

## August MB420K

# August MB420K DAB+ Clock Radio Bluetooth Speaker User Manual

Model: MB420K | Brand: August

## INTRODUCTION

Thank you for choosing the August MB420K DAB+ Clock Radio Bluetooth Speaker. This device combines a versatile digital radio with a powerful Bluetooth speaker, offering multiple audio playback options and convenient alarm clock functionalities. This manual provides detailed instructions to help you set up, operate, and maintain your device for optimal performance.

## SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Keep this manual for future reference.

- Do not expose the device to rain, moisture, or extreme temperatures.
- Avoid placing the device near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel.

## PACKAGE CONTENTS

Ensure all items are present in the package:

- August MB420K DAB+ Clock Radio Bluetooth Speaker
- Power Adapter
- User Manual (this document)



Image: The August MB420K radio, its power adapter, and the user manual as included in the product packaging.

## PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your MB420K.



Image: Front view of the August MB420K radio, showing the speaker grille, LCD display, and control buttons including Memory, Select, Info/Menu, Scan/Pair, Source, Preset, and Tuning.



# Clear Sound and Integrated Subwoofer

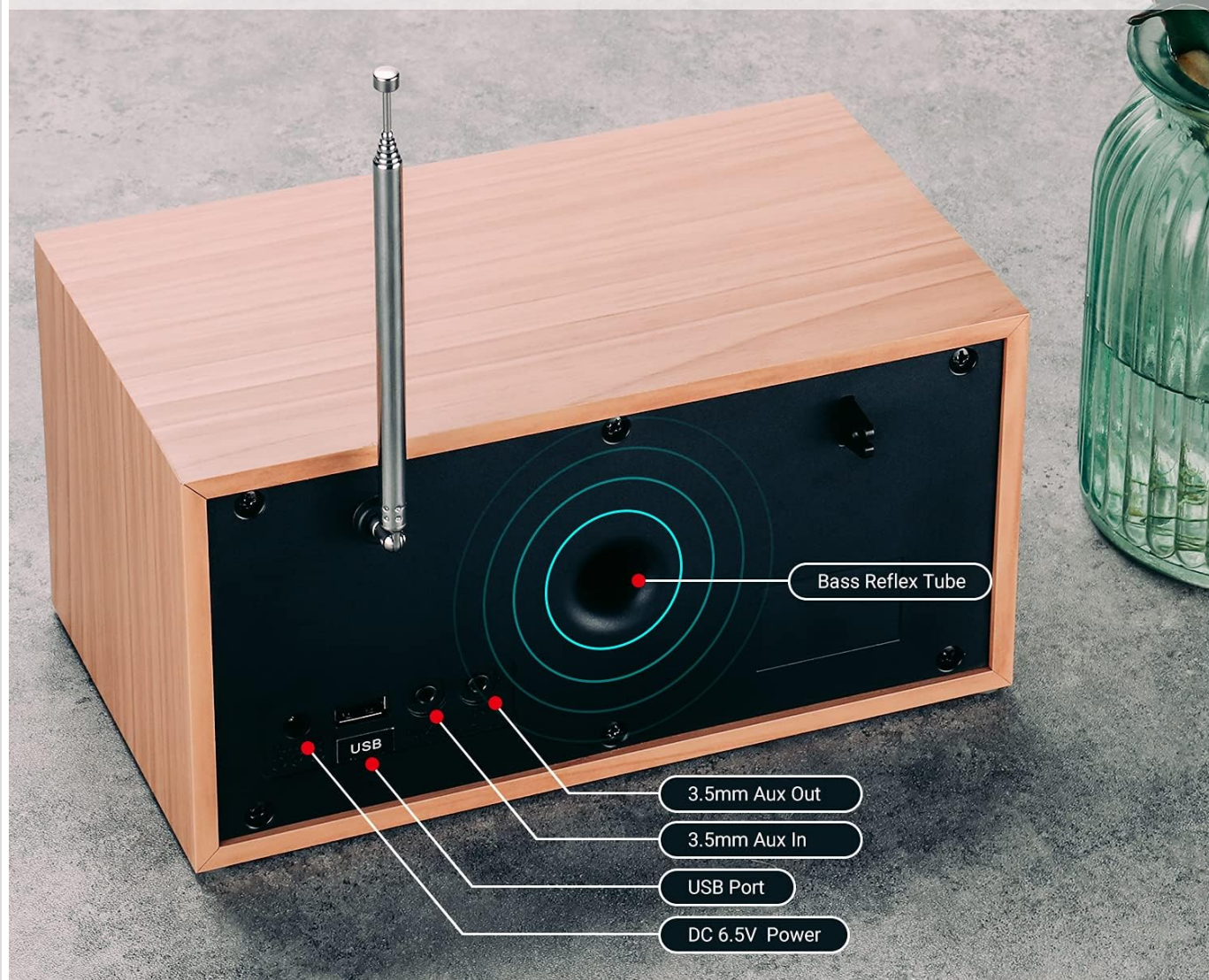


Image: Rear view of the August MB420K radio, highlighting the bass reflex tube and various connection ports: 3.5mm Aux Out, 3.5mm Aux In, USB Port, and DC 6.5V Power input.

## Controls and Connections:

- **Display:** LCD screen for information and menu navigation.
- **Memory Button:** Save and recall preset stations.
- **Select Button:** Confirm selections.
- **Info/Menu Button:** Access information and menu settings.
- **Scan/Pair Button:** Scan for radio stations or initiate Bluetooth pairing.
- **Source Button:** Switch between DAB, FM, Bluetooth, USB, and AUX modes.
- **Preset Buttons:** Navigate through preset stations.
- **Tuning Buttons:** Manually tune radio frequencies.
- **Volume/Navigate Dial:** Adjust volume and navigate menus.
