

Quick Start Guide

V-20W
Wireless Subwoofer for V Soundbar

Introduction

(DEU) Einleitung (FRA) Introduction (JPN) はじめに (SPA) Introducción (CHI-S) 简介

ENG Thank you for purchasing KEF powered subwoofer V-20W. We are confident that your V-20W will provide reliable, high performance sound for many years to come. Please read this manual fully before you attempt any connection to the V-20W.

DEU Vielen Dank für den Kauf des aktiven Subwoofers KEF V-20W. Wir sind davon überzeugt, dass Ihr V-20W lange Zeit zuverlässig funktionieren und eine hohe Klangqualität gewährleisten wird. Lesen Sie bitte diese Anleitung sorgfältig durch, bevor Sie Ihr Gerät anschließen.

FRA KEF vous remercie de votre achat d'un subwoofer modèle V-20W. Nous sommes convaincus que votre haut-parleur V-20W vous procurera un son fiable et de hautes performances pendant de longues années. Veuillez lire intégralement le présent manuel avant de procéder à des connexions quelconques.

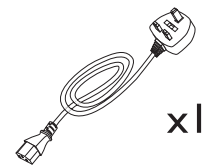
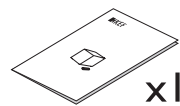
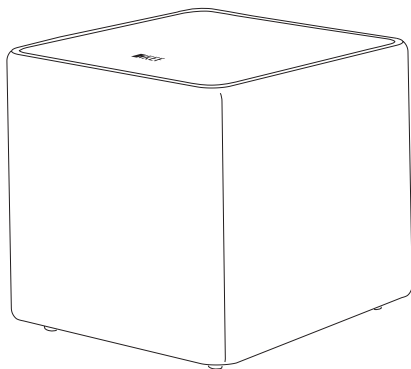
JPN V-20W をお買い上げ有難うございます。ご使用前に必ず本取説をお読みください。

SPA Le damos las gracias por haber adquirido el altavoz para graves KEF Modelo V-20W. Estamos seguros de que el V-20W le proporcionará un sonido de calidad y de altas prestaciones durante muchos años. Por favor, lea este manual antes de intentar conectar y poner en funcionamiento el altavoz.

CHI-S 感谢您购买 V-20W！我们相信，V-20W 将在未来数年里带给您可靠的高性能音质。安装 V-20W 之前，请仔细阅读本手册。

Inside the box

(DEU) Lieferumfang (FRA) À l'intérieur de la boîte (JPN) パッケージの内容 (SPA) Dentro de la caja (CHI-S) 包装清单

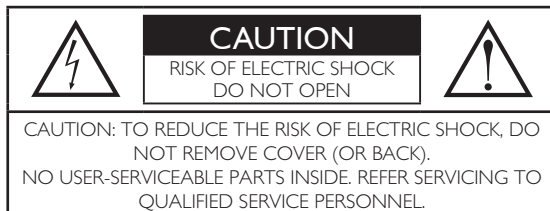


Important safety instructions

- Follow this manual carefully for best results from your speakers
- Read and return warranty card
- Clean with a dry lint free cloth
- Do not use spirit based cleaners
- Avoid damp
- Avoid temperature extremes
- Avoid direct sunlight
- SAFETY NOTICE! trailing cables are dangerous, secure all cables

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE



- A combined mains power input lead and country specific mains plug is provided.
- Check before connecting to your local mains supply that the local supply voltage is the same as that marked on the rear panel. If it is not, check with your supplier before proceeding.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of a sufficient magnitude to constitute a risk of electrical shock to persons.



The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

Due to the mains switch being located on the rear panel, the appliance must be located in an open area without anything obstructing access to the mains switch. The apparatus should be connected to a mains socket with a protective earthing connection.



