

## KEF LS60

# KEF LS60 Wireless System Instruction Manual

Model: LS60 | Brand: KEF

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## 1. INTRODUCTION TO THE KEF LS60 WIRELESS SYSTEM

The KEF LS60 Wireless System is an all-in-one speaker system designed to deliver high-fidelity sound. It integrates advanced acoustic technologies to provide a comprehensive audio experience for various home entertainment needs. This system supports streaming from diverse sources and offers connectivity to a wide range of home audio devices.

- **High-Fidelity Sound:** Delivers sound up to 24bit/384kHz, combining KEF's key technologies for exceptional audio quality.
- **Versatile Wired Connectivity:** Supports various wired sources including turntables, CD players, game consoles, and TVs via HDMI (eARC). Dedicated outputs are available for adding one or two KEF subwoofers.
- **Extensive Wireless Compatibility:** Features out-of-the-box wireless support for Wi-Fi, Apple AirPlay 2, Google Chromecast, and Bluetooth. Stream directly from Amazon Music, Qobuz, Deezer, Spotify Connect, Tidal Connect, QPlay, and Roon Ready (expected Fall 2022) via the KEF Connect app. Supports PCM files up to 24bit/384kHz, MQA decoding, and DSD.
- **Flexible Interspeaker Connection:** Offers both low-latency intelligent wireless interspeaker connection (up to 24bit/96kHz) and wired connection (up to 24bit/192kHz) for optimized performance and reduced clutter.
- **Powerful Amplification:** Equipped with a highly optimized mixture of bespoke Class AB and Class D amplification, delivering a combined 1400 Watts of audiophile-grade power across high, medium, and low frequencies within each speaker.

## 2. WHAT'S IN THE BOX

Upon unboxing your KEF LS60 Wireless System, you should find the following items:

- 1 Pair LS60 Speakers

- Remote Control
- 1 Set Power Cables
- 1 Interconnect Cable
- Quick Start Guide



Image: The KEF LS60 Wireless System components, including the two speakers, remote control, power cables, interconnect cable, and quick start guide.

### 3. SETUP GUIDE

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Follow these steps to set up your KEF LS60 Wireless System:

1. **Placement:** Position your LS60 speakers in your desired listening area. Ensure adequate space around each speaker for optimal sound dispersion. The speakers can be floor-standing or placed on suitable furniture.
2. **Power Connection:** Connect each speaker to a power outlet using the provided power cables. The LS60 system features active amplification within each speaker.
3. **Interspeaker Connection (Optional but Recommended for Best Performance):**
  - **Wired Connection:** For the highest resolution audio (up to 24bit/192kHz) and most robust connection, use the supplied interconnect cable to link the primary and secondary speakers.
  - **Wireless Connection:** The speakers can also connect wirelessly (up to 24bit/96kHz) for a cable-free setup. This can be configured via the KEF Connect app.
4. **Source Connection:**
  - **TV:** Connect your TV using an HDMI (eARC) cable to the primary speaker for high-quality audio.
  - **Other Wired Sources:** Use the optical, coaxial, or auxiliary inputs for devices like CD players, game consoles, or laptops.
  - **Subwoofer:** If adding KEF subwoofers, connect them to the dedicated subwoofer outputs on each speaker.
5. **Network Connection:** Connect the primary speaker to your home network via Wi-Fi or an Ethernet cable for streaming services and firmware updates.
6. **KEF Connect App:** Download the KEF Connect app on your smartphone or tablet. The app will guide you through the final setup steps, including connecting to your Wi-Fi network, pairing speakers, and configuring audio settings.





Image: The rear panel of the KEF LS60 Wireless primary speaker, highlighting the HDMI (eARC), Optical, Coaxial, Aux, USB, Network, and Subwoofer output connections.

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Video: An official KEF video showcasing the LS60 Wireless system, its design, and key features. This video provides a visual overview of the product and its capabilities.

## 4. OPERATING INSTRUCTIONS

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The KEF LS60 Wireless System offers multiple ways to control your audio experience:

### 4.1 KEF Connect App Control

The KEF Connect app is your central hub for controlling the LS60 system. It allows you to:

- **Select Sources:** Switch between wired inputs (HDMI, Optical, Coaxial, Aux) and wireless streaming options (Wi-Fi, Bluetooth, AirPlay 2, Chromecast).
- **Access Streaming Services:** Directly stream from integrated services like Amazon Music, Qobuz, Deezer, Spotify Connect, Tidal Connect, and QPlay.
- **Adjust EQ Settings:** Fine-tune the sound to your preference and room acoustics. Options include Desk mode, Wall mode, Treble trim, Phase correction, Bass extension, High-pass frequency, Sub out low-pass frequency, and Sub gain.
- **Manage Volume and Balance:** Control the overall volume, set maximum volume limits, and adjust left/right balance.
- **Firmware Updates:** Check for and install the latest firmware to benefit from performance improvements and new features.