- **USB Port:** For MP3 playback from USB flash drives.
- **3.5mm Aux In:** Connect external audio devices.

- **3.5mm Aux Out:** Connect headphones or external speakers.
- **DC 6.5V Power Input:** Connect the power adapter.
- **Telescopic Antenna:** For optimal radio reception.

## SETUP

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### 1. Power Connection

1. Insert the DC plug of the power adapter into the "DC 6.5V Power" input on the back of the MB420K.
2. Plug the power adapter into a standard wall outlet.
3. The unit will power on automatically or enter standby mode.

### 2. Antenna Setup

Extend the telescopic antenna fully for best radio reception, especially for FM and DAB signals.

### 3. Initial Power On and Time Setting

Upon first power-on, the radio may automatically scan for DAB stations and set the time. If not, you can manually set the time and date via the menu.



Image: The radio's display showing the time (11:25:08) and date (30-3-2021), indicating its clock function.

## OPERATING INSTRUCTIONS

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## 1. Radio Modes (DAB/DAB+/FM)

Press the **Source** button to cycle through DAB, DAB+, and FM radio modes.



Image: The August MB420K radio positioned in a kitchen, illustrating its use as a DAB/DAB+ and FM radio with manual and automatic search options and 30 station presets.

### Scanning for Stations:

- In DAB mode, press **Scan/Pair** to perform a full scan for available DAB stations.
- In FM mode, press **Scan/Pair** to auto-scan and save stations.

### Saving Presets:

1. Tune to your desired station.
2. Press and hold the **Memory** button until "Preset Store" appears.
3. Use the **Navigate** dial or **Preset** buttons to select a preset number (1-30).
4. Press **Select** to confirm.

### Recalling Presets:

- Press the **Memory** button (short press) to enter preset recall mode.
- Use the **Navigate** dial or **Preset** buttons to select the desired preset.
- Press **Select** to tune to the station.

## 2. Bluetooth Speaker Mode

Connect your smartphone, tablet, or computer wirelessly to the MB420K.

