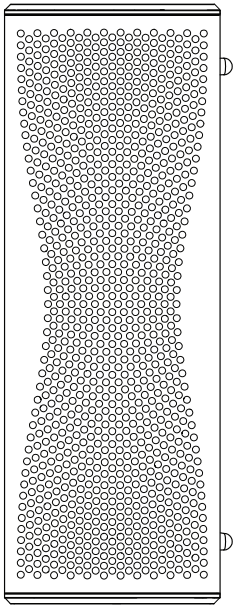
User Manual

Muo

Portable Bluetooth Speaker

Design by Ross Lovegrove



KEF

2025 V03

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1. Introduction

Thank you for choosing KEF portable Bluetooth speaker – Muo.

Innovation is what sets KEF apart from its competitors. For over 60 years KEF has been at the forefront of loudspeaker research and development, designing class-leading speakers that have dealt with the challenges of reproducing the latest musical formats, and reproducing them to the highest possible quality.

This legacy continues today with Muo, a portable speaker that combines cutting-edge Hi-Fi performance with timeless design. Delivering pristine, detailed sound for both casual listening and serious audiophile experiences, Muo is as much an art piece as it is an acoustic masterpiece — a seamless fusion of innovation, beauty, and everyday functionality.

Please read and follow this user manual carefully before using the speaker.

2. General Information

2.1 Reading and Storing the User Manual

This user manual accompanies the Muo portable Bluetooth speaker (hereafter referred to as "Muo"), and contains important information on setup and handling.

Before using your Muo, read this user manual and the safety information (as a separate booklet) carefully. This particularly applies to the safety information. Failure to do so may result in personal injury or damage to Muo.

Retain the user manual and safety information for further use. Make sure to include the user manual and safety information when passing Muo on to third parties.

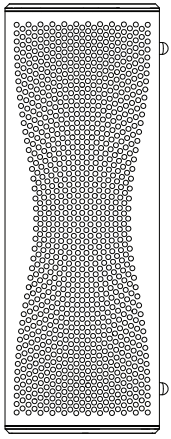
2.2 Signal Symbol/Word Definitions

The following symbols and signal words are used in this user manual.

⚠ WARNING!	This signal symbol/word designates a hazard with moderate risk, which may result in death or severe injury if not avoided.
NOTICE!	This signal word warns of possible damage to property.
ⓘ	This symbol provides you with useful additional information on handling and use.

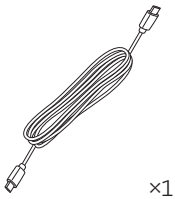
3. In the Box and Unpacking

Check whether Muo or any parts are damaged or missed. If this is the case, do not use the product and contact your retailer.



×1

Muo



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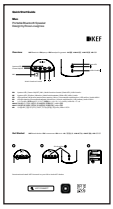
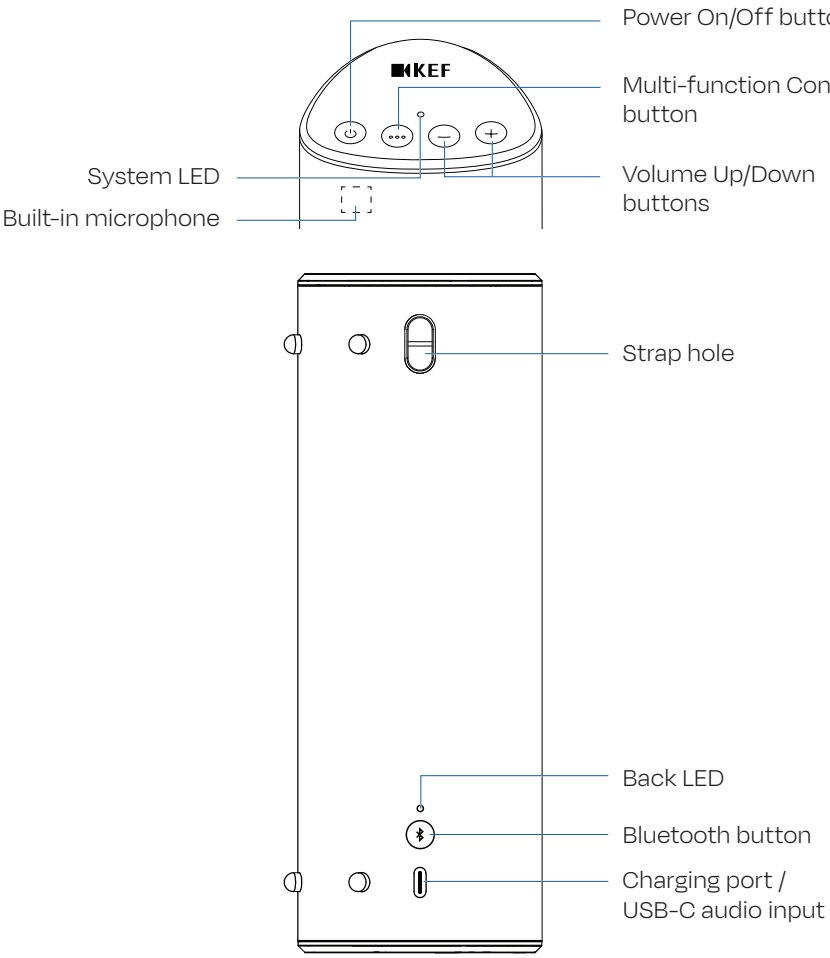
USB-C cable



