here to open the CD door

### ③ TUNING

- tunes to radio stations

### ④ PROG

- programs tracks and reviews the program

### ⑤ REPEAT

- repeats a track, disc or a program

### ⑥ VOLUME rotary

- adjusts the volume

### ⑦ DBB (Dynamic Bass Boost)

- turns the bass enhancement on/off

### ⑧ Tape deck

### ⑨ POWER

- switches the system on or off

### ⑩ DISPLAY

- CD only: displays disc information

### ⑪ Frequency indicator

- shows the radio frequency of your selected waveband

### ⑫ Power indicator

- lights up when the system is powered on

#### PROG indicator

- flashes when program is active

#### REPEAT indicator

- flashes/lights up when repeat mode is active

#### FM ST. indicator

- lights up when stereo FM signal is received

### ⑬ PLAY/PAUSE ► II

- starts or pauses CD playback

#### STOP ■

stops playback; erase a program

◀◀ / ▶▶

- skips or searches tracks/passage backward/forward

### ⑭ Source selector: CD, TUNER, TAPE

- selects CD, radio or tape

### ⑮

- 3.5 mm headphone socket

#### Helpful hints:

– *Adjust the volume to a moderate level before you plug in the headphones.*

– *Connecting headphones will switch off the speakers.*

### ⑯ Band selector

- selects wavebands, **AM**, **FM** or **FM ST.**

### ⑰ Tape deck keys

**RECORD ●** - starts recording

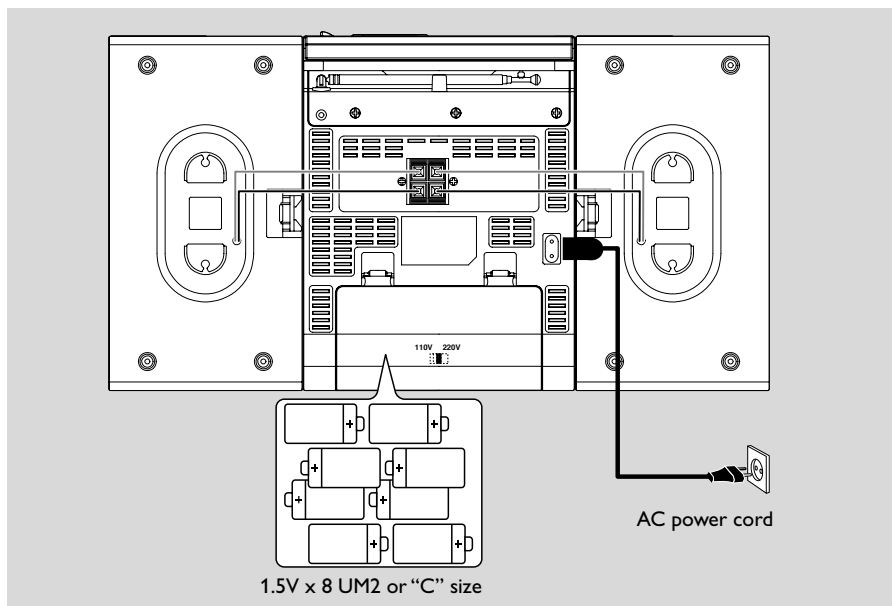
**PLAY ►** - starts playback

**REW◀◀ / F. FWD ▶▶** - fast rewinds/winds a tape

**STOP/EJECT ■▲** - stops playback or recording; opens the tape holder

**PAUSE II** - interrupts playback or recording





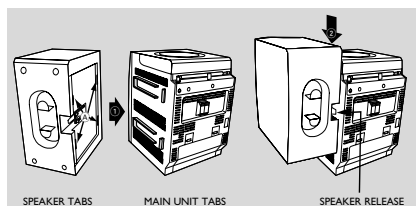
## Warning:

**Never make or change connections with the mains supply switched on.**

## Speakers

### Attaching the supplied speakers

As shown below, align the tabs between the speaker and the main unit, then slide the speakers downwards until it locks into place. Repeat the same steps to attach the other speaker.

