KEiiD KD-B02

KEiiD Bluetooth Clock Radio Speaker

MODEL: KD-B02 USER MANUAL

Introduction

Thank you for choosing the KEiiD KD-B02 Bluetooth Clock Radio Speaker. This versatile device combines a high-quality Bluetooth speaker, FM radio, dual alarm clock, and a built-in sound machine, designed to enhance your daily life with superior sound and convenient features. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure you get the most out of your new device.

Product Overview

Key Features:

- Versatile functionality: Bluetooth speaker, clock radio, white noise/sound machine, FM radio receiver.
- Aesthetic design with creative oval shape and wooden finish top, steel mesh cover.
- Two 2.5-inch 8Ω10W full-range speakers with DSP sound optimization for enhanced sound quality.
- Latest Bluetooth 5.4 technology for faster connection and lossless sound transmission.
- Automatic clock synchronization with paired phone.
- Easy-read LED clock with 3 levels dimmer and auto-dimmer (10:00 PM to 7:00 AM).
- Built-in white noise/sound machine with 9 pre-set sounds; customizable via TF (micro SD) card.
- 30/60/90 minutes sleep timer.
- Dual alarms with 10 minutes snooze; FM radio or custom music from TF card can be set as alarm ringtone.
- USB and AUX line-in connectivity.

Figure 1: KEiiD KD-B02 Bluetooth Clock Radio Speaker with included remote control.

Component Identification:

1. Touch Control Panel: Located on the top surface for various functions.

2. Steel Mesh Cover: Surrounds the speaker, providing protection and aesthetic appeal.

3. 2x 8Ω10W Full-Range Speakers: Integrated behind the mesh for audio output.

4. LED Digital Display: Front-facing display for time, mode, and settings.

5. FM Radio Aerial Roller: Located at the back for FM signal reception.

6. 12V DC Power Input: For connecting the power adapter.

7. USB Slot: For USB playback.

8. TF Card Slot: For custom sound files and music.

9. AUX Input: For connecting external audio devices via 3.5mm cable.

Touch control

Steel mesh cover

2x 8Ω10W full-range 2.5" premium speaker

LED digital display

FM radio aerial roller

12V DC power input

USB slot

AUX

TF card slot
(for saving custom sound files only)

Figure 2: Front and rear view of the KD-B02 with key components labeled.

Setup

1. **Power Connection:** Connect the provided 12V2A power adapter to the DC power input port on the back of the unit. Plug the adapter into a standard wall outlet. The unit will power on and the LED display will illuminate.

2. **Initial Clock Synchronization:** For automatic time setting, pair the KD-B02 with your smartphone via Bluetooth. Once successfully paired, the clock will automatically synchronize with your phone's time.

Figure 3: Automatic clock synchronization upon Bluetooth pairing.

3. **FM Antenna Setup:** Unroll the FM radio aerial roller located at the back of the unit. Extend it fully and position it for optimal FM signal reception.

Operating Instructions

General Controls:

The KD-B02 can be operated using the touch control panel on the top of the unit or the included remote control. Refer to the diagram in Figure 2 for button locations.

- **Power Button ( ):** Press to turn the unit on or off.
- **Mode Button (M):** Press to cycle through input modes: Bluetooth, FM Radio, USB, AUX, Sound Machine.
- **Play/Pause Button (▶‖):** Play or pause audio playback.
- **Volume Up/Down (+ / -):** Adjust the volume level.
- **Previous/Next Track (/):** Skip to the previous or next track in Bluetooth or USB mode; tune to previous/next station in FM mode.
- **Dimmer Button (☀):** Adjust the brightness of the LED display (3 levels). Long press to activate/deactivate auto-dimmer.
- **Alarm Button ( ):** Access alarm settings.
- **Sleep Timer Button (Zz):** Set the sleep timer (30/60/90 minutes).

Bluetooth Mode:

1. Press the Mode button until "Bluetooth" or "BT" appears on the display. The unit will enter pairing mode, indicated by a flashing Bluetooth icon.

2. On your smartphone or other Bluetooth device, enable Bluetooth and search for "KEiiD KD-B02".

3. Select "KEiiD KD-B02" to pair. Once connected, a confirmation tone will sound, and the Bluetooth icon on the display will become solid.

4. You can now play audio from your device through the speaker. Use the Play/Pause, Previous/Next, and Volume buttons to control playback.

FM Radio:

1. Press the Mode button until "FM" appears on the display.

2. **Auto Scan:** Long press the Play/Pause button to automatically scan and save available FM stations.

3. **Manual Tuning:** Use the Previous/Next buttons to manually tune to specific frequencies.

