

# CD Soundmachine

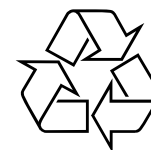
AZ1016

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User Manual

用戶手冊



AZ1016

**CLASS 1  
LASER PRODUCT**

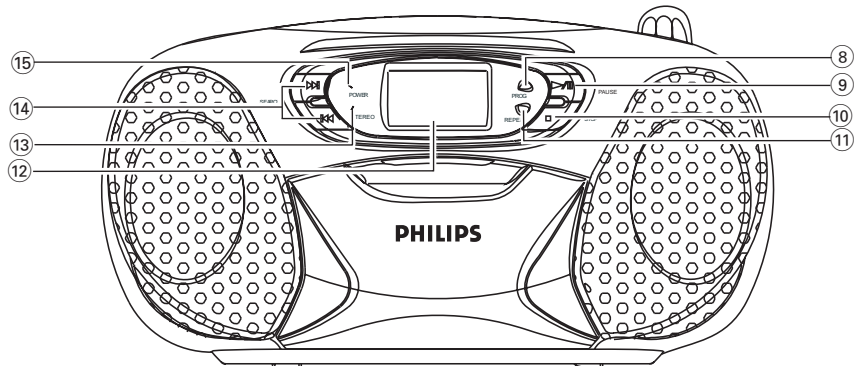
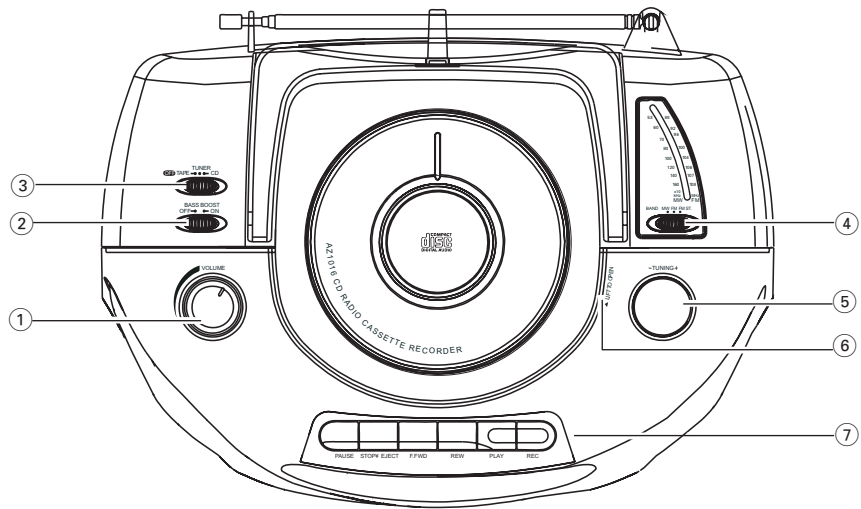
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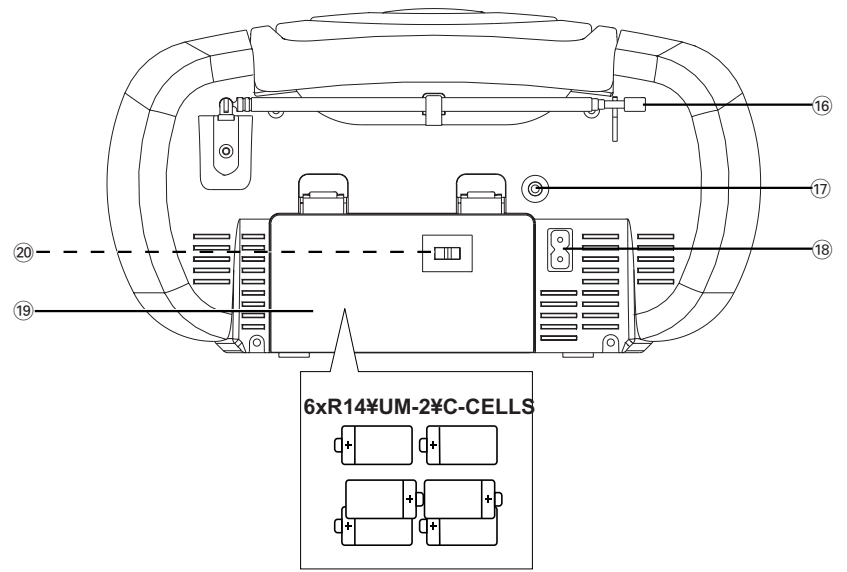
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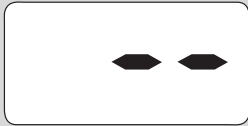
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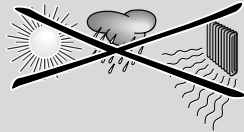