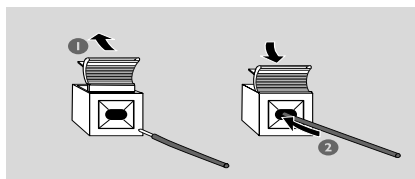


- To take off the speakers, keep the lever (found on the back of the speaker) pressed as **RELEASE ►** shown and slide the speaker upwards.

### Connecting the speakers

Use the supplied speakers only. Using other speakers can damage the set or the sound quality will be negatively affected.

- Connect the wires of the left speaker to L (red and black) and the wires of the right speaker to R (red and black) as follows:



Open the clip of the red terminal and fully insert the stripped portion of the coloured (or marked) speaker wires into the socket, then close the clip.

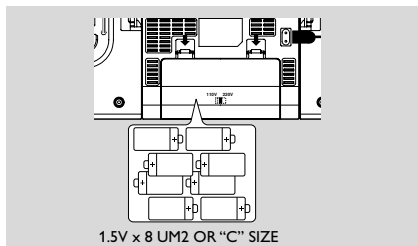
Open the clip of the black terminal and fully insert the stripped portion of the black (or unmarked) speaker wires into the socket, then close the clip.

## Power Supply

Whenever convenient, use the power supply cord if you want to conserve battery life. Make sure you remove the plug from the set and wall outlet before inserting batteries.

### Batteries (not included)

- 1 Open the battery compartment door and insert eight batteries, type R-14, UM-2 or C-cells, (preferably alkaline) with the correct polarity as indicated by the "+" and "-" symbols inside the compartment.



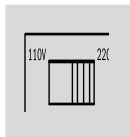
- 2 Replace the compartment door, making sure the batteries are firmly and correctly in place. The set is now ready to operate.

- Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst.
- Do not mix battery types: e.g. alkaline with carbon zinc. Only use batteries of the same type for the set.
- When inserting new batteries, do not try to mix old batteries with the new ones.
- Remove the batteries if the set is not to be used for a long time.

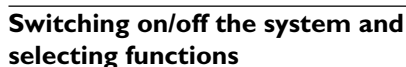
**Batteries contain chemical substances, so they should be disposed of properly.**

## Using AC power

- 1 If your system is equipped with a **VOLTAGE SELECTOR** (located inside the battery compartment), set this selector to your local power voltage if necessary.
- 2 Make sure all connections have been made before switching on the power supply.
- 3 Connect the power cable supplied to **AC ~** and to the wall socket. This switches on the power supply.



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



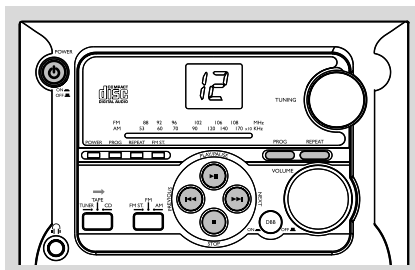
- ### Adjusting volume and sound
- Adjust the sound with the **VOLUME** and **DBB** controls.

- **Adjust the volume to a moderate level before you plug in the headphones.**

Or, adjust the **Source selector** to **TAPE** or **CD**.

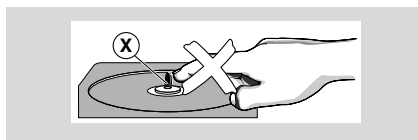
- For **FM**, extend and turn the telescopic antenna for best reception. Reduce its length if the signal is too strong.
- To tune to a weak FM station, adjust **Band selector** to **FM** (mono).
- For **AM**, the set uses a built-in antenna. Direct this antenna for best reception by turning the whole set.

# Disc Operation



## IMPORTANT:

**The lens of the CD player should never be touched.**



## Discs for playback

With this system, you can play

- all pre-recorded audio CDs (CDDA)
- all finalized audio CD-Rs and CD-RWs
- MP3, CD-ROM, CD-I, CDV, VCD, DVD or computer CDs are not possible for playback.

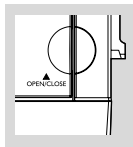


## IMPORTANT!

- This system is designed for regular discs. Therefore, do not use any accessories such as disc stabilizer rings or disc treatment sheets, etc.
- CDs encoded with copyright protection technologies by some record companies may be unplayable by this system.