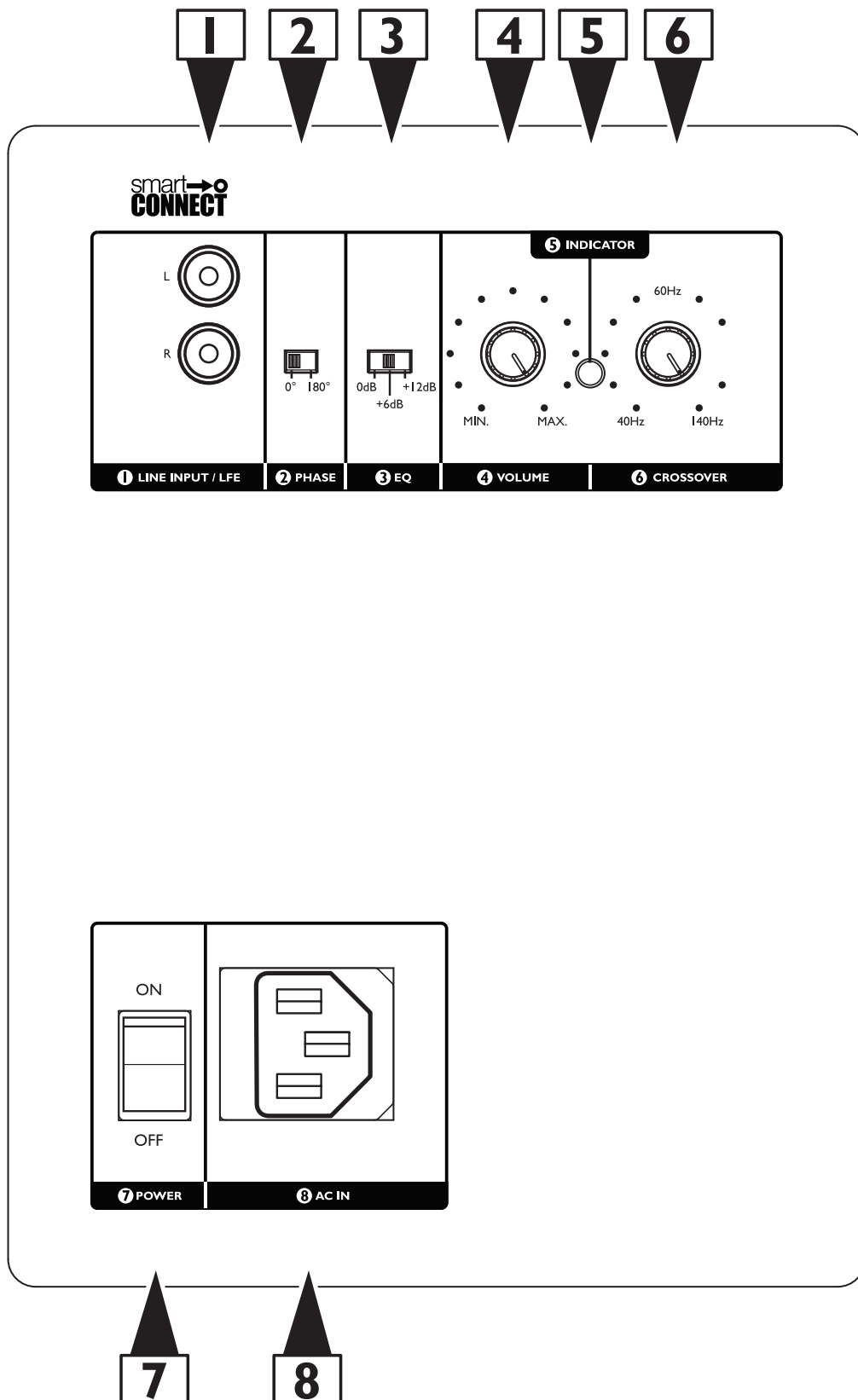
Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Please take heed of the following before using the KEF Model V-20W. Note also that the word "appliance" shall refer to the KEFV-20W subwoofer, or any part of it.

