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› MEGATEK Portable CD/Cassette Player Boombox CBR510 User Manual

MEGATEK CBR510

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INTRODUCTION

Thank you for choosing the MEGATEK Portable CD/Cassette Player Boombox, Model CBR510. This all-in-one audio system offers versatile playback options including CD, cassette, AM/FM radio, Bluetooth streaming, and USB playback. It is designed for ease of use and portability, providing clear stereo sound for your enjoyment at home or on the go. Please read this manual thoroughly before operating the unit to ensure proper use and to maximize its features.

SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- **Power Source:** Use only the specified AC power cord or 6 x C batteries (not included). Do not mix old and new batteries, or different types of batteries.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or dripping/splashing liquids. Keep away from water sources.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth. Avoid using liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

PACKAGE CONTENTS

Verify that all items are present in the package:

- MEGATEK CBR510-BLK Boombox Unit
- AC Power Cord

- User's Manual (this document)

PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your boombox.



Image: Front and side views of the MEGATEK CBR510 Boombox, highlighting key controls and connection ports such as Cassette Controls, CD Lid Open button, LCD Display, Mode, Repeat, EQ, Previous/Next track buttons, Play/Pause, Program, Stop, Cassette Door, Tuning knob, Function Selector, Volume knob, AC-in, AUX-in, USB Port, and Headphone Jack. Dimensions are also indicated.

Front Panel Controls:

- **MODE Button:** Switches between CD, USB, Bluetooth, Radio, and AUX modes.
- **PREVIOUS/NEXT Buttons:** Skips tracks on CD/USB, or tunes radio stations.
- **REPEAT Button:** Repeats current track or all tracks on CD/USB.
- **EQ Button:** Selects equalizer presets (Rock, Jazz, Classical, etc.).

- **PLAY/PAUSE Button:** Starts or pauses playback.
- **STOP Button:** Stops playback.
- **PROGRAM Button:** Programs track order for CD/USB.
- **LCD Display:** Shows current mode, track number, time, and radio frequency.

Side Panel Controls & Ports:

- **TUNING Knob:** Adjusts radio frequency in AM/FM mode.
- **FUNCTION SELECTOR Switch:** Selects between AM, FM, OFF/TAPE, CD/USB/BT modes.
- **VOLUME Knob:** Adjusts the audio output level.
- **AC-IN Jack:** Connects the AC power cord.
- **AUX-IN Jack (3.5mm):** Connects external audio devices.
- **USB Port:** Connects USB flash drives for MP3/WMA playback.
- **HEADPHONE Jack (3.5mm):** Connects headphones for private listening.

Top Panel:

- **CD LID OPEN Button:** Opens the CD compartment.
- **TELESCOPIC ANTENNA:** Extends for improved FM radio reception.

Cassette Compartment:

- **Cassette Door:** Opens to insert or remove cassette tapes.
- **Cassette Controls:** Play, Stop/Eject, Fast Forward, Rewind, Pause, Record.

SETUP

Powering the Unit

The boombox can be powered by AC electricity or batteries.

AC Power:

1. Ensure the FUNCTION SELECTOR switch is in the "OFF/TAPE" position.
2. Connect the supplied AC power cord to the AC-IN jack on the back of the unit.
3. Plug the other end of the AC power cord into a standard AC wall outlet (120V~60Hz).

Battery Power:

For portable use, the unit can operate on 6 x 'C' size batteries (not included).

1. Ensure the FUNCTION SELECTOR switch is in the "OFF/TAPE" position.
2. Open the battery compartment cover on the bottom of the unit.
3. Insert 6 'C' size batteries, observing the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

Note: For best performance and longer battery life, use alkaline batteries. Remove batteries if the unit will not be used for an extended period.



Image: The MEGATEK boombox operating on AC power, with an illustration of C batteries next to it, demonstrating the dual power options.

OPERATING INSTRUCTIONS

CD Player Operation

Top-loading CD player

Plays CDs, CD-R/RW, MP3/WMA discs, audiobooks, with shuffle, repeat, program, and resume playback.



Audio-CD



MP3



WMA



Audio-Book



Image: A hand inserting a compact disc into the top-loading CD compartment of the boombox, with the LCD display showing 'OP' (Open).

1. Set the **FUNCTION SELECTOR** switch to "CD/USB/BT".
2. Press the **CD LID OPEN** button to open the CD compartment.
3. Place a CD (CD, CD-R, CD-RW, MP3/WMA disc) onto the center spindle with the label side facing up.
4. Close the CD compartment lid firmly. The display will show "---" then the total number of tracks.
5. Press the **PLAY/PAUSE** button to start playback.
6. Use the **PREVIOUS/NEXT** buttons to skip tracks.
7. Press the **REPEAT** button to cycle through repeat modes (Repeat 1, Repeat All, Random).
8. Press the **PROGRAM** button to program a custom playback order.
9. Press the **STOP** button to stop playback.

Cassette Player & Recorder Operation

Cassette Player & Recorder

Relive your favorite tapes or record from radio, CD, Bluetooth, or AUX with classic ease.