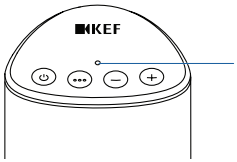
Printed materials

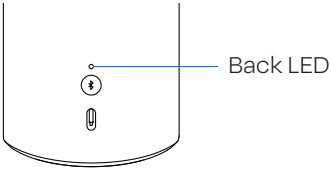
4. Product Overview

4.1 Controls



4.2 LED Indications





System LED	Back LED
Solid blue	Solid blue
Status: Muo is in Bluetooth mode and already connected to a Bluetooth device.	
Blinking blue	Blinking blue
Status: Muo is in Bluetooth mode and ready to pair with a Bluetooth device / Muo is muted in Bluetooth mode.	
Solid pink	Solid pink
Status: Muo is in USB-C mode.	
Blinking pink	Solid pink
Status: Muo is muted in USB-C mode.	
Blinking purple/ yellow	Blinking purple/yellow
Status: TWS pairing is in progress.	
Solid blue (TWS mode*)	Solid purple (TWS mode*)
Status: Muo is in Bluetooth mode and already connected to a Bluetooth device.	**Status:** Primary speaker (default: RIGHT audio channel)
Solid pink (TWS mode*)	Solid purple (TWS mode*)
Status: Muo is in USB-C mode.	**Status:** Primary speaker (default: RIGHT audio channel)
Solid blue (TWS mode*)	Solid yellow (TWS mode*)
Status: Muo is in Bluetooth mode and already connected to a Bluetooth device.	**Status:** Secondary speaker (default: LEFT audio channel)

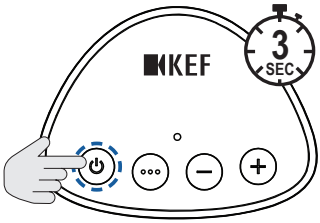
System LED	Back LED
Solid pink (TWS mode*) **Status:** Muo is in USB-C mode.	Solid yellow (TWS mode*) **Status:** Secondary speaker (default: LEFT audio channel)
Fast blinking red **Status:** Low battery	–
–	Blinking white **Status:** Muo is charging.

*True Wireless Stereo (TWS) mode

4.3 Functional Overview

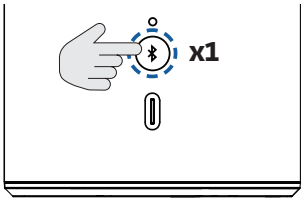
4.3.1 Powering On or Off

- Press and hold the Power On/Off button for 3 seconds.



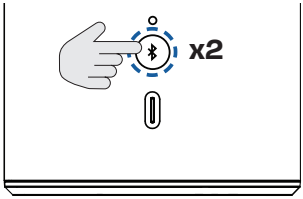
4.3.2 Initiating Bluetooth Pairing

- Press the Bluetooth button once.



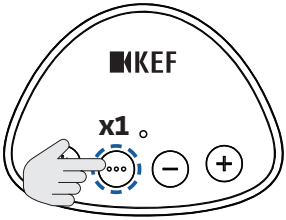
4.3.3 Switching between Bluetooth Mode and USB-C Mode

- Press the Bluetooth button twice.



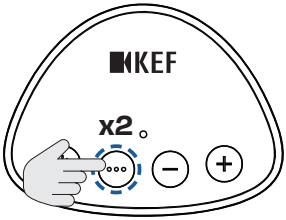
4.3.4 Starting or Pausing Playback / Picking Up a Call

- Press the Multi-function Control button once.



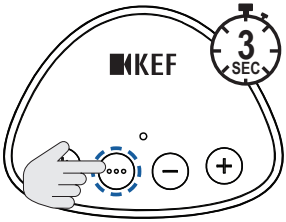
4.3.5 Skipping to Next Track / Rejecting a Call

- Press the Multi-function Control button twice.



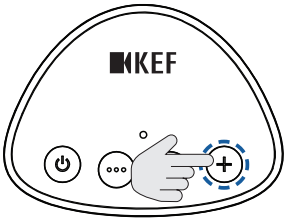
4.3.6 Initiating Voice Assistant / Ending a Call

- Press and hold the Multi-function Control button for 3 seconds.



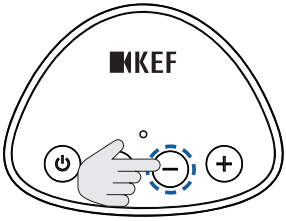
4.3.7 Increasing the Volume

- Press the Volume Up button.



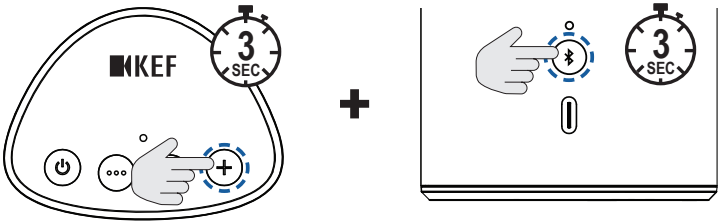
4.3.8 Decreasing the Volume

- Press the Volume Down button.



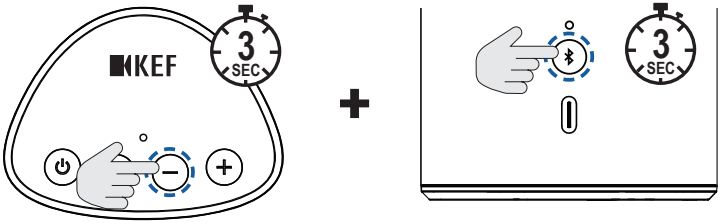
4.3.9 Initiating True Wireless Stereo (TWS) Pairing

- On both Muo speakers, press and hold the Volume Up button and Bluetooth button at the same time for 3 seconds.