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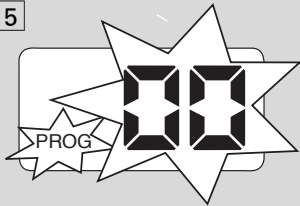
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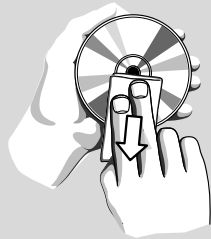
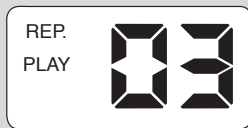
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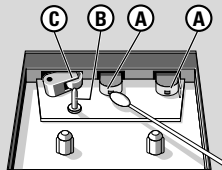
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## Specifications

### AMPLIFIER

Output power  
RMS ..... 2 x 1W (1KHz/10%THD/8 ohms)

### TUNER

FM wave range..... 87.5-108 MHz  
AM (MW) wave range..... 531-1602 KHz

### CD PLAYER

Programmable tracks ..... 20  
Signal-to-noise ratio..... ≥ 45 dB  
Channel separation..... ≥ 40 DB (1 KHz)  
Harmonic distortion..... < 1%(10 KHz,-20 dB)

### TAPE DECK

Frequency response PB ..... 125Hz-8000Hz  
Signal-to-noise ratio..... > 35 dB  
Flutter ..... ≤ 0.35%

### GENERAL

AC power..... 120/230 V  
.....50 / 60 Hz  
DC power..... 6 x 1.5 V  
Power consumption  
Active ..... 12 W  
Stand-by..... 2 W  
Dimensions (wxhxd) ..... 290x150x212 (mm)  
Weight (without package) ..... 2.0 Kg

*Specifications are subject to change*

## English

### Supplied Accessories

– AC power cord

### Top and front panels (See 1)

- ① **VOLUME** – adjusts volume level.
- ② **BASS BOOST** – turns the bass enhancement on/off.
- ③ **Source selector: CD, TUNER, TAPE/OFF** – selects CD, radio or tape source of sound – power off switch
- ④ **BAND** – selects waveband
- ⑤ **TUNING** – tunes to radio stations
- ⑥ **LIFT TO OPEN** – opens/ closes the CD door.
- ⑦ **CASSETTE RECORDER keys:**  
**PAUSE** – pauses playback or recording  
**STOP•EJECT** – stops the tape;  
– opens the cassette holder.  
**F.FWD/ REW** – fast winds/ rewinds tape;  
**PLAY** – starts playback;  
**REC** – starts recording.
- ⑧ **PROG** – programs tracks and reviews the program
- ⑨ **▶/II PLAY/PAUSE** – starts or pauses CD playback.
- ⑩ **■ STOP** – stops CD playback;  
– erases a CD program
- ⑪ **REPEAT** – repeats a track/  
CD program/entire CD.
- ⑫ **Display** – shows the CD functions
- ⑬ **STEREO indicator** – lights up for stereo FM reception.
- ⑭ **SEARCH** ◀◀ ▶▶ – skips or searches a passage/track backwards or forward
- ⑮ **POWER indicator** – lights up when the set is powered on.

## Controls/Power Supply

### Back panel (See 2)

- ⑯ **Telescopic antenna** - improves FM reception.
- ⑰ **3.5 mm stereo headphone socket**  
**Helpful hints:** *The speakers will be muted when headphones are connected to the set.*
- ⑱ **AC ~** - inlet for power cord.
- ⑲ **Battery door** - open to insert 6 x 1.5V **R-14/ UM2/ C-cells**.
- ⑳ **Voltage selector** – (inside the battery compartment, not all versions) adjust to match the local voltage 110/220V before plugging in the set.