Magnetic Tape



Recording



Image: A hand inserting a cassette tape into the front-loading cassette compartment of the MEGATEK boombox.

Playing a Cassette:

1. Set the FUNCTION SELECTOR switch to "OFF/TAPE".
2. Open the Cassette Door and insert a cassette tape with the open edge facing up.
3. Close the Cassette Door.
4. Press the **PLAY** button on the cassette controls to start playback.
5. Use **FAST FORWARD** or **REWIND** buttons to quickly move through the tape.
6. Press the **PAUSE** button to temporarily stop playback. Press again to resume.
7. Press the **STOP/EJECT** button to stop playback and eject the tape.

Recording to Cassette:

You can record from CD, USB, Bluetooth, Radio, or AUX sources to a cassette tape.

1. Insert a blank cassette tape into the cassette compartment.

2. Select the desired source (CD, USB, Bluetooth, Radio, or AUX) using the FUNCTION SELECTOR switch and MODE button.
3. Start playback on the source (e.g., play a CD, start Bluetooth streaming).
4. Press the **RECORD** button on the cassette controls. The **PLAY** button will also engage.
5. To stop recording, press the **STOP/EJECT** button on the cassette controls.

AM/FM Radio Operation



Image: A man relaxing while listening to the MEGATEK boombox, with the telescopic antenna extended for optimal AM/FM radio reception. The display shows a radio frequency.

1. Extend the telescopic antenna for better FM reception. For AM, rotate the unit for best reception.
2. Set the FUNCTION SELECTOR switch to "AM" or "FM".
3. Rotate the **TUNING** knob to find your desired radio station. The frequency will be shown on the LCD display.
4. To auto-scan and save stations, press and hold the **PLAY/PAUSE** button in radio mode. The unit will scan and store available stations.

5. Use the **PREVIOUS/NEXT** buttons to navigate through saved preset stations.

Bluetooth Wireless Streaming

Bluetooth & AUX Input

Enjoy wireless Bluetooth streaming or wired playback through the AUX input—your music, your way.



Image: The MEGATEK boombox displaying 'bt' (Bluetooth) on its LCD, wirelessly connected to a smartphone playing music, illustrating Bluetooth streaming functionality.

1. Set the **FUNCTION SELECTOR** switch to "CD/USB/BT".
2. Press the **MODE** button repeatedly until "bt" appears on the LCD display. The unit will enter pairing mode, indicated by a flashing "bt".
3. On your smartphone, tablet, or other Bluetooth device, enable Bluetooth and search for available devices.
4. Select "MEGATEK CBR510" from the list of devices. Once paired, "bt" will stop flashing and remain solid.
5. Start playing music on your connected device. Audio will stream through the boombox.
6. Use the boombox's **PLAY/PAUSE** and **PREVIOUS/NEXT** buttons to control playback, or control directly from your device.

Note: This unit does not have a Bluetooth transmitter function; it can only receive audio via Bluetooth.

USB Music Playback

Plays MP3/WMA from USB drives up to 512 GB (FAT32), with shuffle, repeat, and program playback.



MP3



WMA



Image: A USB flash drive inserted into the USB port of the MEGATEK boombox, with other USB drives nearby, demonstrating its USB music playback capability.

1. Set the FUNCTION SELECTOR switch to "CD/USB/BT".
2. Insert a USB flash drive (up to 512 GB, FAT32 format) containing MP3 or WMA audio files into the USB port.
3. Press the **MODE** button repeatedly until "USB" appears on the LCD display. The unit will automatically start playing the first track.
4. Use the **PREVIOUS/NEXT** buttons to skip tracks.
5. Press the **REPEAT** button to cycle through repeat modes (Repeat 1, Repeat All, Random).
6. Press the **PROGRAM** button to program a custom playback order.
7. Press the **STOP** button to stop playback.

AUX Input



Image: A smartphone connected to the MEGATEK boombox using a 3.5mm AUX cable, demonstrating wired audio input.

1. Connect one end of a 3.5mm audio cable (not included) to the AUX-IN jack on the boombox.
2. Connect the other end of the cable to the headphone jack or audio output of your external device (e.g., MP3 player, smartphone).
3. Set the FUNCTION SELECTOR switch to "CD/USB/BT".
4. Press the **MODE** button repeatedly until "AUX" appears on the LCD display.
5. Start playing audio on your external device. The sound will be played through the boombox speakers.
6. Adjust the volume using the **VOLUME** knob on the boombox and/or your external device.