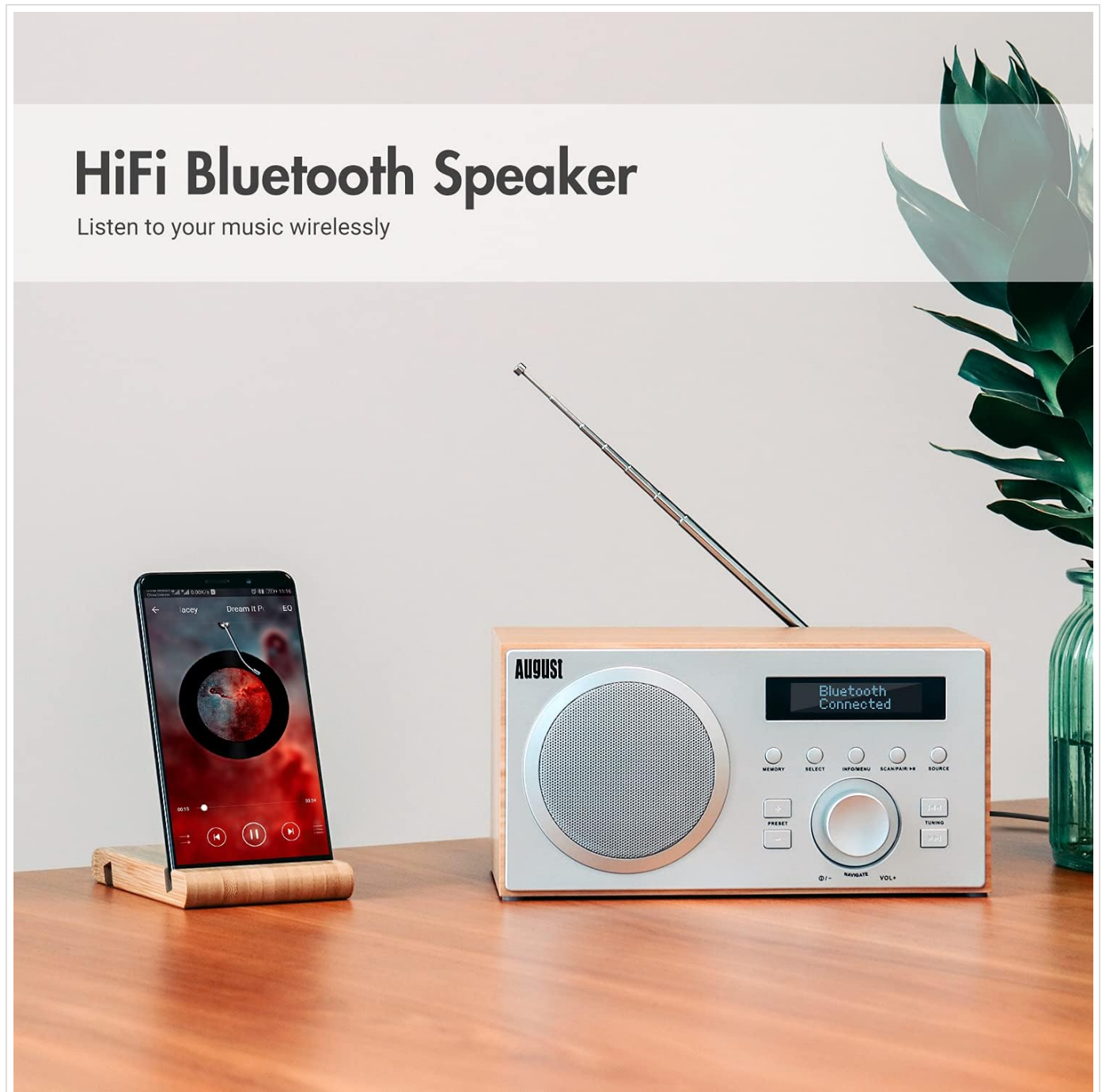


Image: The August MB420K radio wirelessly connected to a smartphone, illustrating its function as a HiFi Bluetooth speaker for streaming music.

