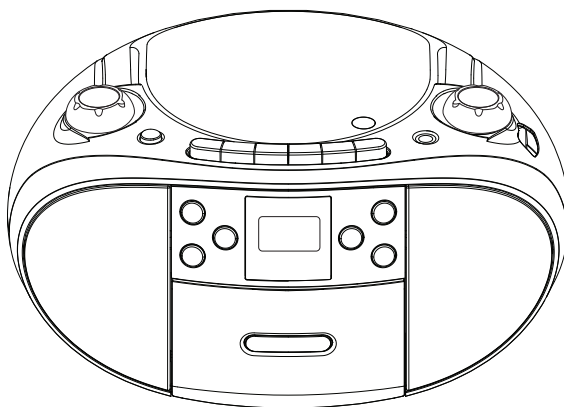


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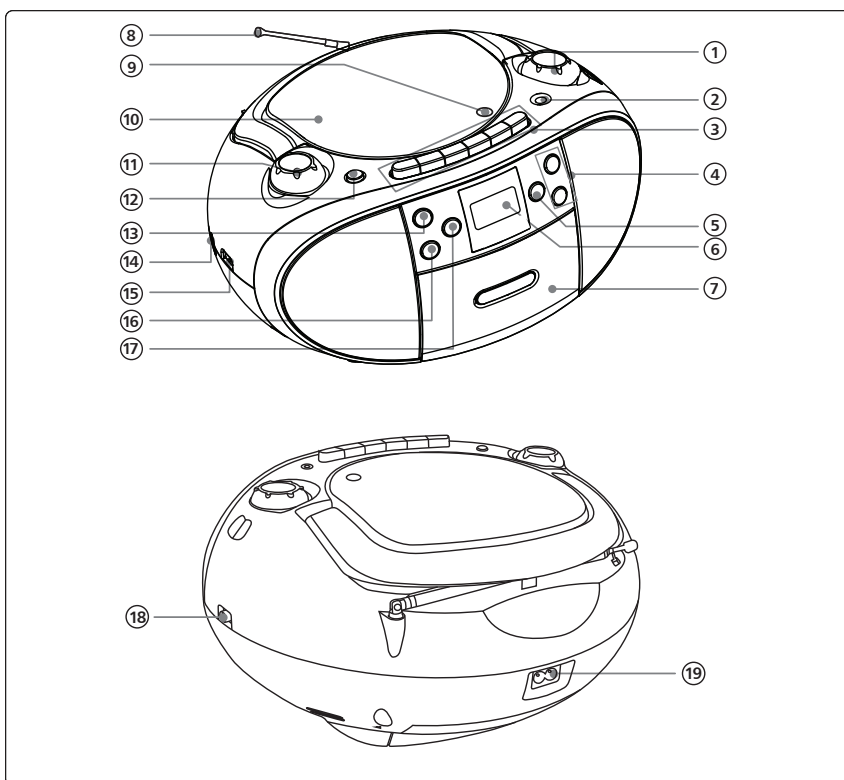
INSTRUCTION BOOK

BM81

CD Portable Radio Cassette Recorder



COMPACT
disc
DIGITAL AUDIO



1. TUNING control (TUNING)
2. LINE IN Socket (LINE IN)
3. Cassette recorder buttons
 - Pause play or record (PAUSE ■■)
 - Stop cassette play or record
 - Open the cassette holder (STOP/EJECT ■▲)
 - Fast forward/rewind cassette (F.FWD ◀◀ /REW ▶▶)
 - Start cassette play (PLAY ◀)
 - Start cassette record (REC ●)
4. SKIP/SEARCH up or down button (◀◀ / ▶▶)
5. REPEAT/RANDOM button (REPEAT/RANDOM)
6. Display
7. Cassette holder

8. Telescopic aerial
9. Open/Close the CD compartment (OPEN/CLOSE)
10. CD Compartment lid
11. Volume control (VOLUME)
12. Bass expander button (BASSXPANDER)
13. Play/Pause button (PLAY/PAUSE ▶/■)
14. Headphones socket(PHONES 🎧)
15. Function switch(CD,RADIO,AUX IN, TAPE/OFF)
16. Program button (PROGRAM)
17. Stop button (STOP ■)
18. Band select swith (BAND)
19. AC input socket (AC MAINS ~)

INSTALL BATTERIES

1. Open the battery compartment.
2. Insert 6 x 1.5V R14/UM-2/C-cell batteries with correct polarity (+/-) as indicated.
3. Close the battery compartment.

Tip

- If you want to save battery life, use the supplied power cord.

CONNECT AC POWER

Warning

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the under side of the unit.
- Risk of electric shock! When you unplug the AC adaptor, always pull the plug from the socket. Never pull the cord.

Note

- Install the unit near the power supply socket and where the AC power plug can be easily reached.
- Connect the power cord to the AC MAINS~ socket on the unit and to the power supply socket.
 - To switch the Sound machine off completely, disconnect the power cord from the power supply socket.

Tip


- To save energy: After use, set the source selector to OFF.

GENERAL OPERATION


Adjusting the volume

Turn the VOLUME control.

Bass expander button

Press the BASS XPANDER button to  ON to enhance the bass sound.

Headphones

Connect headphones (not supplied) to the  socket for monitoring or for private listening. The speakers are automatically disconnected when headphones are connected.

- Excessive sound pressure from earphones and headphones can cause hearing loss.

USE YOUR PLAYER

PLAY A CD

Note

- You cannot play CDs encoded with copyright protection technologies.