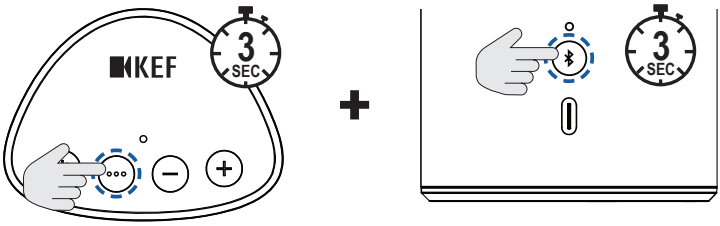
4.3.10 Clearing the Bluetooth Pairing Memory

- Press and hold the Volume Down button and Bluetooth button at the same time for 3 seconds.



4.3.11 Resetting to Factory Defaults

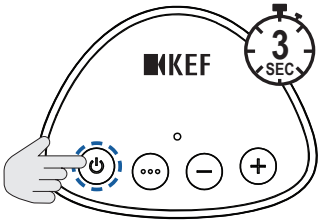
- Press and hold the Multi-function Control button and Bluetooth button at the same time for 3 seconds.



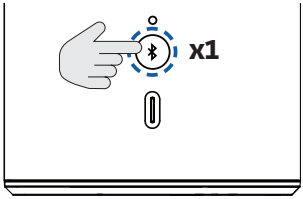
5. Getting Started

5.1 Initiating Bluetooth Pairing

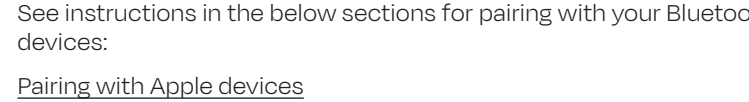
1. Press and hold the Power On/Off button for 3 seconds to switch on Muo.



2. Press the Bluetooth button once to initiate Bluetooth pairing.



- Muo is ready for pairing when the System LED and Back LED are blinking blue.



See instructions in the below sections for pairing with your Bluetooth devices:

Pairing with Apple devices

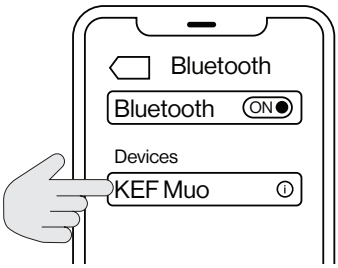
Pairing with Android devices

Pairing with Microsoft devices

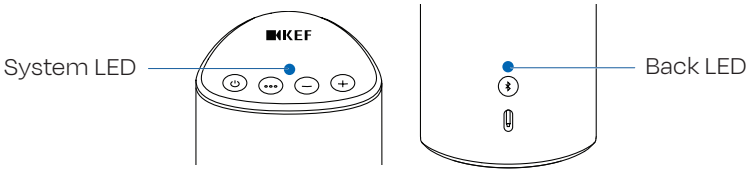
6. Pairing with Bluetooth Devices

6.1 Pairing with Apple Devices

1. Make sure Muo is ready for pairing (see Getting Started).
2. On your device, go to settings, turn on the Bluetooth feature and select "KEF Muo" from the list of available devices to pair.

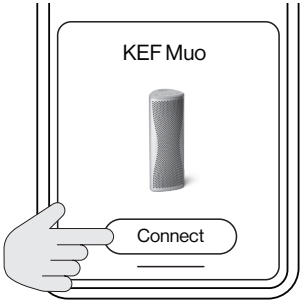


- When Bluetooth pairing is done, the System LED and Back LED stay lit in blue.

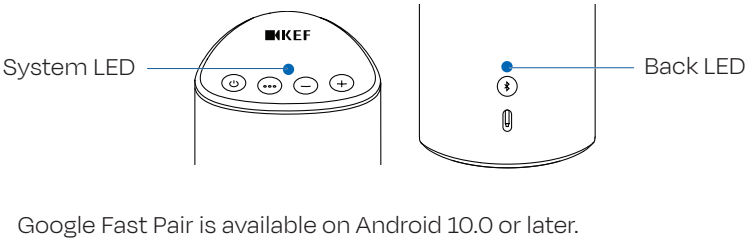


6.2 Pairing with Android Devices

1. Make sure Muo is ready for pairing (see Getting Started).
2. With the Google Fast Pair feature on your Android device, you are prompted to confirm pairing with Muo when your device is placed near Muo. Tap "Connect" to pair.



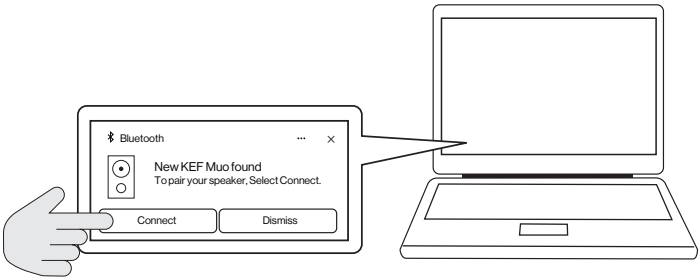
- When Bluetooth pairing is done, the System LED and Back LED stay lit in blue.