1. Press the **Source** button to select "Bluetooth" mode. The display will show "Bluetooth Pairing" or "Bluetooth Connected".
2. On your Bluetooth device, enable Bluetooth and search for "MB420K".
3. Select "MB420K" to pair. Once connected, you can play audio from your device through the speaker.

## 3. USB Playback

Play MP3 music files directly from a USB flash drive.

1. Insert a USB flash drive containing MP3 files into the USB port on the back of the MB420K.
2. Press the **Source** button to select "USB" mode.
3. The radio will automatically start playing the first compatible audio file. Use the **Tuning** buttons to skip tracks.

## 4. AUX Input

Connect external audio devices using a 3.5mm audio cable.

1. Connect one end of a 3.5mm audio cable to the "3.5mm Aux In" port on the back of the MB420K.
2. Connect the other end to the headphone jack or audio output of your external device (e.g., MP3 player, phone).
3. Press the **Source** button to select "AUX" mode.
4. Control playback from your external device.

## 5. Dual Alarm Clock Function

Set up to two independent alarms to wake you up.

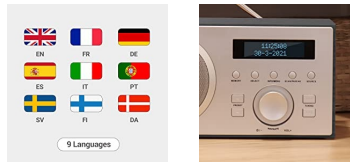


Image: Icons for Alarm and Sleep Timer functions, indicating the device's capabilities.

1. Press the **Info/Menu** button, then use the **Navigate** dial to select "Alarm". Press **Select**.
2. Choose "Alarm 1" or "Alarm 2" and press **Select**.
3. Follow the on-screen prompts to set the alarm time, duration, source (Buzzer, DAB, FM, USB), frequency (Daily, Once, Weekdays, Weekends), and volume.
4. Press **Select** to confirm each setting.

### Snooze Function:

When an alarm sounds, press any button (except Power) to activate snooze. The alarm will sound again after a set interval.

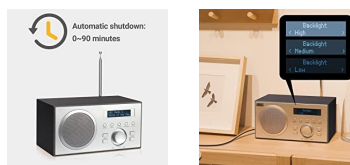


Image: Icons indicating USB playback and DAB+ FM radio as alarm sources.

## 6. Sleep Timer

Set the radio to automatically turn off after a specified period.

1. Press the **Info/Menu** button, then use the **Navigate** dial to select "Sleep". Press **Select**.
2. Use the **Navigate** dial to select the desired sleep timer duration (e.g., 15, 30, 45, 60, 90 minutes).
3. Press **Select** to confirm. The radio will turn off after the selected time.



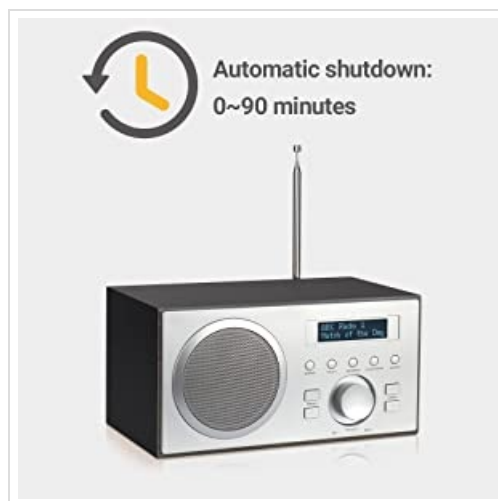


Image: The August MB420K radio with a graphic indicating its automatic shutdown feature, configurable from 0 to 90 minutes, useful for falling asleep to music.

## 7. Display Settings (Backlight)

Adjust the backlight brightness of the LCD display.