1. **Read Instructions** – All the Safety and Operating Instructions should be read before the appliance is operated.
2. **Retain Instructions** – The Safety and Operating Instructions should be retained for future reference.
3. **Heed Warnings** – All warnings on the appliance and in the Operating Instructions should be adhered to.
4. **Follow Instructions** – All Operating and Use Instructions should be followed. Only use attachments/accessories specified by the manufacturer.
5. **Important** – Do not defeat the safety purpose of the polarized or grounding type plug. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Refer all servicing to a qualified service personnel. Servicing is required for any damaged parts such as power-supply cord or plug.
6. **Water and Moisture** – The appliance should not be used in or near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like. The appliance shall not be exposed to dripping or splashing. Care should be taken so that objects containing liquids are not placed upon or spilled into the enclosure through openings and that no objects filled with liquids, such as a vase, shall be placed on the appliance.
7. **Ventilation** – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, or similar surface that may block any ventilation openings.
8. **Heat** – The appliance should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
9. **Power Sources** – The appliance should be connected to a power supply only of the type described in the Operating Instructions or as marked on the appliance and it shall remain readily operable. Mains plug is used as the disconnect device. To be completely disconnected from the power input, the mains plug of the appliance must be disconnected from the mains completely.
10. **Power-cord Protection** – Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles and the point where they exit from the appliance. The main plug should not be obstructed OR should be easily accessed during intended use.
11. **Attachments and Accessories** – Use only attachments/accessories specified by the manufacturer.
12. **Handling** – The appliance should be transported with the cart, stand, tripod, bracket, or table specified by manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/appliance combination to avoid injury from tip-over.
13. **Non-use Periods** – Unplug this appliance during lightning storms or when unused for long periods of time.
14. **Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:
 - a) The power supply cord or the plug has been damaged; or
 - b) Objects have fallen or liquid has been spilled into the appliance; or
 - c) The appliance has been exposed to rain; or
 - d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - e) The appliance has been dropped or the enclosure damaged.
15. **Servicing** – The user shall not attempt to service the appliance beyond that described in the Operating Instructions. All other servicing should be referred to qualified service personnel.


Controls and sockets

(DEU) Bedienungselemente und Anschlüsse (FRA) Commandes et prises (JPN) コントロールSW及び入出力端
(SPA) Controles y conexiones (CHI-S) 控制和接口



Controls and sockets

V-20W Subwoofer Rear Panel

1. LFE / Line in Smart Connect input
 2. Phase control
 3. Bass boost
 4. Level control
 5. Mains indicator light Power ON Power OFF
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Red / Green
6. Crossover frequency control
 7. 'ON/OFF' switch (Vacation switch)
 8. AC power input (230V Euro / 230V UK / 115V US)

Positioning

As the sub-bass (low frequency) sound produced by the subwoofer is non-directional it can be positioned almost anywhere in the room, although it should not be placed too close to the listener. For optimum performance try the subwoofer in different positions to find the best place for a boom-free sound.

Connection to V700

Refer to P.9.

Set the volume on the V-20W to the 7th dot.

Adjust the subwoofer volume with your TV remote.

Press the mute button 3 times quickly to enter subwoofer volume control mode.

LED indicator on V700 should show a slow pulse.

Connection to AV amplifier / receiver

Connect to the amplifier LFE subwoofer output.

All inputs work simultaneously.

Set the subwoofer frequency on the amplifier / receiver to 80Hz (refer to the amplifier / receiver manual).

Set the crossover on the V-20W to 140Hz.

Set the volume on the V-20W to the 7th dot.

Ensure that the satellites are set to the appropriate configuration in the amplifier / receiver menu (refer to the speaker manual).

Adjust the subwoofer volume on the AV amplifier / receiver to your desired level (refer to the amplifier / receiver manual).

Connection to stereo preamp / receiver

Connect to amplifier speaker or preamp or subwoofer output.

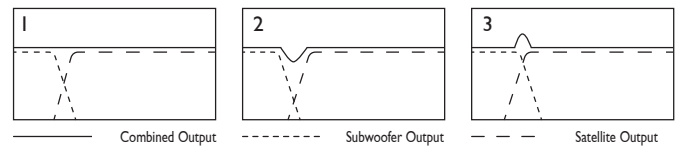
Set the crossover to 80Hz for large speakers or higher to match small speakers. Start with the volume set at the 7th dot. Adjust the volume to match output to your main speakers.

Manual controls

It is possible to manually adjust the set up of the V-20W instead of using the amplifier / receiver.

A. Crossover Frequency Control

The crossover frequency control changes the upper cut-off frequency of the subwoofer. Its effective range is from 40Hz to 140Hz at a rate of 24dB per octave. The frequency control should be adjusted to achieve the smoothest integration between the main/satellite speakers and the subwoofer. Clockwise rotation will increase the cut-off frequency and anti-clockwise rotation will decrease the cut-off frequency.