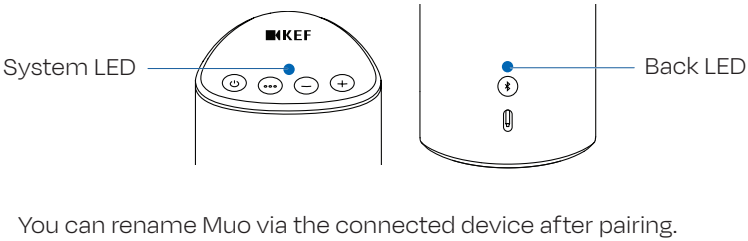
Google Fast Pair is available on Android 10.0 or later.

6.3 Pairing with Microsoft Devices

1. Make sure Muo is ready for pairing (see Getting Started).
2. With the Microsoft Swift Pair feature on your Microsoft device (e.g. laptop computer), you are prompted to confirm pairing with Muo when your device is placed near Muo. Tap "Connect" to pair.



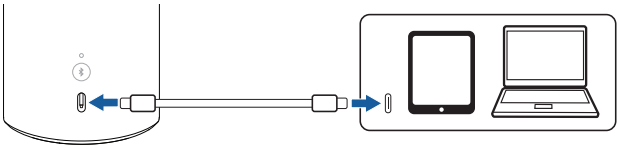
- When Bluetooth pairing is done, the System LED and Back LED stay lit in blue.



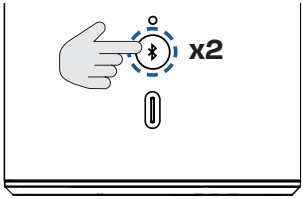
You can rename Muo via the connected device after pairing.

7. Connecting Devices via USB-C Input

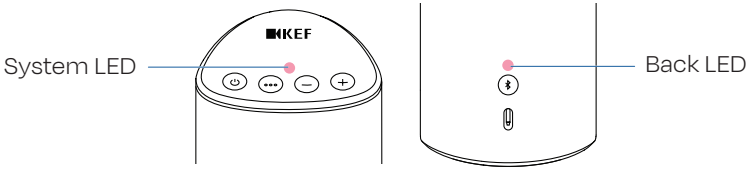
1. Connect the USB-C ports of Muo and your device (e.g. tablet, laptop, computer) via the USB-C cable.



2. Press the Bluetooth button twice to switch to USB-C mode.



- In USB-C mode, the System LED and Back LED stay lit in pink.



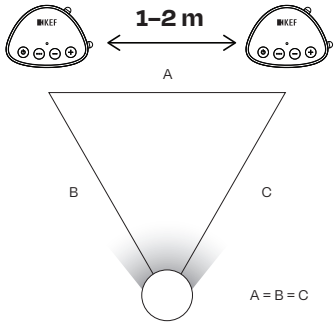
To switch between USB-C mode and Bluetooth mode, press the Bluetooth button twice.

8. True Wireless Stereo (TWS) Mode

True Wireless Stereo (TWS) mode lets you pair two Muo speakers together, assigning one as the LEFT audio channel and the other as the RIGHT audio channel, creating a wider, more immersive stereo sound experience.

8.1 Positioning Muo Speakers

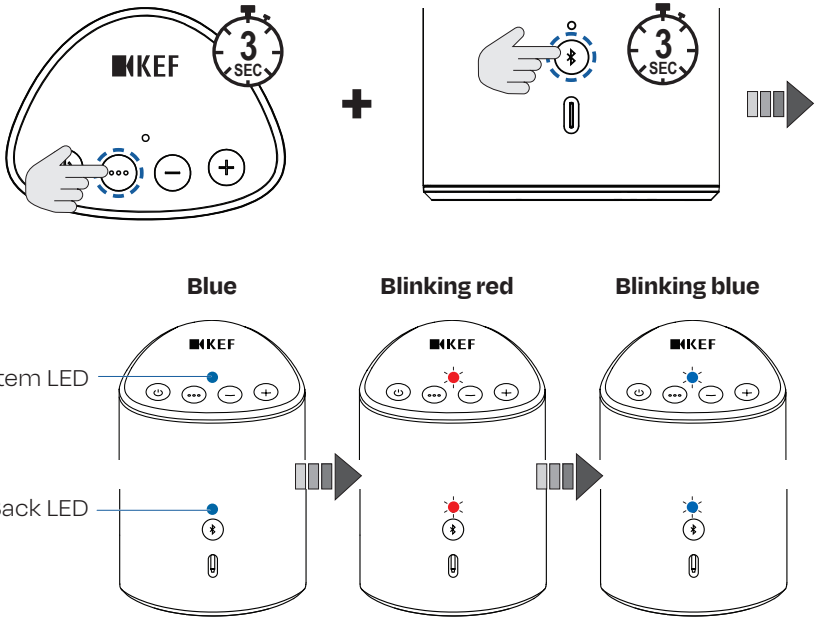
- The Muo speakers should be placed on a flat and level surface that is free from vibration.
- The optimum distance between the Muo speakers is about 1–2 metres. Try to keep the same distance to the listener to form an equilateral triangle.



The figure above shows the recommended placement for the optimal listening experience. Muo will still sound great even if real-world placement deviates slightly from this.

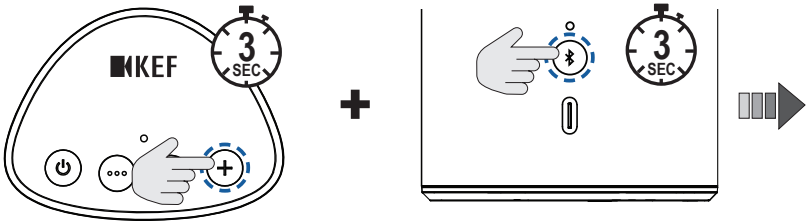
8.2 TWS Pairing for Muo Speakers

1. On one of the Muo speakers, press and hold the Multi-function Control button and Bluetooth button at the same time for 3 seconds until both System LED and Back LED blink red and then change to blinking blue. This clears the Bluetooth pairing memory and resets the EQ settings to defaults.