1. Press the **Info/Menu** button, then use the **Navigate** dial to select "System Settings". Press **Select**.
2. Select "Backlight" and press **Select**.
3. Choose your desired brightness level (e.g., High, Medium, Low) and press **Select**.



Image: The August MB420K radio's display showing the menu for backlight settings, with options for High, Medium, and Low brightness.

## MAINTENANCE

### Cleaning:

Wipe the surface of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

Storage:

If not using the device for an extended period, unplug it from the power outlet and store it in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty outlet.	Ensure the power adapter is securely connected to the unit and a working power outlet.
Poor radio reception	Antenna not extended or weak signal.	Fully extend the telescopic antenna. Try repositioning the unit for better signal reception. Perform a full scan for stations.
Bluetooth not pairing	Device not in pairing mode or already connected to another device.	Ensure the MB420K is in Bluetooth mode and "Bluetooth Pairing" is displayed. Disconnect from any previously paired devices. Restart both devices.
USB playback not working	Unsupported file format or corrupted USB drive.	Ensure files are in MP3 format. Try a different USB drive or reformat the current one.
Alarm not sounding	Alarm not enabled or volume too low.	Check alarm settings to ensure it is enabled and the volume is set appropriately.







SPECIFICATIONS

- **Model:** MB420K
- **Brand:** August
- **Tuner Technology:** DAB Plus, FM
- **Connectivity:** Bluetooth (v4.2), USB, 3.5mm AUX In/Out
- **Speaker Output:** 5 Watts
- **Display:** LCD
- **Power Source:** AC adapter (DC 6.5V)
- **Dimensions:** 22.5 x 15.7 x 11.6 cm
- **Weight:** 1 kg
- **Material:** Wood
- **Special Features:** Built-In Clock, Dual Alarm, Sleep Timer, 30 DAB/FM Presets

WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official August website or contact their customer service. The product is typically covered by a manufacturer's warranty against defects in materials and workmanship. You can find more information and support at the [August Store on Amazon](#) or their official website [www.augustint.com](http://www.augustint.com).  
**WEEE Registration No.:** UK/WEE/AF0109WY

Related Documents - MB420K

	<p><a href="#">August MB420 DAB/DAB+/FM Alarm Clock Radio User Manual</a></p> <p>Comprehensive user manual for the August MB420 DAB/DAB+/FM Alarm Clock Radio, covering features, operation, safety, and specifications.</p>
	<p><a href="#">August MB420 DAB/FM Alarm Clock Radio User Manual</a></p> <p>Comprehensive user manual for the August MB420 DAB/FM Alarm Clock Radio, detailing its features, operation, specifications, safety instructions, and troubleshooting guide.</p>
	<p><a href="#">August MB450 Retro Bluetooth DAB/DAB+/FM Radio User Manual</a></p> <p>This user manual provides comprehensive instructions for operating the August MB450 Retro Bluetooth DAB/DAB+/FM Radio with Dual Alarm Clock. It covers features, setup, daily use, advanced settings, troubleshooting, and technical specifications.</p>
	<p><a href="#">August MB225B Portable DAB/DAB+/FM Alarm Clock Radio User Manual</a></p> <p>Comprehensive user manual for the August MB225B portable DAB/DAB+/FM alarm clock radio. Learn about features, operation, settings, troubleshooting, and warranty for this digital audio broadcast device.</p>
	<p><a href="#">August MB300: User Manual for FM Radio and Music Alarm Clock</a></p> <p>Comprehensive user manual for the August MB300, a versatile FM clock radio with MP3 playback, alarm functions, and a built-in music player. Learn about setup, features, safety, and troubleshooting.</p>
	<p><a href="#">August MB300 Mini MP3 Musicbox with FM Clock Radio User Manual</a></p> <p>Comprehensive user manual for the August MB300 Mini MP3 Musicbox, detailing its features, operation, specifications, and troubleshooting for FM radio, MP3 playback, and clock alarm functions.</p>



