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## KBSound 50804

# KBSound Star Integrated Radio with Bluetooth 2.5-inch Speaker User Manual

Model: 50804 | Brand: KBSound

## PRODUCT OVERVIEW

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The KBSound "Star" is an innovative built-in radio system designed for discreet installation in false ceilings or furniture. It offers both FM radio reception and Bluetooth connectivity, allowing you to stream audio from your smart devices. The system is primarily controlled via a dedicated mobile application, providing a modern alternative to conventional radios.



*Image: The KBSound Star 2.5-inch speaker system, showing the product packaging, two white circular speakers, the main control module, and associated wiring. This image illustrates the complete kit as it would appear upon unboxing.*

## SAFETY INFORMATION

Please read and understand all safety precautions before installing or operating the KBSound Star system. Failure to do so may result in injury or damage to the product.

- Installation should be performed by a qualified professional to ensure electrical safety and compliance with local regulations.
- Do not expose the unit to moisture, water, or extreme temperatures. This product is designed for dry indoor environments (e.g., bathrooms in dry zones).
- Ensure proper ventilation around the main module to prevent overheating. Do not cover the module.
- Disconnect power from the main supply before performing any maintenance, installation, or wiring adjustments.
- Use only the specified power supply and components provided or approved by KBSound.

## PACKAGE CONTENTS

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Your KBSound Star 2.5-inch speaker system package should contain the following items:

- 1 x KBSound Star Master Module
- 2 x 2.5-inch Speakers
- Connecting Cables (including speaker wires and power cable)
- FM Antenna Wire
- User Manual (this document)

If any items are missing or damaged, please contact your retailer or KBSound support immediately.

## SETUP AND INSTALLATION

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### 1. Physical Installation

The KBSound Star system is designed for discreet ceiling mounting or integration into furniture. Proper installation is crucial for optimal performance and safety.

1. **Choose Location:** Select a suitable location in a false ceiling or furniture, ensuring adequate space for the master module and speakers. The system is ideal for kitchens, bathrooms (dry zones), or living rooms.
2. **Speaker Placement:** Install the 2.5-inch speakers in designated cutouts. Ensure they are securely fastened and positioned for optimal sound distribution.
3. **Module Placement:** Mount the master module in an accessible yet discreet location, away from direct moisture and ensuring sufficient ventilation.
4. **Wiring:** Connect the speakers to the master module using the provided speaker cables. Connect the power supply to the module and to a suitable power source. Ensure all connections are secure and correctly polarized.
5. **FM Antenna:** Connect the supplied wire antenna to the FM input on the module. For areas with weaker reception, an optional dipole projection antenna or a home connection can be used via the coaxial input (IEC socket).

### 2. App Installation and Pairing

The KBSound Star system is primarily controlled via the dedicated KBSound Star mobile application.

1. **Download App:** Download the "KBSound Star" app from the [App Store](#) (for iOS devices running version 10.0 or higher) or the [Google Play Store](#) (for Android devices running version 4.4 or higher).
2. **Power On:** Ensure the KBSound Star module is powered on and receiving electricity.
3. **Bluetooth Pairing:** Open the KBSound Star app on your smartphone or tablet. The app will automatically search for and guide you through the Bluetooth pairing process with the KBSound Star module. You can customize the pairing code within the app settings for enhanced security.

## OPERATING INSTRUCTIONS

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### 1. Basic Operation

Control of the KBSound Star system is primarily done through the dedicated mobile application. A separate remote control is also available as an accessory (sold separately).

- **Power On/Off:** Use the app's interface to turn the system on or off.
- **Volume Control:** Adjust the audio volume levels precisely via the app's interface.
- **Source Selection:** Easily switch between available audio sources, including FM radio and Bluetooth audio, directly from the app.

### 2. FM Radio

The system features a powerful FM receiver for clear radio reception.

- **Tuning:** Use the app to scan for available FM stations or manually tune to a specific frequency.
- **Presets:** Save your favorite stations as presets within the app for quick and easy access.

### 3. Bluetooth Streaming

Stream music and audio content directly from your smartphone, tablet, or other Bluetooth-enabled devices (e.g., smart assistants like Alexa).

- **Pairing:** Once initially paired via the app, your device will automatically connect to the KBSound Star module when in range and Bluetooth is enabled on your device.
- **Audio Playback:** Play audio from any music streaming service, podcast app, or media player on your connected device.

### 4. Advanced Features

- **Auto Power Function:** This feature allows the system to automatically resume its last operational state (e.g., playing FM radio or Bluetooth audio) when power is restored after an interruption.
- **Ideal Mode:** This function saves your preferred startup settings, ensuring the system powers on with your desired configuration, providing a consistent user experience.
- **Multi-Zone Audio (with optional AUX amplifiers):** The KBSound "Star Space" master module offers the possibility to operate one zone with up to 8 x 16-ohm speakers. With separately available AUX amplifiers, up to 4 additional zones can be added. The volume of auxiliary amplifiers is always synchronized with the master module, allowing for sound distribution in multiple rooms or areas like offices, sales floors, or factory halls.

## MAINTENANCE

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To ensure the longevity and optimal performance of your KBSound Star system, follow these maintenance

guidelines:

- **Cleaning:** Wipe the speakers and module surfaces with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or internal components.
- **Ventilation:** Periodically check that the master module has adequate ventilation and that its vents are not obstructed by dust or debris. Proper airflow prevents overheating.
- **Firmware Updates:** Check the KBSound Star app periodically for any available firmware updates for the module. Keeping the firmware updated ensures optimal performance and access to new features.

## TROUBLESHOOTING

If you encounter any issues with your KBSound Star system, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No power to the module	Power cable disconnected; no power at outlet; circuit breaker tripped.	Check all power connections; ensure the outlet is functional; reset the circuit breaker if necessary.
No sound from speakers	Speakers not connected properly; volume too low; incorrect audio source selected in app.	Verify all speaker wiring connections to the module; increase volume via the app; select the correct source (FM/Bluetooth) in the app.
Bluetooth pairing issues	Bluetooth device too far from module; incorrect pairing code entered; module not in pairing mode; interference.	Ensure your device is within Bluetooth range; re-enter the pairing code if prompted; restart the module and your device; try pairing in a different location if interference is suspected.
Poor FM radio reception	Antenna not properly connected or positioned; weak signal area; interference from other electronics.	Check the FM antenna connection and try repositioning it; consider using an external dipole antenna or connecting to a home antenna system via the IEC socket for improved reception.
App not connecting to module	Bluetooth is off on your mobile device; app is outdated; module is unresponsive; network issues.	Ensure Bluetooth is enabled on your smartphone/tablet; update the KBSound Star app to the latest version; power cycle the KBSound module (turn off and on); check your device's network connection.

## SPECIFICATIONS

Detailed technical specifications for the KBSound Star 2.5-inch speaker system:

Feature	Detail
Brand	KBSound
Model Number	50804
Color	Black, White, Silver
Functions	Wireless
Resistance	16 ohms
Installation Type	Ceiling Mount
Connectivity	Bluetooth
Compatible Devices	Tablet
Package Dimensions	24.5 x 22.8 x 6.4 cm; 883 grams
ASIN	B07NNRSGC8
First Available Date	March 7, 2019

## WARRANTY AND SUPPORT

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For detailed warranty information, technical support, and service inquiries regarding your KBSound Star system, please refer to the official KBSound website or contact your authorized local distributor. It is recommended to retain your proof of purchase for any warranty claims.

You can also check the KBSound Star app for frequently asked questions or direct support options.