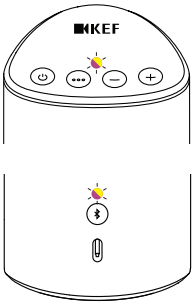


2. Repeat step 1 for the other Muo speaker.

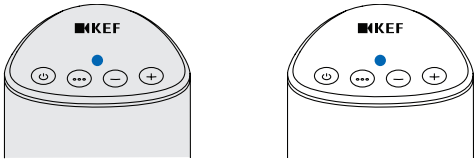
3. On one of the Muo speakers, press and hold the Volume Up button and Bluetooth button at the same time for 3 seconds until both System LED and Back LED blink purple and yellow alternately. The Muo speaker is now ready for TWS pairing.



Blinking purple/yellow



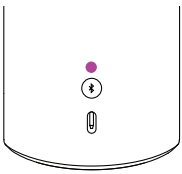
4. Repeat step 3 for the other Muo speaker.
5. Wait until the System LEDs on both Muo speakers stay lit in blue. TWS pairing is now complete.



Take note of the colours of the Back LEDs on both Muo speakers.

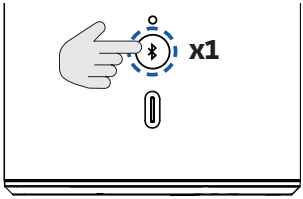
Yellow: Secondary Speaker
(default: LEFT audio channel)

Purple: Primary Speaker
(default: RIGHT audio channel)

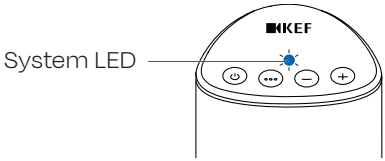


8.3 Pairing your Device with TWS Muo Speakers

1. On the Primary Speaker (purple Back LED), press the Bluetooth button once to initiate Bluetooth pairing.



- Muo is ready for pairing when the System LED is blinking blue.



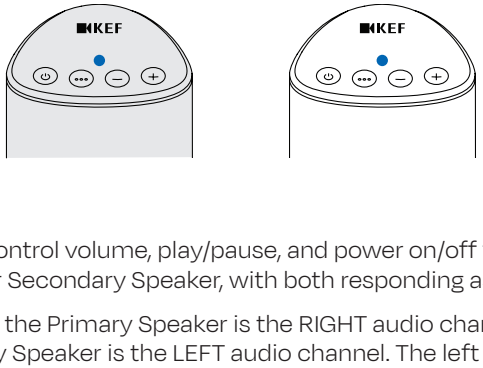
2. See instructions in the below sections for pairing with your Bluetooth devices:

   Pairing with Apple devices

   Pairing with Android devices

   Pairing with Microsoft devices

- When Bluetooth pairing is done, the System LEDs on both Muo speakers stay lit in blue.



- You can control volume, play/pause, and power on/off from either the Primary or Secondary Speaker, with both responding as a group.
- By default the Primary Speaker is the RIGHT audio channel and the Secondary Speaker is the LEFT audio channel. The left and right channels can be swapped via the KEF Connect App (this feature will be available in late 2025 through a speaker firmware update).

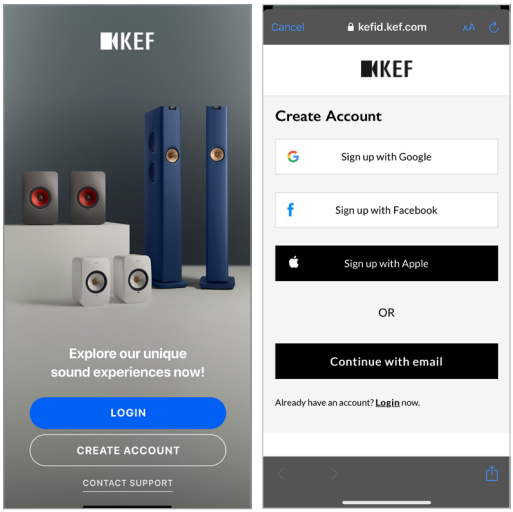
9. Using KEF Connect App

9.1 Installing KEF Connect App

For the best control and performace of Muo, install the KEF Connect App on your mobile device.

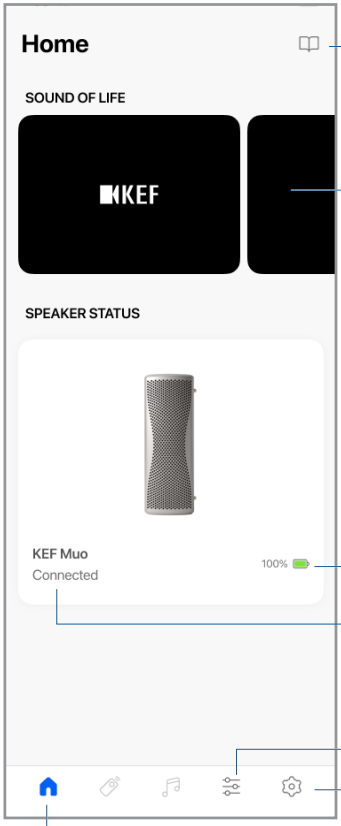
1. Search “KEF Connect” in the App Store or Google Play Store to download and install the KEF Connect App on your iOS* or Android** device.