You can play commercially available audio CDs:

- CD-Recordables (CD-R)
 - CD-Rewritables (CD-RW)
1. Switch the source selector to CD.
 2. Open the CD compartment.
 3. Insert a CD with the printed side facing up.
 4. Close the CD lid gently.
 - ↳ The total number of tracks is displayed.
 5. Press ►|| to start play.
 - ↳ [►] is displayed.
- To pause CD play, press ►||.
 - To resume CD play, press ►|| again.
 - To stop CD play, press ■.

Select a track

During play, press ◀◀/▶▶ to select a track.

Find a passage within a track

1. During play, press and hold ◀◀/▶▶.
 - ↳ The CD is played at high speed and with reduced volume.
2. Release ◀◀/▶▶ to resume normal play.

Tip

- When search reaches the end of the last track, the CD stops.

SELECT PLAY MODES

Program play sequence

You can store up to 20 tracks in the desired sequence.

1. In stop mode, press PROG to start to program play sequence.
 - ↳ [PROG] and [P01] are displayed.
 2. Press ◀◀/▶▶ to select a track.
Press PROG to store the track.
 3. ↳ [PROG] and [P02] are displayed.
 4. Repeat steps 2 to 4 to select and store all tracks.
 5. ↳ When all 20 tracks are stored, no more tracks can be selected and the display shows [PROG] and [---].
 6. To play program, press ►||.
 - ↳ In stop mode, press PROG repeatedly to browse stored tracks.
- To cancel program, press ■ twice.

Tip

- When program play stops, the Soundmachine returns to normal play. To play program again, repeat steps 1 to 6.

Repeat play

You can repeat a track, a disc, or a program.

- [REPEAT] – plays the current track continuously
- [REPEAT ALL] – Plays the entire CD/program continuously

During play, press REPEAT/RANDOM until the display shows the repeat icon.

- REPEAT
- REPEAT ALL
- RANDOM

To stop repeat play, press REPEAT/RANDOM until the repeat icon is no longer displayed.

Random play

You can play all tracks in random order.

- During play, press REPEAT/RANDOM until the display shows the random icon.
- To stop random play, press REPEAT/RANDOM again.

LISTENING TO OTHER SOURCES

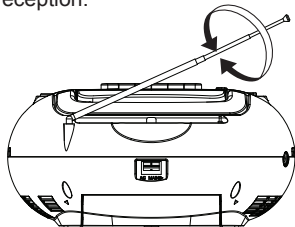
1. Connect the audio cable (not supplied) from the audio output socket of a video/auxiliary equipment to the LINE IN socket.
2. Set the FUNCTION switch to LINE IN to select "LINE IN" function.
3. Follow the instructions supplied with the other equipment.

Listen to radio

1. Switch the source selector to TUNER.
2. Switch BAND to FM or AM.
3. Turn TUNING to find a station.

Tip

- To improve FM reception, you can extend, incline or turn the telescopic antenna for best reception.



- To improve AM reception, turn the unit to face a different direction.



Play cassette recorder

1. Switch the source selector to TAPE
2. Press ■▲ to open the cassette holder, insert a cassette tape, and then close the cassette holder.
3. Press ◀ to start play.
 - To pause play, press ||.
 - To stop the play, press ■▲.

Find a passage within a tape

1. During stop, press ◀◀/▶▶ to search for a desired passage in a tape.
2. To stop fast search, press ■▲.

Record from CD

1. Switch the source selector to CD.
2. Insert a CD with the printed side facing up.
3. If you want to record tracks in the desired sequence, program the desired tracks.
4. Press ■▲ to open the cassette holder.
5. Insert a blank cassette.
6. Close the holder.
7. Press ● to start to record.
 - ↳ The disc/program starts automatically from the beginning.
- To pause, press ||.
 - To resume, press || again.
- To stop, press ■▲.

Record from radio

1. Switch the source selector to TUNER.
2. Tune to a radio station.
3. Press ■▲ to open the cassette holder.
4. Insert a blank cassette.
5. Close the holder.
6. Press ● to start to record.
 - To pause, press ||.
 - To resume, press || again.
 - To stop, press ■▲.

TROUBLESHOOTING

Warning

- Never remove the casing of this unit.

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this unit, check the following points before requesting service.

No power

- Ensure that the power cord is connected securely.
- Ensure that there is power at the power supply socket.
- Ensure that the batteries are installed correctly.

No sound

- Adjust the volume.
- Ensure that the track played is of a compatible format.

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

- Disconnect the AC power cord.
- Connect the AC power cord after a few seconds.

Cannot play disc

- Ensure that the disc label is inserted with the printed side facing up.
- Wipe the disc with fibre cleaning cloth from the centre to the edge in a straight line.
- This disc may be defective. Play another disc.
- Ensure that the CD is a finalised CD/CD-R/CD-RW.
- Ensure that the laser lens is clean.

Ensure that the CD is not encoded with copyright protection technologies.

The CD skips tracks

- Ensure that the CD is not damaged or dirty.
- Ensure that program/shuffle mode is deactivated.

Poor cassette sound quality

- Ensure that heads in the cassette holder are clean.
- Ensure that a NORMAL (IECI) cassette tape is used for record.

Cassette does not work for record

- Ensure that cassette tabs are not broken.

PRODUCT INFORMATION

Note

- Product information is subject to change without prior notice.

Power supply	AC 100V 50/60Hz DC 9V 6"CR14" battery
Power consumption	12W(working) Standby < 2W
Dimensions (Main unit) (W x H x D)	291 x 146 x 243 mm
Weight (Main unit)	1.82 kg
CD type	CD/CD-R/RW
Signal-to-noise ratio	60 dB
Dynamic range	60dB
FM/AM	FM: 76 - 108 MHz AM: 530 - 1600 kHz
Speaker	7.7 cm x 2
Speaker impedance	8 Ω
Power output	1W x 1W