

DISCOVERING THE SOUND OF CLASS

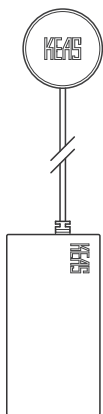
MOV1. User's Manual - English

KEAS

Starting **KEAS MOV1**

1

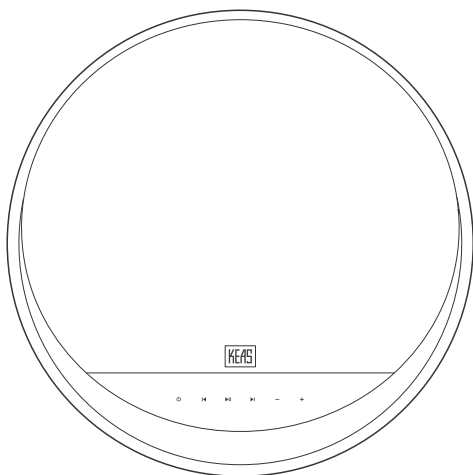
COMPONENTS



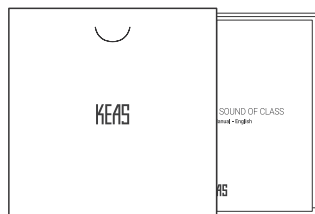
AC Adapter



Power Cord

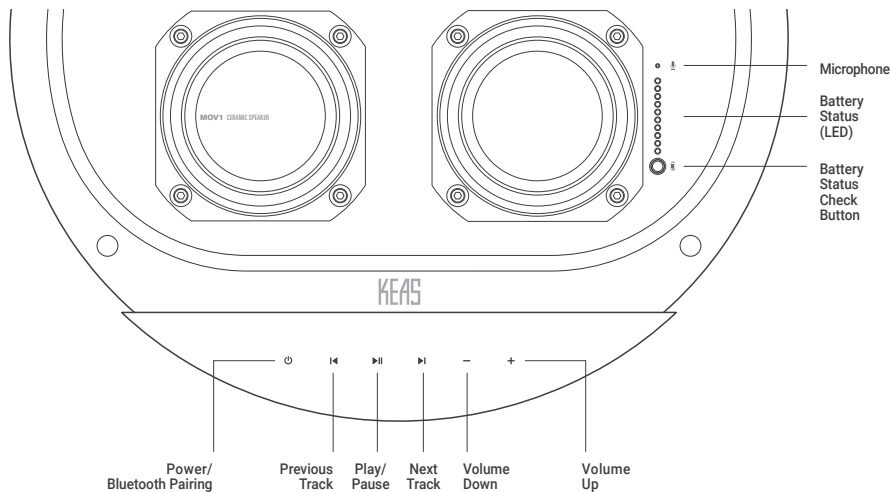


Main Body

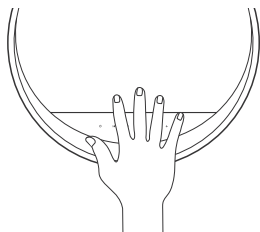


User's Manual

CONTROL BUTTON

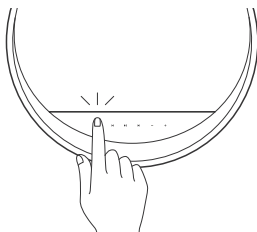


START



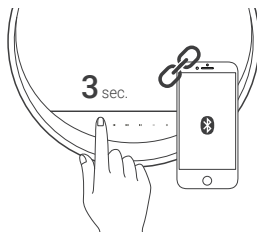
STEP.1 AWAKE SPEAKER

Move your hand over to the top of the sensor located in the middle of the display, to wake the power button.



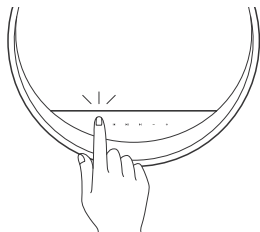
STEP.2 POWER ON

A quick tap on the power button will turn on the speaker and light up all the control buttons within 1 sec. The power button will blink slowly, indicating the speaker is not yet paired with the music source.