2. Launch the KEF Connect App on your device and create a user account. You may log in with your existing Facebook, Google or Apple account, or create a new KEF account with your email address.



*Requires iOS 14 or above. Refer to App Store for the latest requirements (subject to change).
**Requires Android 10 or above. Refer to Google Play for the latest requirements (subject to change).

9.2 Home



Latest news and stories from KEF

Battery level

Connection status

EQ settings

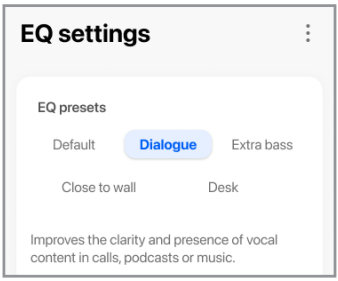
Speaker settings

Home

9.3 Equalisations

Muo comes with 5 equaliser presets that let you fine-tune the sound for different listening environments.

1. In the KEF Connect App, tap the EQ settings icon ( ) at the bottom of the Home screen.
2. Tap the desired presets to toggle them on or off. Presets can be combined for more tailored performance.



9.3.1 EQ Presets

Default

Balanced tuning for most use cases. Optimised for vertical placement on a surface or floor, with consistent sound in all directions.

Dialogue

Enhances vocal clarity and speech intelligibility, making it ideal for meetings and nighttime use. This mode automatically activates during calls, but can also be easily toggled on for regular listening, ensuring optimal sound quality in various environments.

Extra Bass

Adds 3 dB in the mid-bass range, enhancing kick drums and bass guitars. Great for larger rooms or outdoor use.

Close to Wall

Reduces bass output by 3 dB to offset the natural bass reinforcement that occurs when Muo is placed within 40 cm of a wall or boundary.

Desk

Provides a more neutral, natural sound balance — ideal for stereo listening with a pair of Muo speakers placed on a desk at ear level.

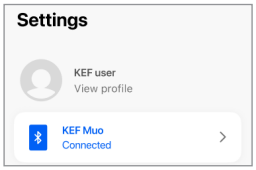
Horizontal Mode (Automatic)

When Muo is placed horizontally, an internal orientation sensor automatically adjusts the sound profile for optimal performance.

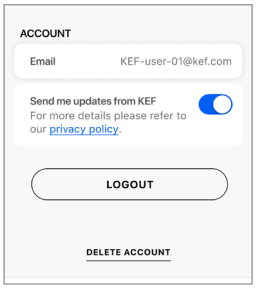
9.5 Account Profile

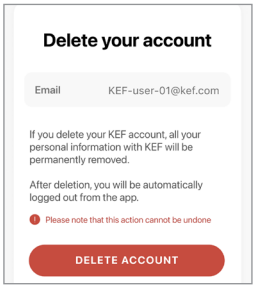
This menu allows you to view your personal details (account name and profile picture) of your registered user account, or delete your account.

1. In the KEF Connect App, tap the Setting icon (⚙) at the bottom of the Home screen.
2. Tap "View profile".



3. To delete your account, tap "Delete Account" at the bottom of the screen and follow the instructions. The process may take up to 10 business days, and you will receive a confirmation email once it is completed.

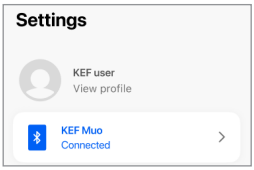




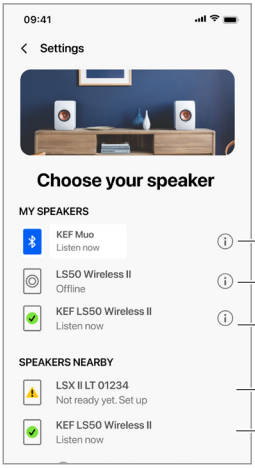
9.6 Choosing Your Speaker

This menu allows the KEF Connect App to switch to another pair of speakers for control and streaming. All speakers must first be set up through the same KEF Connect App before they are available for selection.

1. In the KEF Connect App, tap the Setting icon (⚙) at the bottom of the Home screen.
2. Tap the name of the connected speakers.



3. Select another pair of speakers for control and streaming.

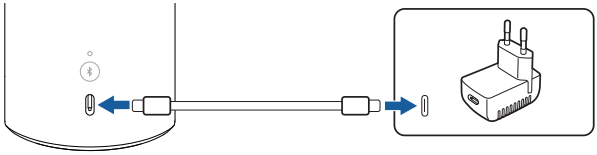


- Current speakers
- Speakers on the same network but turned off
- Speakers on the same network and ready for switching
- Not set up yet with KEF Connect App
- Already set up with KEF Connect App on another mobile device

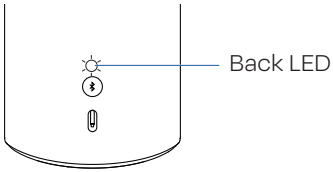
- The speakers under "Speakers Nearby" are on the same network but not ready yet to be controlled through the KEF Connect App on your mobile device.
- **App control in True Wireless Stereo (TWS) mode:** In TWS mode, app functionalities are limited. Users can control play/pause, mute/unmute, power on/off, and adjust EQ (available via a firmware update in late 2025) for both speakers. All other features, including Over-the-Air (OTA) updates, apply only to the Primary Speaker.