## Playing discs

- 1 Adjust the **Source selector** to **CD**.
- 2 Open the CD door; and insert a CD with the printed side facing up, then press the CD door gently to close.  
→ Display shows --, and later the total number of tracks.
- 3 Press **▶||** to start playback.  
→ Display shows current track number.
- 4 To pause playback, press **▶||**. To resume, press **▶||** again.  
→ Display shows current track number and the flashing dot.
- 5 To stop playback, press **STOP ■**.



## Helpful hints:

CD playback will also stop when:

- you open the CD door;
- you select **TUNER** or **TAPE**;
- the CD has reached the end.

## Selecting and searching

### Selecting a different track

- Either briefly press **◀◀** or **▶▶** once or several times to skip to the beginning of the current, previous or subsequent track.
- In the pause/stop position, press **▶||** to start playback.

### Finding a passage within a track

- 1 During playback, press and hold **◀◀** or **▶▶**.  
→ The CD plays at a high speed and reduced volume.
- 2 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.

- 1 In the stop position, press **PROG** to activate programming.  
→ **PROG** indicator flashes.  
→ Display shows **0**, indicating the start of the program.
- 2 Press **◀◀** or **▶▶** to select your desired track..
- 3 Press **PROG** to store the desired track number:  
→ Display shows **0** for you to program the next desired track.
- 4 Repeat steps **2** to **3** to select and store all desired tracks in this way.  
→ Display shows **--** if you try to program more than 20 tracks.
- 5 To play your program, press **▶ II**.  
→ **PROG** indicator flashes during playback.

### To review the program

- In the stop position, press repeatedly **PROG** to see your stored track numbers.

### To erase the program

- You can erase the contents of the memory by:
  - in the stop position, pressing **PROG** to enter program mode, and then press **■**;
  - selecting **TUNER** or **TAPE**;
  - Opening the CD door.
- **PROG** indicator lights off.

## Different play mode: REPEAT

You can select and change the play mode before or during playback, and combine the **REPEAT** mode with **PROG** (program).

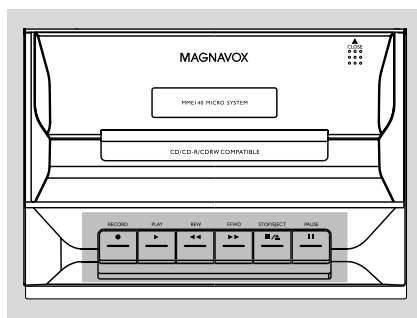
**Repeat one** (**REPEAT** indicator flashes)

– plays the current track continuously.

**Repeat all** (**REPEAT** indicator lights up)

– repeats the entire disc/program.

- 1 To select play modes, press once or more **REPEAT** before or during playback.  
→ **REPEAT** indicator flashes or lights up.
- 2 Press **▶ II** to start playback if in the stop position.
- 3 To return to normal playback, press **REPEAT** repeatedly until **REPEAT** indicator lights off.  
→ You can also press **■** to cancel your play mode.



## Playing tapes

- 1 Adjust the **Source selector** to **TAPE**.
- 2 Press **STOP/EJECT** ■▲ to open the cassette holder and insert a cassette, and close the deck.
- 3 Press **PLAY** ► to start playback.
- 4 To pause playback, press **PAUSE** ||. To resume, press the key again.
- 5 To stop the tape, press **STOP/EJECT** ■▲.

## Fast forwarding/rewinding

- 1 Press **F.FWD / REW** ►► or ◀◀ until you reach your desired passage.
- 2 Press ■▲ to stop rewinding/fast forwarding.

### Helpful hints:

- During playback, the keys are automatically released at the end of a tape. To switch off the set, press **POWER**.
- During fast forwarding/rewinding, the keys will not be released at the end of a tape. To stop fast winding, press **STOP/EJECT** ■▲.

### IMPOTANT!

**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.**

## General information on recording

- Recording is permissible insofar as copyright or other rights of third parties are not infringed.
- For recording, use only **NORMAL** type cassettes (IEC type I) on which the tabs have not yet been broken. This deck is not suited for recording on **CHROME** (IEC II) or **METAL** (IEC IV) type cassettes.
- The best recording level is set automatically. Altering the **VOLUME** or **DBB** will not affect the recording.
- To protect a tape from accidental erasure, break out the tabs. If you wish to record again, cover the tabs with a piece of adhesive tape.