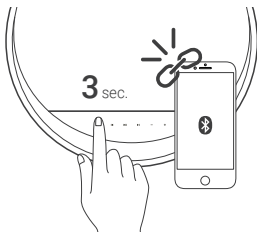
STEP.3 PAIR BLUETOOTH

Press and hold the power button for 3 seconds. You'll hear a tone and the fast blinking power button indicating it is now ready to be paired from your music source Bluetooth device. (See page 11 for detailed on auto connection.)



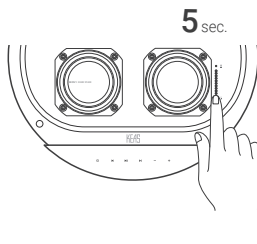
POWER OFF

Quick tap on the power button will turn the speaker off.



DISCONNECT BLUETOOTH

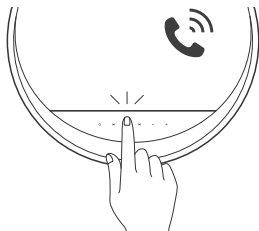
Press and hold the power button for 3 seconds until you hear a tone. (If you wish to re-connect, you may repeat the stage 3 instruction.)



SYSTEM RESET

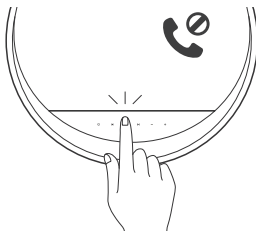
Turn on the speaker. Press and hold the battery check button for 5 seconds until the control buttons blink 3 times with the confirmation tone. Speaker is now set to factory default state.

MAKING A CALL



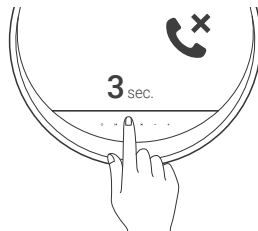
RECEIVE A CALL

While your mobile phone is paired with the speaker, you can receive an incoming call with a quick tap on the play button.



END CALL

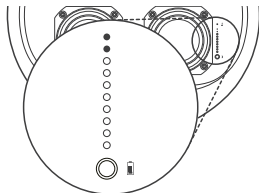
Tap on the play button to end the call.



REJECT CALL

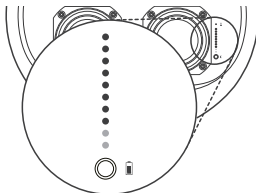
Press the play button for 2 seconds to reject a call.

BATTERY CAPACITY



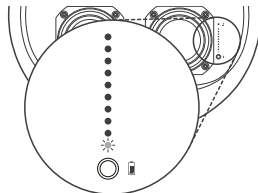
BATTERY CAPACITY (30~100%)

Each LED light indicates 10% battery life. White LED signals up to 100% to 30% remaining battery power.



BATTERY CAPACITY (20%)

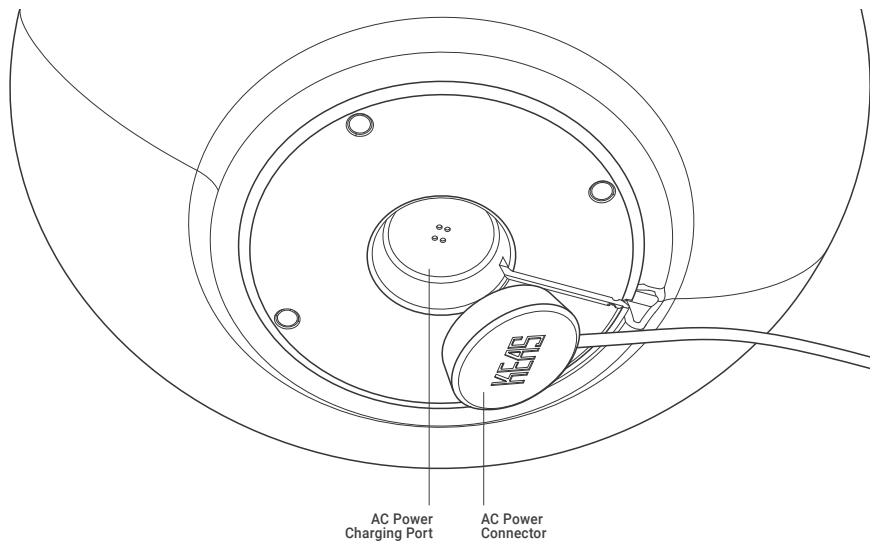
Last 2 remaining LED will turn red when the battery level reaches 20% indicating the battery is low.