10. Charging

1. Connect the USB-C ports of Muo and your power source (e.g. wall power adapter) via the provided USB-C cable.

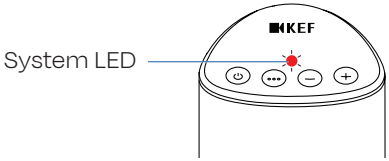


- Charging starts automatically. The Back LED blinks white during charging.



2. The Back LED goes off once charging is done. Unplug the USB-C cable from the USB-C ports.

- Charging is necessary when the System LED blinks red, indicating the battery level is low.



- Any USB power adapter that can consistently provide 5 V at 2 A will work with Muo. For faster charging, use a power adapter that provides either 20 V / 1.5 A or 15 V / 2 A.

11. Cleaning and Maintenance

⚠ WARNING!

Risk of electric shock!

Improper cleaning of Muo may result in injury.

- Always unplug the USB cable from the charging port before cleaning.

NOTICE!

Risk of damage!

Improper handling of Muo may result in damage.

- For best results, clean gently and avoid using solvents, alcohol, harsh cleaners, stiff brushes, or sharp tools such as knives and scrapers, as these may damage the surface.
- Clean the surfaces of Muo with a clean lint-free cloth. If necessary, use an alcohol-free cleaner (e.g. screen cleaner, eyeglass lens cleaner) to remove stubborn stains.

12. Disposal

12.1 Disposing of the Packaging

Sort the packaging before you dispose of it. Dispose of paperboard, cardboard and wrappings in accordance with your local guidelines.

12.2 Disposing of the Speakers

Old appliances may not be disposed of in the household waste!

Muo is an electronic product and may not be able to be disposed of as household waste. Please dispose of it in accordance with the regulations in force in your city or county. This ensures that old appliances are recycled in a professional manner and reduces negative consequences.

12.3 Disposing of the Battery

Batteries and rechargeable batteries may not be disposed of with household waste!

As the end user you are required by law to bring all batteries and rechargeable batteries, regardless whether they contain harmful substances* or not, to a collection point run by the city, county, or state, or to a retailer, so that they can be disposed of in an environmentally friendly manner.

*labeled with: Cd = cadmium, Hg = mercury, Pb = lead

The rechargeable battery must be removed for separate disposal.

13. FAQ and Troubleshooting

1. What type of power adaptor should I use for charging?

- Minimum for standard charging: **10 W (5 V / 2 A)**

  Any USB power adapter that can consistently provide 5 V at 2 A will work.

- Maximum supported for faster charging: **30 W total**

  This can be supplied by adapters that provide either: 20 V / 1.5 A or 15 V / 2 A

2. What is the maximum room size that Muo can effectively cover?

- Typical coverage: Up to 30 m^2 (about 320 ft^2) for everyday listening with clear sound and solid bass.
- Factors that affect coverage:
  - Reflective surfaces (glass, tiles, bare walls): can make the sound louder and more spacious.
  - Absorptive surfaces (carpet, curtains, soft furniture): reduce reflections, so sound feels softer and less far-reaching.
  - Open layouts: music disperses into adjoining spaces, which can make coverage feel less full.

3. How to reset Muo to factory defaults?

- To reset Muo to factory defaults:
  1. Power on Muo.
  2. Press and hold both the Multi-function Control button and Bluetooth button at the same time until both System LED and Back LED blink red and then change to blinking blue.
- All previously paired devices will now be cleared. After resetting, you will need to re-pair your devices as if setting up Muo for the first time.

4. Can I submerge Muo in water?

- Muo has IP67 rating, which means it is dust-tight (no ingress of dust) and water-resistant, being able to handle immersion in up to 1 meter of water for less than 30 minutes.

  However, Muo is not designed for continuous underwater use and should be kept away from high-pressure water streams (e.g., swimming, diving, or prolonged submersion).

- If liquid enters the speaker cavity after exposure to water, you may notice distorted or muffled sound. This is temporary. Allow Muo to air dry completely and the sound quality will return to normal.

5. What is the maximum distance between two Muo speakers for True Wireless Stereo (TWS) pairing?

- The maximum Bluetooth range for Muo is approximately 60 metres, while True Wireless Stereo (TWS) pairing works up to around 40 metres. Actual performance may vary depending on your source device, nearby interference, and physical obstacles such as walls or other devices operating on the 2.4 GHz band.

6. How long is the default standby time?

- The default automatic standby time is 20 minutes. This setting can be customised in the KEF Connect App (available in late 2025 through firmware update).

7. How do I know when Muo is fully charged?

- The Back LED stops blinking and goes off once fully charged.

8. Does Muo support voice assistant integration?

- Muo can work with voice assistants on your connected device, such as Siri or Google Assistant.

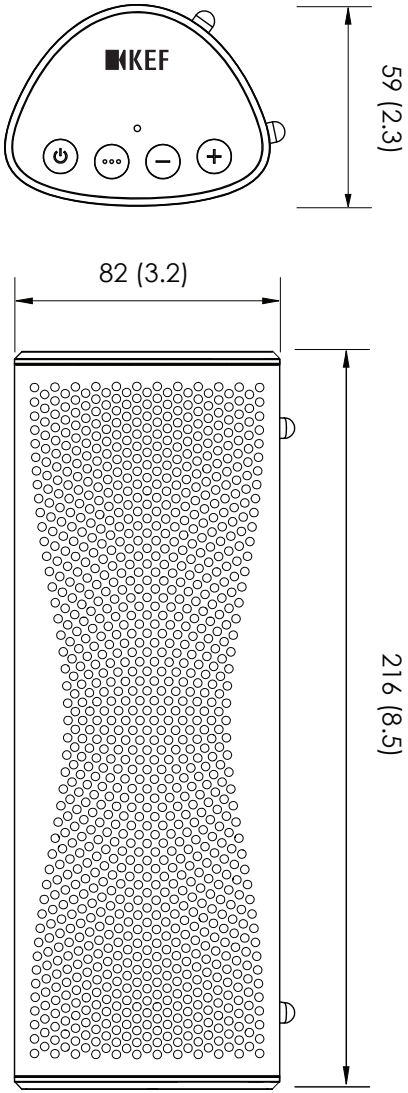
9. Why the Primary and Secondary Speakers swapped automatically in TWS mode?