## Recording from the CD player

- 1 Select **CD** source.
- 2 Insert a CD and if desired, program track numbers.
- 3 Press **STOP/EJECT** ■▲ to open the cassette holder. Insert a blank tape and close the deck.
- 4 Press **RECORD** ● to start recording.
- 5 Press **PLAY/PAUSE** ►|| to start CD playback.
- 6 For brief interruptions press **PAUSE** ||. To resume recording, press || again.
- 7 To stop recording, press ■▲.

## Recording from the Radio

- 1 Select **TUNER** source.
- 2 Tune to the desired radio station (see **Radio reception**).
- 3 Follows steps 3, 4, 6, 7 under **Recording from the CD Player**.



Be responsible  
Respect copyrights

## AMPLIFIER

Output power .....	2 x 2 W
Signal-to-noise ratio .....	≥ 50 dBA
Frequency response .....	50 – 15000 Hz
Impedance loudspeakers .....	8 Ω
Impedance headphones .....	32 Ω -1000 Ω

## CD PLAYER

Number of programmable tracks .....	20
Frequency range .....	63 – 16 kHz
Signal-to-noise ratio .....	≥ 50 dBA
Channel separation .....	≥ 25dB (1 kHz)
Total harmonic distortion .....	< 3%

## TUNER

FM wave range .....	87.50 – 108.00 MHz
AM (MW) wave range .....	530 – 1700 kHz

## TAPE DECK

Frequency response	
Normal tape (type I) .....	125 – 6300 Hz (8 dB)
Signal-to-noise ratio	
Normal tape (type I) .....	≥ 35 dBA
Wow and flutter .....	≤ 0.35% DIN

## SPEAKERS

Impedance .....	8 Ω
Dimensions (w x h x d)	
.....	4.7 x 8.7 x 7.9 (inch)
.....	120 x 220 x 200 (mm)
Weight .....	1.9 pounds each
.....	0.88 kg each

## GENERAL INFORMATION

AC Power .....	110 -127 V / 220 - 240 V
	60 / 50 Hz switchable
Power Consumption .....	20 W

## Dimensions (w x h x d)

.....	6.6 x 8.7 x 8.3 (inch)
.....	168 x 220x 210 (mm)
Weight (without speakers) .....	5.5 pounds
.....	2.5 kg

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

# 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
<p>-- is displayed</p> <p><b>The disc cannot be read</b></p>	<ul style="list-style-type: none"> <li>✓ Insert a suitable disc.</li> <li>✓ Check if the disc is inserted upside down.</li> <li>✓ Wait until the moisture condensation at the lens has cleared.</li> <li>✓ Replace or clean the disc, see "Maintenance".</li> <li>✓ Use a finalized CD-RW or CD-R.</li> </ul> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>– <i>Make sure the CD is not encoded with Copyright protection technologies, as some do not conform to the Compact Disc standard.</i></li> <li>– <i>A CD badly scratch or dirty may result in improper operation.</i></li> </ul>
<p><b>Sound cannot be heard or is of poor quality.</b></p>	<ul style="list-style-type: none"> <li>✓ Adjust the volume.</li> <li>✓ Disconnect the headphones.</li> <li>✓ Check that the speakers are connected correctly.</li> <li>✓ Check if the stripped speaker wire is clamped.</li> </ul>
<p><b>The left and right sound outputs are reversed.</b></p>	<ul style="list-style-type: none"> <li>✓ Check the speaker connections and location.</li> </ul>
<p><b>The disc skips tracks</b></p>	<ul style="list-style-type: none"> <li>✓ Replace or clean disc</li> <li>✓ Switch off PROG.</li> </ul>
<p><b>Radio reception is poor</b></p>	<ul style="list-style-type: none"> <li>✓ If the signal is too weak, adjust the antenna.</li> <li>✓ Increase the distance between the System and your TV or VCR.</li> </ul>
<p><b>Poor cassette sound quality/ Recording cannot be made.</b></p>	<ul style="list-style-type: none"> <li>✓ Clean deck parts, see "Maintenance".</li> <li>✓ Use only NORMAL (IEC I) tape.</li> <li>✓ Apply a piece of adhesive tape over the missing tab space.</li> </ul>