OBSESSED WITH HIGH RESOLUTION

LS50 Wireless

LS50 Wireless is a complete and fully active music system designed for the way high resolution music is now enjoyed. Based on the award-winning LS50 speakers and sharing the same acoustic features, the LS50 Wireless enables users to easily enjoy exceptional sound quality previously only achieved by an array of sophisticated components.

The LS50 pedigree

All the acoustics features and benefits of the award-winning LS50 speakers are retained. These include the FEA-designed cabinet, Uni-Q driver, constrained layer damping bracing, precision-made curved baffle and the elliptical flexible sound port. Together these prevent cabinet vibrations, radiating sound, resonances, and colouration.

A complete, fully active system

With end-to-end 192kHz/24-bit high-resolution digital signal path, a dedicated DAC per channel, a streaming pre-amplifier, and factory-optimised 230-watt x2 amplification in a bi-amp dual mono configuration makes the LS50 Wireless a total music system.

LS50 Wireless includes a broad range of connectivity options, including 2.4GHz/5GHz Dual-band Wi-Fi, Bluetooth 4.0 with the aptX codec, Asynchronous USB Type B, TOSLINK Optical, and RCA Analog. A dedicated app for LS50 Wireless, available on iOS and Android, simplifies network setup, music streaming, playback and control.

Uni-Q sound taken to the next level

High and low frequencies should hit your ears at exactly the right time. This perfect time alignment was only an ideal case in theory previously, and perfectly accurate sound could only be experienced within a small 'sweet spot'. With LS50 Wireless' advanced time correcting DSP crossover and the unique sound dispersion abilities of Uni-Q, time corrected accurate sound can be achieved in different types of rooms. This is a feat that cannot be reproduced by any other active speaker.

Titanium Grey/Red

Gloss Black/Blue

Gloss White/Copper

Features:

- LS50 acoustic design with 5.25" Uni-Q driver; FEA designed cabinet; Constrained Layer Damping Bracing; Elliptical Flexible Port

- KEF's dedicated time correcting Digital Signal Processing (DSP) design

- Customized EQ settings

- 192kHz/24bit high-resolution DAC decoding on each speaker

- 2.4GHz/5GHz Dual-band Wi-Fi connectivity

- Bluetooth 4.0 with aptX codec

- Asynchronous USB connection

- Digital input (TOSLINK)

- L&R RCA Analog input

- Subwoofer output – controllable from iOS or Android app

- Dedicated apps for iOS and Android

- Touch-sensitive control panel with clear backlit display of inputs

- Available in Titanium Grey/Red, Gloss Black/Blue, Gloss White/Copper finishes

In the box

- LS50 Wireless
  (Right: Master speaker; Left: Slave speaker)

- 2m Power cord × 2

- 3m Cat-6 Inter-speaker cable × 1

- 2m USB cable × 1

- 1m LAN cable × 1

- Remote Control × 1

- Quick Start Guide

- Safety and Warranty

Specifications

Model	LS50 Wireless
Drive units	Uni-Q driver array: HF: 25mm (1in.) vented aluminium dome LF/MF: 130mm (5.25in.) magnesium/aluminium alloy
Frequency Range (-6dB) Measured at 85dB/1m	40Hz – 47kHz (More bass extension) 43Hz – 47kHz (Standard) 46Hz – 47kHz (Less bass extension) Depending on speaker settings
Frequency Response (±3dB) Measured at 85dB/1m	45Hz – 28kHz (More bass extension) 50Hz – 28kHz (Standard) 61Hz – 28kHz (Less bass extension) Depending on speaker settings
Max Output (SPL)	106dB
Amplifier Output Power	LF: 200W HF: 30W
Inputs	2.4GHz/5GHz Dual-band Wi-Fi network Bluetooth 4.0 with aptX® codec USB Type B TOSLINK Optical RCA Analog Line Level Input 10/100 Mbps RJ45 Ethernet (For network and service)
Output	Subwoofer output
Resolution	Up to 24bit Depending on source resolution
Sampling Rate	Up to 192kHz (USB Type B) Up to 96kHz (TOSLINK Optical) Depending on source resolution
Wi-Fi Network Standard	IEEE 802.11a/b/g/n
Wi-Fi Network Frequency Band	Dual-band 2.4GHz/ 5 GHz
Bluetooth Range	10m
Bluetooth Memory	8 devices
Dimension (H x W x D)	300 x 200 x 308mm(11.8 x 7.9 x 12.1in.)
Weight	Left Speaker 10.0kg (22.0lbs.) Right Speaker 10.2kg (22.5lbs.)
Power Input	100 – 240VAC 50/60Hz

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KEF reserves the right, in line with continuing research and development, to amend or change specifications. E&OE.