4. **Recall Saved Stations:** Short press the Previous/Next buttons to cycle through saved stations.
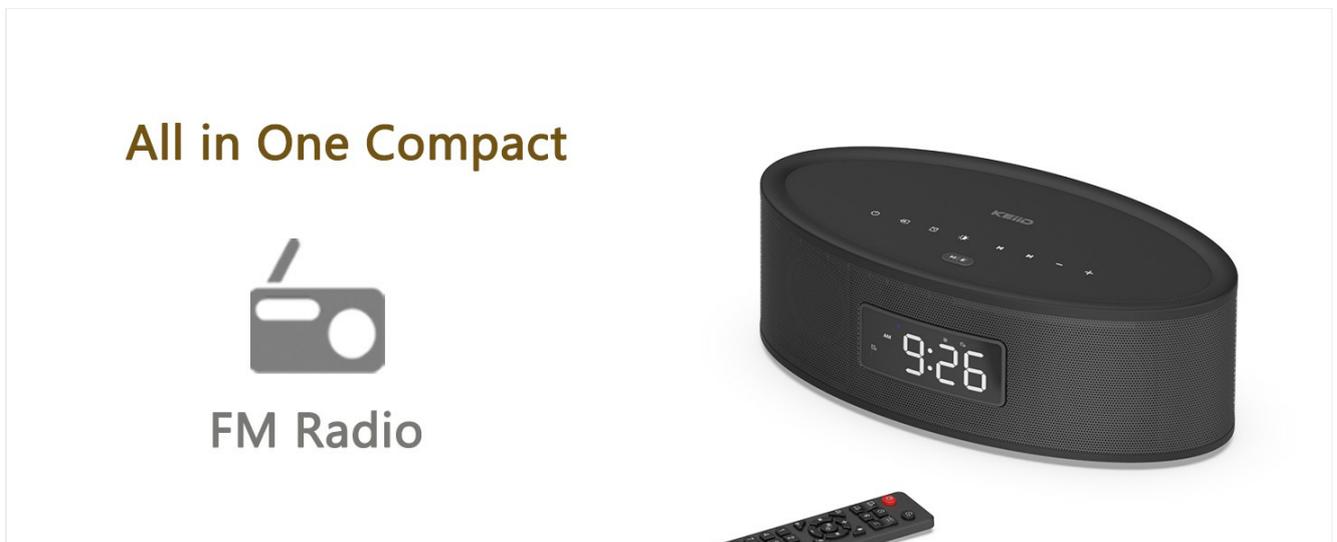

Figure 4: FM radio functionality with various frequencies.

Clock and Alarm Settings:

1. **Setting Time:** The clock automatically synchronizes with your phone when connected via Bluetooth. If manual adjustment is needed, consult the full manual for specific steps (not detailed here for brevity).

2. **Setting Alarms:**

   - Press the Alarm button to enter alarm setting mode.
   - Use the Previous/Next buttons to adjust the hour and minute.
   - Press the Alarm button again to confirm each setting.
   - Select the alarm source: FM radio or a custom music file from the TF card.
   - Activate or deactivate the alarm.

3. **Snooze Function:** When an alarm sounds, press any button (except power) to activate snooze for 10 minutes.

4. **Display Dimmer:** Press the Dimmer button to cycle through 3 brightness levels. Long press to enable or disable the auto-dimmer feature, which automatically darkens the display between 10:00 PM and 7:00 AM.

Figure 5: Sleep timer and alarm customization options.

Sound Machine:

1. Press the Mode button until "Sound Machine" or "SM" appears on the display.

2. Use the Previous/Next buttons to cycle through the 9 built-in sound files (e.g., white noise, nature sounds).

3. **Custom Sounds:** Insert a TF (micro SD) card with your preferred sound files (MP3, WAV format recommended) into the TF card slot. The unit will automatically detect and play these files.

4. **Sleep Timer:** Press the Sleep Timer button to set a countdown for 30, 60, or 90 minutes. The unit will automatically turn off after the selected duration.

USB and AUX Playback:

- **USB Playback:** Insert a USB flash drive containing audio files into the USB slot. Press the Mode button until "USB" appears. The unit will automatically begin playing audio files.

- **AUX Input:** Connect an external audio device (e.g., MP3 player, CD player) to the AUX input port using a 3.5mm audio cable. Press the Mode button until "AUX" appears. Audio from the connected device will play through the speaker.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the unit. Do not use liquid cleaners or abrasive materials, as they may damage the finish.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power:** Always disconnect the power adapter before cleaning or if the unit will not be used for a long time.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating. Do not block ventilation openings.

Troubleshooting

Problem	Possible Cause	Solution
No power/display off	Power adapter not connected or faulty outlet.	Ensure the power adapter is securely connected to the unit and a working power outlet.
Clock time is inaccurate	Bluetooth synchronization issue or internal clock drift.	Ensure the unit is regularly paired with a smartphone via Bluetooth for automatic time synchronization. If the issue persists, manually reset the time (refer to full manual for steps).
No sound from speaker	Volume too low, incorrect mode, or device not connected.	Increase volume. Check if the correct input mode (Bluetooth, FM, USB, AUX) is selected. Ensure Bluetooth device is paired or AUX/USB device is properly connected.
Bluetooth pairing fails	Device too far, Bluetooth not enabled, or interference.	Ensure the unit and Bluetooth device are within 10 meters. Make sure Bluetooth is enabled on your device. Try restarting both devices.
Poor FM radio reception	FM aerial not extended or positioned correctly, weak signal.	Fully extend and adjust the FM aerial. Try repositioning the unit for better reception.
LED display too bright at night	Auto-dimmer not activated or brightness level too high.	Press the Dimmer button to reduce brightness. Long press the Dimmer button to activate the auto-dimmer feature.
Buttons unresponsive or difficult to use	Dust/debris on touch panel, or temporary software glitch.	Clean the touch control panel with a soft, dry cloth. Try power cycling the unit (unplug and replug). Ensure you are using a direct touch, not through thick materials.

Specifications

Feature	Detail
Brand	KEiiD
Model Number	KD-B02

Feature	Detail
Color	Black
Display Type	Digital LED
Product Dimensions	11.8"W x 4.1"H (approximate)
Item Weight	3.83 pounds (1.74 Kilograms)
Power Source	Corded Electric via 12V2A Power Adapter
Bluetooth Version	5.4
Speakers	Two 2.5 inch 8Ω10W full-range speakers
Special Features	FM radio, LED Clock, Dual Alarms with customizable ringtone, White Noise/sounds machine (customizable files via TF card), USB, AUX line in, 3 levels auto dimmer, 30/60/90 minutes sleep timer
Batteries Included	1 Nonstandard Battery (included)

Warranty and Support

KEiiD products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official KEiiD website. Please retain your proof of purchase for warranty claims.