Headphone Jack

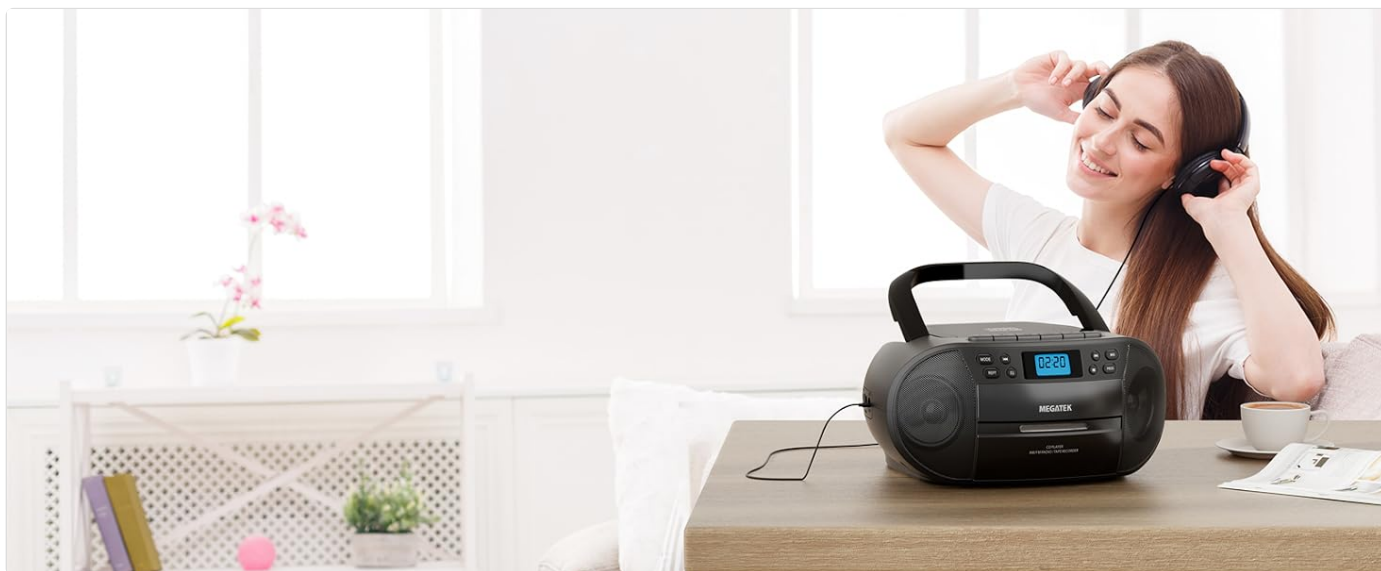


Image: A woman wearing headphones, connected to the MEGATEK boombox, enjoying private listening.

For private listening, connect a pair of 3.5mm stereo headphones (not included) to the **HEADPHONE** jack on the side of the unit. The speakers will automatically mute when headphones are connected.

MAINTENANCE

Cleaning the Unit

- Wipe the exterior of the unit with a soft, dry cloth.

- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- For the CD lens, use a specialized CD lens cleaner disc.
- For the cassette head, use a specialized cassette head cleaning kit.

Storage

- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, remove the batteries to prevent leakage.

TROUBLESHOOTING

If you encounter issues with your boombox, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
No power	AC cord not connected; Batteries depleted or incorrectly inserted; Function selector in OFF position.	Check AC cord connection; Replace batteries or ensure correct polarity; Set function selector to desired mode.
No sound	Volume too low; Headphones connected; Incorrect mode selected; Mute activated on external device.	Increase volume; Disconnect headphones; Select correct mode; Check external device's volume/mute.
CD/USB not playing	Disc/USB inserted incorrectly; Disc/USB damaged or dirty; Incorrect file format; CD lid not closed.	Reinsert disc/USB correctly; Clean disc/USB; Ensure MP3/WMA format for USB; Close CD lid firmly.
Poor radio reception	Antenna not extended/positioned; Weak signal.	Extend and adjust telescopic antenna (FM); Rotate unit (AM); Try moving the unit to a different location.
Bluetooth pairing failed	Boombox not in pairing mode; Device too far; Bluetooth not enabled on device.	Ensure boombox is in "bt" mode and flashing; Move device closer; Enable Bluetooth on your device.
Cassette not playing/recording	Tape incorrectly inserted; Tape damaged; Cassette controls not fully engaged.	Reinsert tape correctly; Try a different tape; Ensure PLAY/RECORD buttons are fully pressed.

SPECIFICATIONS

Feature	Specification
Brand	MEGATEK
Model Number	CBR510
Connectivity Technology	Auxiliary, Bluetooth, USB
Color	Black

Feature	Specification
Speaker Type	Built-In (2 Speakers)
Item Dimensions (L x W x H)	9 x 8.4 x 4.6 inches
Power Source	Corded Electric, Battery Powered (6 x C batteries)
Compatible Devices	MP3 Player, Smartphone, Tablet
Wattage	4 watts
Supported Standards	CD, CD-R, CD-RW, MP3, WMA
Supported Audio Format	Audio CD, MP3, WMA
Signal-to-Noise Ratio	95 dB
Audio Output Mode	Stereo
Frequency Response Curve	100 Hz - 20 kHz
Item Weight	2.7 pounds

WARRANTY AND SUPPORT

Warranty Information

This MEGATEK product comes with a **12 Months Limited Warranty**, covering both labor and parts. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact MEGATEK customer support. Refer to the contact information provided with your product packaging or visit the official MEGATEK website for the most up-to-date support details.

PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

Video: An official product video showcasing the MEGATEK CBR510 CD/Cassette/Radio Boombox with Bluetooth, demonstrating its various features and functionalities.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question