BATTERY CAPACITY (10%)

When the battery level reaches 10%, the last remaining red LED will start to blink, with the warning tone every 15 sec.

AC ADAPTER



Other Important Information **KEAS MOV1**

2

DESCRIPTION

Thank you for purchasing KEAS Cordless Bluetooth Audio System. This device is a high-quality stereo audio system which supports Bluetooth 4.0aptX, providing you with great sound experience through the simple user interface. You can enjoy music wirelessly download from Bluetooth devices such as a smartphone, tablet, or Laptop PC, and other similar devices that employ Bluetooth 4.0aptX technology. This device is an electromagnetic wave compatible for the home use (B-level) and can be used in all regions.

SPECIFICATIONS

PRODUCT / MODEL NAME

Bluetooth Wireless Stereo
Audio System / KEAS MOV1

BATTERY

Li-Ion Battery 11.1V, 1.700mA
Play Time Over 8Hrs@ 75dB

VOLUME LEVEL

100dB
@0.5m / Max Volume

COLOR

- Black / White
- Cobalt Blue / White
- Orange / Grey
- Black / Red

DRIVER UNIT

4Ω / 30W / Full range
PLS-P830985
2 Units

SIZE

L x W x H
32.3 x 32.3 x 12.9 cm
12.7 x 12.7 x 5.07 inch

BLUETOOTH

Bluetooth 4.0/Class2/BDR/
EDR/A2DP/AVRCP/HSP/HFP

DESIGNER

Damian Kim
KEAS Inc. / VP, CDO

SYSTEM ENVIRONMENT

- 2-ch Stereo
- 2-Passive Radiator
- Peerless™ Drivers from Denmark

WEIGHT

3.8 kg (Speaker)
0.3 kg (Adapter)

USE FREQUENCY

2.402~2.480MHz

CERTIFIED COMPANY

KEAS Inc.

USE POWER

AC / DC Adapter
(INPUT AC100V~240V, 50~60Hz/
OUTPUT DC 19V, 2.1A)

RECOMMENED OPERATION

- Optimal Temp: 0~45°C
- MAX Temp: -10~50°C

OUTPUT

15W x 2at 10% THD

MANUFACTURER / COUNTRY

HAJEN Inc. / Korea

※ It is recommended that the speaker be use within the proper optimal temperature.

DESCRIPTION

Warranty by: KEAS Inc. provides 12 months warranty (hereinafter "Warranty"), that is in charge of manufacturing and sales with a head office in Korea. Except, a product with any defect on the outer part can be exchanged within three days after the purchase, but in case of the simple change of mind, it will not be possible to exchange if the box sticker is removed. A built-in battery will be applied with three month warranty.

Letter of Warranty: KEAS provides with the said warranty to the initial consumer who has purchased a new product through our official sales store. The said warranty cannot be transferred.

Applicable Device: A warranty is applied to the new KEAS speaker (hereinafter "Speaker") only when the letter of warranty is attached inside KEAS product package or the letter of warranty is provided during online sales or product installation process. It will be included in the range of warranty only through the product registration process.

Warranty Period: We provide with 12 month warranty from the initial purchase day to the purchaser who has used the said product according to the attached user's manual under the normal method and environment. The built-in battery will be applied with 6 month warranty.

Exceptions: The warranty will be limited or cannot be applied for the following cases. 1) Damage or wearing from general use. 2) Defects or damages from wrong use, accident (damage by impact, fire and foods or liquid), handling mistake, excessive use, modification, abnormal impact, deformation, improper or unapproved repair, installation, wiring or test, improper stacking, improper speaker or mixed use with software. 3) When the device is not used according to the user's manual. 4) When the device receives an impact by other device or equipment while the speaker is in use. 5) Commercial use or resale. 6) In case of used product or resale, KEAS will not extend a specific or implied warranty and its responsibility for software or an online service regarding speaker except specified on the warranty. According to such policy, KEAS will not take any other legal responsibility for any financial loss regarding device due to natural disaster, and income reduction, product substitute cost, assistance cost, unused portion during repair period, request from the third party, violation of warranty matters, action unrelated to contract, and illegal action. (includes negligence)

Warranty Policy: The compensation and sole responsibility of KEAS for customers that KEAS can give in this warranty are either to repair or exchange the defective device or to update the software to carry out the function with practical warranty.