Image: A screenshot of the KEF Connect app, illustrating the various streaming services and EQ settings available for customization.

## 4.2 Remote Control

A dedicated remote control is included for convenient access to essential functions:

- Power On/Off
- Volume Up/Down
- Mute
- Source Selection
- Playback Controls (Play/Pause, Skip Track)

## 4.3 On-Speaker Controls

The primary speaker features a top touch panel with basic controls:

- Power On/Off
- Source Selection
- Volume Up/Down
- Mute



Image: A close-up of the top panel of the KEF LS60 Wireless speaker, showing the integrated touch controls for power, source, volume, and mute.

## 5. SPECIFICATIONS

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Feature	Detail
Brand	KEF
Model Name	LS60
Speaker Maximum Output Power	1400 Watts
Connectivity Technology	Bluetooth, Coaxial, HDMI, Optical, Wi-Fi
Audio Output Mode	Stereo
Mounting Type	Floor Standing
Enclosure Material	Aluminum
Speaker Type	Tower
Additional Features	Amazon Music, Apple Airplay 2, Google Chromecast, Spotify Connect, TIDAL Connect
Color	Black (Carbon Black variant)
Warranty Type	2 year manufacturer
Control Method	Remote, App Control, Button
Item Dimensions D x W x H	15.5"D x 40.94"W x 42.9"H
Item Weight	139 Pounds
Compatible Devices	Smartphone, Tablet, Television, Laptop
Power Source	Corded Electric
Number of Audio Channels	2.0
Wireless Technology	Airplay, Bluetooth, Wi-Fi
Subwoofer Connectivity Technology	Wired
Audio Driver Type	Hybrid Driver
Audio Driver Size	19 Millimeters

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your KEF LS60 Wireless System, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the speaker surfaces with a soft, dry, lint-free cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Dusting:** Regularly dust the speaker grilles and surfaces to prevent dust buildup, which can affect sound quality and aesthetics.
- **Ventilation:** Ensure that the speakers have adequate ventilation. Do not block any vents, as this can lead to

overheating.

- **Environmental Conditions:** Avoid exposing the speakers to extreme temperatures, high humidity, direct sunlight, or moisture. Keep them away from heat sources and liquids.
- **Cable Management:** Periodically check all cable connections (power, interconnect, source) to ensure they are secure and free from damage. Avoid bending cables sharply.
- **Firmware Updates:** Regularly check for and install firmware updates via the KEF Connect app to benefit from performance improvements and new features.

## 7. TROUBLESHOOTING

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If you encounter issues with your KEF LS60 Wireless System, try the following solutions:

- **No Sound:**
  - Ensure both speakers are powered on and connected to a power source.
  - Verify that the correct input source is selected on the KEF Connect app or remote control.
  - Check all audio cables (HDMI, Optical, Coaxial, Aux) for secure connections.
  - Confirm that the volume is not muted or set too low.
  - If using wireless interspeaker connection, try switching to a wired connection for improved stability.
- **Connectivity Issues (Wi-Fi/Bluetooth):**
  - Ensure your Wi-Fi network is active and the speakers are within range.
  - Restart your Wi-Fi router and the KEF LS60 speakers.
  - Reconnect the speakers to your Wi-Fi network via the KEF Connect app.
  - For Bluetooth, ensure the speakers are in pairing mode and your device's Bluetooth is enabled.
  - Consider using a wired Ethernet connection for network stability if Wi-Fi issues persist.
- **Distorted Sound:**
  - Check the audio source for distortion.
  - Reduce the volume level on both the speakers and the source device.
  - Adjust the EQ settings in the KEF Connect app, particularly treble and bass, to suit your room and preferences.
- **Speaker Not Responding:**
  - Perform a power cycle by unplugging the speakers from the power outlet for a few minutes, then plugging them back in.
  - Check the remote control batteries and ensure there are no obstructions between the remote and the speakers.

## 8. WARRANTY & SUPPORT

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The KEF LS60 Wireless System comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support, service, or warranty claims, please refer to the contact information provided in your Quick Start Guide or visit the official KEF website. Keep your proof of purchase for warranty validation.

