

## KW1 WIRELESS SUBWOOFER ADAPTER KIT

### Performance with convenience

KW1 is a wireless adapter system designed to work with KUBE 8b, 10b, 12b and KF92 of KEF subwoofers. Comprising a discreet transmitter and receiver, using KW1 means KEF subwoofers can be optimally placed, rather than limited by trailing cables. The high-quality wireless transmission delivers every ounce of detail and impact from your favourite films and music. KW1 is also perfectly suited for use with KEF's LSX, LS50 Wireless and LS50 Wireless II.



Transmitter

Receiver

### The KEF difference

The diminutive transmitter and receiver units are designed for function without drawing attention to themselves. The transmitter can be powered by USB, while the receiver is powered directly by the KEF subwoofer expansion port. In many cases, additional power sockets are not required.

Unlike similar devices, KW1 operates in the high bandwidth 5GHz band, delivering high-resolution audio up to 24bit/48kHz. Pairing is intuitive, while a range of up to 30m (line of sight) makes subwoofer placement easy. An advanced channel selection algorithm, vanishingly low latency and data encryption ensures that day-to-day use is not only hassle-free, but secure. The receiver is also available separately, allowing two KEF subwoofers to receive the same signal wirelessly from the same transmitter.



### Expand your System Further

The KW1 RX receiver is also available separately, allowing a single transmitter to deliver high quality audio to a second KEF subwoofer wirelessly. By adding a second subwoofer, bass performance becomes more consistent throughout the room, improving the experience for every member of the audience.

### Technology

- **High Performance** - 24-bit 48kHz high resolution audio for pristine performance
- **Lossless Audio** - 5.2 & 5.8GHz selectable digital wireless link for near lossless audio
- **Advanced Algorithm** - Advanced RF Selection Algorithm
- **Wide Range** - Up to 15 meter (30m/ 100 ft line of sight) operational distance between transmitter and receiver
- **Low Latency** - Designed with latency of <17ms

### Specifications:

Model	KW1 TX/RX System	KW1 RX Receiver
Radio Frequency	5.2GHz and 5.8GHz	5.2GHz and 5.8GHz
Sampling Rate	24bit, 48KHz	24bit, 48KHz
Latency	<17ms	<17ms
Link Distance	Max 100 ft (Line of sight)	Max 100 ft (Line of sight)
Frequency Response	10Hz - 20kHz	10Hz - 20kHz
Signal-to-noise Ratio	>80dB	>80dB
Transmitter Power Input	5V DC 1A	-
Audio Output Level	2V	2V
Transmitter Input Level	2V	-
Total harmonic distortion	typ.-90 dB	typ.-90 dB
Radio Frequency	5150-5250MHz<=2dBm	5150-5250MHz<=2dBm
Output Power	5725-5850MHz<=7dBm	5725-5850MHz<=7dBm
Dimension H x W x D		
Transmitter	21.4 x 72 x 79.5mm	-
Receiver	27 x 37 x 72mm	27 x 37 x 72mm

Visit: [KEF.com](http://KEF.com) for more about KEF and its products.

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