Warranty Procedure: In order to receive the compensation such as repair/exchange/update in accordance with this warranty, the consumer should apply the letter of warranty before the expiration of warranty period. The product should be sent with a original receipt to the address informed by KEAS and the consumer will pay the delivery fee. It is regarded as the consumer agrees upon the transfer of ownership to KEAS at the same time when the device is sent. KEAS will not return the original device. KEAS will either provide with the warranty for the remaining warranty period for repaired or exchanged device, or provide with the additional warranty of 90 days after the receipt of repaired or exchanged device. KEAS will bear the delivery fee for repaired/exchanged product that is returned to the consumer only for the legal application by warranty. When it is a returned product to KEAS with invalid warranty, KEAS will dispose after 60 days of storage by its own discretion for the purpose of the period either the product is returned with sender's cost (prepaid) or the sender may receive the product directly.

Inquiries: When you have an inquiry, please contact with A/S Service Center below.

A/S SERVICE CENTER: · **ADDRESS:** KEAS Inc., 2F Shinyoung B/D, 612-2, Pangyo-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea · **TEL:** +82 31 707 7373 · **SITE:** www.keas.co.kr

COPYRIGHT AND REGISTERED TRADEMARK

KEAS Inc. possesses the copy right of the said product. Without permission from KEAS Inc., no one can copy, correct, transfer and save any content on the information search system, and its content cannot be corrected in computer language or any other language. In addition, we would like to inform that its content cannot be changed by any other form or electric, mechanical, magnetic, optic, chemical and artificial medium. KEAS's speaker is a legally protected design, which has been registered with the design registration No. 811796.

USE AND RESPONSIBILITY

KEAS Inc. has a right to change the product content listed in the said document without prior notice in order to improve the internal design, the operation performance or the reliability.

BEFORE YOU SEND FOR A/S REQUEST

When sending the KEAS speaker to A/S center, please included all the accessories that came with the speaker.
We strongly recommend to use the original package when you send the speaker back to KEAS for A/S.

SAFETY GUIDELINES Please read the safety instruction carefully and keep it.

Caution

- KEAS's speaker is an electronic product. Please do not use or submerge the device at a wet spot or in the water in order to prevent the speaker from danger like electric shock.
- Please do not leave the product nearby heating apparatus or heating equipment such as radiator or heater.
- Please be careful not to put heavy object on the power cable or careful for the cable not to be stuck in the plug, etc.
- It is safe to unplug the power cord under the weather with lightning. If the product has not been used for a long period, please unplug the power cord.
- If the power cable or plug is damaged, and any liquid is spilled on the product, and the product has been exposed to the rain for a long period or if the product suffers a severe damage from dropping, please inform an appointed A/S technician of this situation.
- Please use the product on the flat surface if possible. If the product has to be moved with cart, etc, please be careful not to get hurt from the falling product.
- As there is a little amount of leak magnetic in the said product, please do not let the object with magnetic record like credit card be close to the product. There is a risk of deletion in magnetic records.
- You should not cover the grill of product front, and please do not put object on the product.
- When the grill is removed, please never press or poke the unit with hands.
- Please do not put the metallic object between contact points.
- You should not pull, twist, and tie the wire, and please do not damage the wire with knife or sharp object.
- When AC power recharge port and AC power connector are not connected completely, it is impossible to recharge.

Ceramic Handling Caution

- Please be careful as it can be damaged by the strong impact and rapid temperature change, and there is a concern of injury at the time of damage.
- Please be careful when child or senior handles it.
- When the ceramic part needs washing, please wipe out with wet fabric without dripping water.

Additional Safety Instruction

- Please do not use unverified adaptor besides AC adapter provided with the product. Please plug the adaptor with a correct posture to the rated socket.
- Please do not put any object on the product like a small flower pot from which liquids like water drop may fall.
- Please do not leave the product under the condition without enough air flow such as inside of the blanket, between bookshelves or inside of the cabinet.
- Please do not put lighted candle or cigarette on the product.
- Please be careful not to let the heavy object fall on the product
- Please do not disassemble the product arbitrarily.
- You should separate AC adapter in order to remove the power completely from the product.
- Please use the product under the environment of moderate temperature. If the use temperature is too high or too low, the performance of product may decline.