### CAUTION

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

### 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 and insert 6 batteries, type **R-14, UM-2** or **C-cells**, (preferably alkaline) with the correct polarity as indicated by the "+" and "-" symbols inside the compartment. (See 2)
- 2 Replace the compartment door, making sure the batteries are firmly and correctly in place. The set is now ready to operate.

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

## Power Supply

- 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.

#### Using AC power

**WARNING: Always check you have completely switched off the set, before you change or disconnect power supply.**

- 1 Check if the power voltage, as shown on the type plate located on the bottom of the set, corresponds to your local power supply. If it does not, consult your dealer or service center.
  - 2 If your set is equipped with a voltage selector, adjust the selector so that it matches with the local mains.
  - 3 Connect the power cord to the **AC ~** inlet and the wall socket. The power cord is now connected and ready for use.
  - 4 To switch the set off completely, withdraw the power cord from the wall socket.
- Disconnect the power cord from the wall socket to protect your set during heavy thunderstorms.

**The type plate are located on the bottom of the set.**

#### Helpful hints:

- To avoid unnecessary energy consumption, always adjust the **Source selector** to **TAPE/ OFF** after using the set. Also check that the tape deck keys are released.

## General Operation/Tuner

### General operation

- 1 To select your sound source, adjust the **Source selector** to: **CD, TUNER** or **TAPE/ OFF**.
- 2 To switch off the set, adjust the **Source selector** to **TAPE/ OFF** position and check the cassette keys are released.

#### Adjusting volume and sound

Adjust the sound with the **VOLUME** and **BASS BOOST** controls.

### Radio reception

- 1 Adjust the **Source selector** to **TUNER**.
- 2 Adjust **BAND** to select your desired waveband, **AM (MW)** or **FM ST.** (stereo)
- 3 Turn **TUNING** to tune to a station.  
– **STEREO** indicator lights up for stereo FM reception.

#### To improve radio reception:

- 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** to **FM** (mono).
- For **AM (MW)**, the set uses a built-in antenna. Direct this antenna for best reception by turning the whole set.

## CD Player

### Playing a CD

This CD player plays Audio Discs including CD-Recordables (CD-R) and CD-Rewritables (CD-RW).

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

- 1 Adjust the **Source selector** to **CD**.
- 2 Open the CD door, and insert a CD with the printed side facing up and press the CD door gently close.  
→ Display shows -- and later, the total number of tracks. (See [3])
- 3 Press **▶/II PLAY/PAUSE** to start playback.
- 4 To pause playback press **▶/II**.  
→ Display: **PLAY** flashes. (See [4])
- 5 To resume, press **▶/II** again
- 6 To stop CD playback, press **■**.

**Helpful hints :** CD play will also stop when:

- you open the CD compartment;
- you select **TUNER** or **TAPE/ OFF** sound source;
- the CD has reached the end.

### Selecting a different track

- Press **SEARCH** **◀/▶** once or repeatedly until the desired track number appears in the display.
- In the pause/stop position, press **▶/II** to start playback.

### Finding a passage within a track

- 1 During playback, press and hold **◀/▶**.  
→ The CD is played at high speed.
- 2 When you recognize the passage you want, release **◀/▶** to resume normal playback.

**Helpful hints :** When searching within a final track and you reach the end of the last track, the CD goes to stop mode.

### Programming track numbers

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.  
→ Display: **PROG** and **⏪** flash. (See [5])
- 2 Press **◀/▶** to select your desired track number.
- 3 Press **PROG** to store the desired track number.  
→ Display: **PROG** and **⏪** flash for you to program the next track.
- 4 Repeat steps 2 to 3 to select and store all desired tracks in this way.  
→ If you attempt to store more than 20 tracks, no track can be selected and the display shows --.
- 5 To play your program, press **▶/II**.

**Helpful hints :**

- **When playback of your program comes to the stop position, your set will return to normal playback. To re-enter program mode, press PROG in the stop position.**

### Reviewing the program

In the stop position, press **PROG** repeatedly to see your stored tracks.

### Erasing a program

You can erase the contents of the memory by:

- selecting **TUNER** or **TAPE/ OFF** sound source;
- opening the CD door;
- in the stop position, press **PROG** to enter program mode and then, press **■**.

## CD Player/Cassette Recorder

### Different play modes: REP. and REP. A (See [6], [7])

You can select and change the play modes before or during playback, and combine the modes with **PROG**.