- This may be due to a different connection sequence. Refer to TWS Pairing for Muo Speakers to repeat the pairing process.

10. Where is the microphone located?

- Muo features a built-in microphone located beneath the aluminum extrusion. For more details, see Product Overview.
- Muo is ideal for personal calls, with the clearest speech when you are within about 1 metre of the microphone.

14. Product Dimensions



Unit: mm (inch)

15. Specificationsw

Model	Muo
Dimensions (H × W × D)	216 × 82 × 59 mm (8.5 x 3.2 x 2.3 in.)
Weight	740 g (1.6 lbs)
Drive units	HF: 20 mm (0.75 in.) MF/LF: 58 x 117 mm (2.5 x 5 in.) supported by P-Flex
Amplifiers	HF: 1 x 10 W Class D MF/LF: 1 x 30 W Class D
Max SPL (measured at 1 m)	90 ± 3 dB
Frequency response (± 3dB) (measured at 85 dB/1 m)	43Hz - 20kHz
Dust and Waterproof Rating	IP67
Operation Temperature	-20 °C to 45 °C
Bluetooth Version	Bluetooth 5.4
App	KEF Connect
Bluetooth Codecs	aptX Adaptive, SBC, AAC
Wired connectivity	USB-C (Charging and Playback)
Speakerphone	Support noise and echo cancellation
Fast Pairing	Google Fast Pair Microsoft Swift Pair
Supported resolution	aptX Adaptive up to 48 kHz/24 bit USB-C up to 48 kHz/24 bit *Depends on support of the source device
Stereo pairing	True Wireless Stereo (TWS)
Multiple speakers pairing	Supported by Auracast™ *Compatibility depends on source device
Battery Playtime	Up to 24 Hours *Moderate volume level
Charging Time	Fully charged in 2 hours *Based on 20 V 1.5 A charger
Fast Charging	3 Hours Playtime in 15 mins *Moderate volume level

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

16. Appendix

16.1 Logos and Trademarks

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KEF reserves the right, in line with continuous research and development, to amend or change specifications without prior notice. E. & O.E.

16.2 Explanation of symbols

16.2.1 Warning/Safety 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.
	The product is dust-tight (no ingress of dust) and water-resistant, being able to handle immersion in up to 1 meter of water for less than 30 minutes.
	Only use a USB PD charger within the indicated wattage range; regular chargers may not work properly or could be unsafe.
	The item bearing this mark is made of paper-based material (like cardboard or paperboard) and can be recycled according to local paper recycling guidelines.
	Instructions for handling product in packaging: Handle with care to avoid breakage; protect from moisture or rain; package should be stored or transported in the specified orientation.

16.2.2 Regional Symbols

Europe and North America

	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 dispose of your used device, please use the proper collection system or contact the retailer where the product was purchased, they may be able to take the product for environmentally safe recycling.
	Products marked with this symbol meet all applicable Community regulations for the European Economic Area.

	Products bearing the cTUVus Certification Mark reflect supplier commitment and confidence and have been independently confirmed to meet the minimum requirements of US and Canadian electrical safety standards.
	This FCC mark certifies that the electromagnetic interference from the device is under the limits approved by the Federal Communications Commission in the US.
	The UK Conformity Assessed marking is a conformity mark that indicates conformity with the applicable requirements for products sold within Great Britain (England, Wales and Scotland).
	The product has been tested and certified for its energy efficiency.
	Dispose of the product by following the illustrated sorting information for better waste treatment. The Triman logo is valid in France only.

Asia-Pacific

	The Regulatory Compliance Mark (Australia, New Zealand) indicates that the product complies with the relevant guidelines of the ACMA as well as corresponding government requirements for the safety of electrical devices.
	These marks indicate compliance with technical and design requirements for telecommunication terminal equipment in Japan.
	The Korean Certification mark indicates that the product complies with Korea's product safety requirements for electrical and electronic equipment.
	The China Quality Certification mark indicates the conformity of the product with the Chinese standards (Guobiao standards) regarding safety, quality, environmental and energy efficiencies.
	RoHS (China): This product contains certain hazardous substances and can be used safely during its environmental friendly use period (10 years). The product should enter into the recycling system after its environmental friendly use period.
	RoHS (Taiwan): This symbol means that the product does not exceed the specified concentration limits for specific hazardous substances.

	The product obtained the certification from the Taiwan National Communications Commission (NCC) for low-power radio frequency appliances.
MCMC	This MCMC certification mark indicates that a communications device is certified for compliance to standards according to the Communications and Multimedia (Technical Standards) Regulations 2000 in Malaysia.
مطـــابق COMPLIANT	Products bearing this mark is a proof that the product has been approved by the United Arab Emirates (UAE) Federal Government through Emirates Authority for Standardization and Metrology (ESMA).

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