1. Ideal crossover - flat response.
2. Crossover point set too low - causes dip in combined response.
3. Crossover point set too high - causes hump in combined response.

B. Phase Control

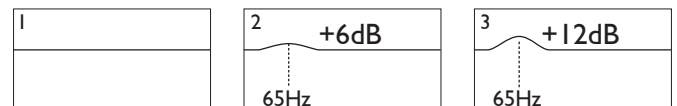
The phase control will normally be set at 0° but more output level can sometimes be achieved in the 180° position, particularly when the subwoofer is far away from the satellite speakers.

C. Volume Control


The volume control adjusts the output level of the subwoofer in relation to the satellite or AV speaker output level. Clockwise rotation to increase the output level or anti-clockwise to decrease the output level.

Bass Boost (EQ)

The bass boost control is intended to adjust the response of the subwoofer to compensate for room conditions and user preferences. Boost is switchable between 0, +6 and +12dB at around 65Hz.

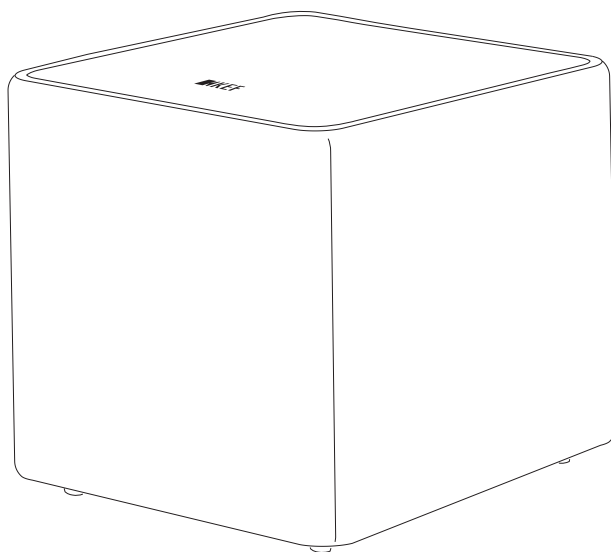


Trouble Shooting

FAULT	REMEDY
Mains indicator light does not come on.	<p>Check that the subwoofer is plugged into the mains supply and that any switches are on.</p> <p>Check any fuses (including the plug) or circuit breakers on the mains supply which may affect the power to the subwoofer.</p> <p>Ensure that all equipment is switched on.</p> <p>Contact your dealer for further advice.</p>
Mains indicator light is on but no sound comes from the subwoofer.	 <p>Check and adjust the level control.</p> <p>Check the output sockets on the source equipment are correctly switched and adjusted to provide sufficient level to drive the subwoofer.</p> <p>Check that all connections between the subwoofer and the source equipment are correct and adjust as necessary.</p>
If there is still no sound.	Contact your dealer for further advice.
Red light no sound.	Check volume levels of subwoofer and amplifier/receiver.
Green light no sound.	

Specifications

(DEU) Technische Daten (FRA) Spécifications (JPN) スペック (SPA) Especificaciones (CHI-S) 规格特性



Model	V-20W
Drive units	1 x 200mm (8in.) 1 x 200mm (8in.) ABR
Frequency range (-6dB)	38Hz - 150Hz
Max output SPL	111dB
Amplifier type	Class D
Amplifier power	200W
AC power input	100-240V - 50/60Hz
Input	RCA Phono sockets Wireless
Internal volume	15.4 litres
Finish	Black with gloss black upper surface
Dimensions (H x W x D)	295 x 295 x 295 mm (11.6 x 11.6 x 11.6 in)
Weight	9.6kg (21.2lbs)

Frequency Band	2.4 - 2.4835 GHz (ISM band)
Data Rate	Up to 1.2 Mbps
Transmission Protocol	AFHSS
Frequency Range	38Hz - 150Hz
Sensitivity	80 dB typical
Range	15m (49ft) typical maximum*
Finish	Gloss Black

* Environmental factors such as building materials and construction may adversely affect wireless signal range

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

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body and must not be co-located in conjunction with any other antenna or transmitter.