**REP.** – plays the current track continuously.

**REP. A** – repeats the entire CD/program

- 1 To select play mode, press **REPEAT** once or more.
- 2 Press **▶/II** to start playback if in the stop position.
- 3 To return to normal playback, press **REPEAT** repeatedly until the modes are no longer displayed.  
– You can also press **■** to cancel your play mode.

### Cassette playback

- 1 Adjust the **Source selector** to **TAPE/ OFF**.
- 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 By pressing **F.FWD/ REW**, fast winding of the tape is possible in both directions. To stop fast winding, press **STOP•EJECT**.
- 6 To stop the tape, press **STOP•EJECT**.

**Helpful hints:**

- During playback, the keys are automatically released at the end of a tape and the set is switched off (unless **PAUSE** mode has been activated.)
- During fast forwarding/rewinding, the keys will not be released at the end of a tape. To switch off the set, make sure the cassette keys are also released.

## Cassette Recorder

### 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 **BASS BOOST** 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 **REC** to start recording.
- 5 Press **▶/II PLAY/PAUSE** to start CD playback.
- 6 For brief interruptions press **PAUSE**. To resume recording, press **PAUSE** again.
- 7 To stop recording, press **STOP•EJECT**.

### 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**.

## Maintenance & safety (See 8)

### CD player and CD handling

- If the CD player cannot read CDs correctly, use a cleaning CD to clean the lens before taking the set to repair.
- The lens of the CD player should never be touched!
- Sudden changes in the surrounding temperature can cause condensation on the lens of your CD player. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always close the CD-tape door to avoid dust on the lens.
- To clean the CD, wipe in a straight line from the center towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- Never write on a CD or attach any stickers to it.

### Tape deck maintenance

To ensure quality recording and playback of the tape deck, clean parts (A), (B) and (C) as shown, once a month. Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid to clean the deck.

- 1 Open the cassette holder by pressing **STOP•EJECT**.
- 2 Press **PLAY** and clean the roller (C).
- 3 Press **PAUSE** and clean the heads (A), and the capstan (B).
- 4 After cleaning, press **STOP•EJECT**.  
→ Cleaning of the heads can also be done by playing a cleaning cassette through once.

### Safety information

- Place the set on a flat, hard and stable surface so that the system does not tilt.
- Do not expose the set, batteries, CDs to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- The apparatus shall not be exposed to dripping or splashing.
- Adequate ventilation with a minimum gap of 15cm (6 inches) between the ventilation holes and surrounding surfaces is necessary to prevent heat build-up.
- Do not cover the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- 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.
- To clean the set, use a dry cloth. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.

## Troubleshooting

If a fault occurs, first check the points listed below before taking the set for repair.

If you are unable to remedy a problem by following these hints, consult your dealer or service centre.

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

### Problem

- Possible cause
- Remedy

### No sound /power

- Volume not adjusted
- Adjust the VOL
- Power cord not securely connected
- Connect the AC power cord properly
- Batteries dead/ incorrectly inserted
- Insert (fresh) batteries correctly
- Headphones connected to the set
- Disconnect headphones.
- CD contains non-audio files
- Press **◀▶** once or more to skip to a CD audio track, instead of the data file.

### Display does not function properly/ No reaction to operation of any of the controls

- Electrostatic discharge
- Switch off and unplug the set. Reconnect after a few seconds

### The CD skips tracks

- CD damaged or dirty
- Replace or clean CD

– Program is active

- Quit program mode

### --, Er or 0 /indication

– No CD inserted

- Insert a CD
- CD badly scratched or dirty
- Replace/ clean CD, see Maintenance

**Note:** A CD badly scratch or dirty may result in improper operation.

- Laser lens steamed up
- Wait until lens has cleared
- CD-R/CD-RW is blank or not finalized
- Use a finalized CD-R/CD-RW or suitable CD Audio disc only

### Poor cassette sound quality

- Dust and dirt on the heads, etc.
- Clean deck parts, see Maintenance
- Use of incompatible cassette types (METAL or CHROME)
- Only use NORMAL (IEC I) for recording

### Recording does not work

- Cassette tab(s) may be broken
- Apply adhesive tape over the missing tab space

### Environmental information

All unnecessary packaging material has been omitted. The packaging can be easily separated into three materials: cardboard, polystyrene and plastic.

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