Built-in Battery Related Information

The said product is provided with a built-in rechargeable battery. If the battery is left for a long period of time in an environment of above 50°C degree such as inside airtight vehicle or trunk in summer, it may cause the problem in the performance of battery and also there is a risk of fire in severe case. Therefore, please carry the said product when you leave the vehicle.

1. Specification of built-in battery: 11.1V, 1,700mAh
2. Recharging Hour: about 3 hours and 30 minutes/it is a required hour to complete charging in a condition of complete discharge; and it is a required hour to recharge with AC adapter provided with the product. This hour can differ to the surrounding temperature at recharging, and the recharging hour may prolong at recharging with replaying at the same time.
3. Battery playing hour: about 8 hours/it is a continuous playing hour after the complete recharging, and its volume is 75dB standard.

※ The life of battery will be reduced gradually while repeating recharging and discharging.

Environmental Protection

If it is necessary to dispose the said product, it should be done through the proper disposal company appointed by the law, and it should be strictly separated from the household waste.

About Bluetooth

Some Bluetooth devices can start music automatically as soon as the device is connected. "Bluetooth device" means every smartphone, tablet or Laptop PC that has at least the same function as below.

- a) The product should be mounted with Bluetooth wireless technique, Bluetooth ver.4.0 AptX
- b) It should have a function to play music file such as MP3.
- c) In some old version of notebook and computer with Bluetooth function, the sound may neither be played nor be recognized through Bluetooth speaker even after it recognizes the speaker according to the driver module software of built-in Bluetooth or the hardware version. Except, when the sound does not come out after it is recognized in the computer through play devices like speaker or headphone, etc, please check if the selection of play device in the [SOUND] item on control panel has been set as [Basic Communication Device]. If the device cannot play even its setting has been completed, please inquire the manufacturer of notebook or computer.

Q&A

Q. Cannot turn on the power.

A. The built-in battery of the product should be fully charged. After recharging the battery, please try again. Or please check if there is any damage on the plug of power cable, the connector of adapter, and the recharging port of main body.

Q. Cannot recharge.

A. Please check if there is any damage on the plug of power cable. Please check if the connector of adapter and the recharging port of main body have been normally connected.

Q. Cannot hear the sound or very low volume.

A. Please check if Bluetooth device has been well connected and started normally. Also, please check if the volumes of Bluetooth device and product have been set to the proper level.

Q. Cannot reconnect the device automatically once it has been connected.

A. Please register and connect from the beginning after deleting the information on the list registered in the device. It is because in some cases, the access information of Bluetooth device may be deleted.

Q. Wonder in what case the automatic connection does not work.

A. Once the device has been paired, it will find the last paired host (smartphone) device to the surrounding and progress the pairing automatically when the speaker is maneuvering. Except, if the pairing stops not because of the cut off by the power switch of speaker, but it was because of Bluetooth function OFF of host (smartphone) or power OFF, the automatic pairing will not be done. At this time you may repeat the process of 'Stage 3, Bluetooth Connection' in the guide manual.



This wireless equipment has a possibility of mixing electric waves and cannot provide the services on life and safety.

United States of America

Certification Information and Warnings

FCC ID: xxxxxxxx 인종 완료 시 추가되는 항목

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. (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



WARNING: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

Product Name: Bluetooth Wireless Stereo Audio System

Model: KEAS MOV1

Certified Company: KEAS Inc.

Manufacturer / Country: KEAS Inc. / KOREA



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK). NO USER-SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. SEE MARKING ON BOTTOM / BACK OF PRODUCT



THE LIGHTENING FLASH WITH ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.



THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



WARNING: This product contains magnets which can be harmful to pacemaker wearers.

This device complies with FCC radiation exposure limits for an uncontrolled environment. Avoid operating this device at a distance less than 20cm from the user

Correct Disposal of This Product.

(Waste Electrical & Electronic Equipment) (Applicable in countries with separate collection systems)



This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Company informations

· KEAS Inc.

2F Shinyoung B/D, 612-2, Pangyo-dong, Bundang-gu, Seongnam-si,
Gyeonggi-do, Korea / www.keas.co.kr

· A/S Service Center

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· Tel: +82 31 707 7373

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