

singcore

S1

Product Name: Karaoke Machine

Model No.: UK231



USER MANUAL

AI Karaoke Machine

Introduction

Thank you for purchasing this product. Before using the product, please read this user manual carefully and make sure you fully understand its contents. Keep this manual in a safe place for future reference and ensure that it is accessible to all users of the product.

Getting Information

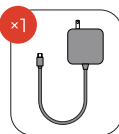
The latest version of the user manual and other helpful information are available in our Help Center:

<https://support.singcore.ai/>



The website can be accessed from a computer, smartphone, or tablet.

1. LIST OF ACCESSORIES



Power Adapter (1.2m)

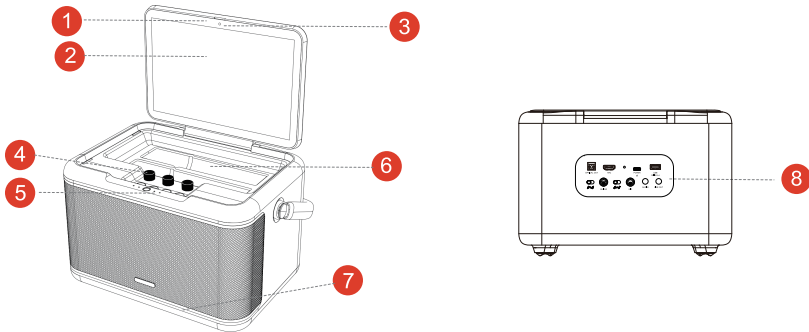


Wireless Microphone



User Manual

2. PRODUCT INTRODUCTION

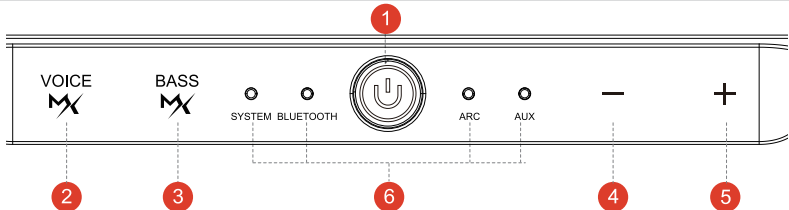


A portable karaoke speaker that combines karaoke, AI creation, and audio/video entertainment. Featuring a 10.1-inch touch display, HD camera, ambient lighting, and versatile audio/video connectivity, it delivers a smarter entertainment experience.

Google MADA certified, with support for Google services and app downloads from Google Play, making it easy to expand your entertainment options.

- 1 10.1-inch touch display with Android 16 OS
- 2 The touch display supports 180° folding and multi-angle positioning.
- 3 HD camera
- 4 Audio control panel
- 5 Touch control panel
- 6 Microphone charging slot
- 7 Ambient light strip
- 8 Connection panel: USB, AUX, HDMI ARC, OPTICAL OUT, 6.5mm

3. TOUCH BUTTONS



1 “ ”: Power button

Press the button to power on. Press and hold for 1.5 seconds to power off. Press and hold for 5 seconds to force shutdown. Short press to switch the input source.

When the power button indicator lights red, the battery level is low. Please charge the device promptly.

2 “ ”: **VOICE MAX**

Vocal Enhancement: Press this button to enhance vocals in music and videos for a clearer listening experience.

3 “ ”: **BASS MAX**

Bass Enhancement: Press this button to enhance bass performance for a deeper, richer listening experience.

4 “ — ”:

Press once to decrease the volume by 1 level.

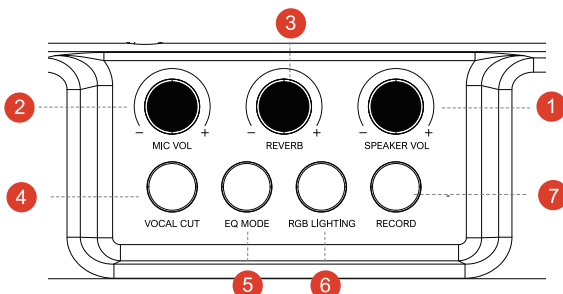
5 “ + ”:

Press once to increase the volume by 1 level.

6 **Sound Mode Indicator**

SYSTEM indicates audio from the Singcore system; BLUETOOTH indicates audio from a Bluetooth-connected device; ARC indicates audio from an HDMI-connected device; AUX indicates audio from a device connected via AUX IN.

4. TUNING CONTROL CENTER



1 **SPEAKER VOL:** Adjust the speaker volume level.

2 **MIC VOL:** Adjust the microphone volume level.

3 **REVERB:** Adjust the microphone reverb effect level.

4 **VOCAL CUT :** Remove vocals from songs in real time to turn them into instrumental tracks.

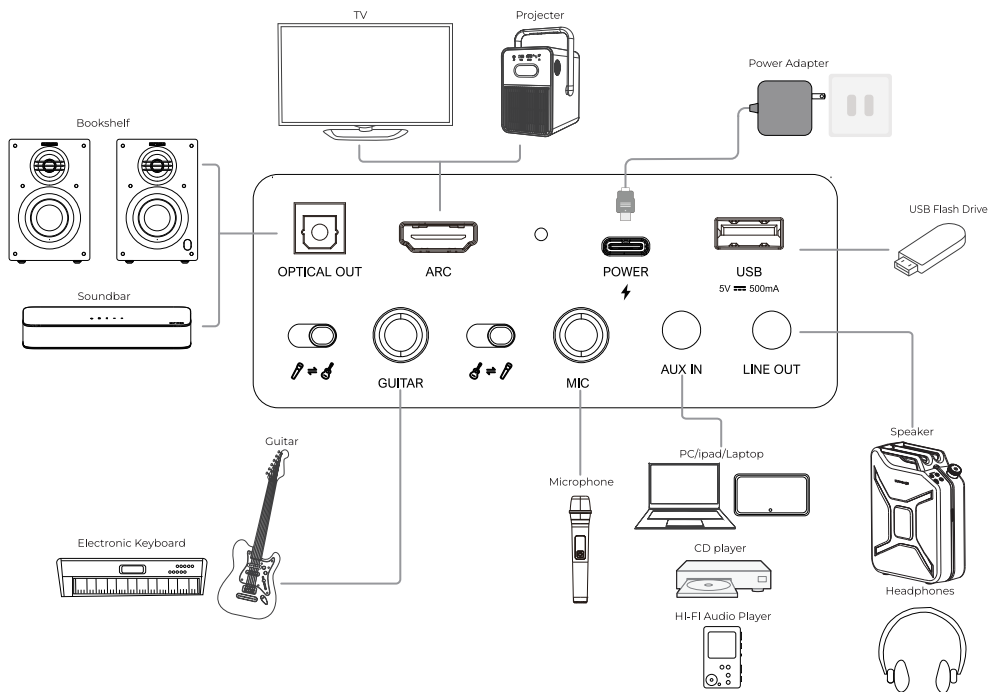
5 **EQ MODE:** Select different sound EQ modes. Four preset modes are available: KTV / OUTDOOR / CINEMA / MUSIC

6 **RGB LIGHTING:** Switch RGB lighting effects.

7 **RECORD:** Start or stop video recording.

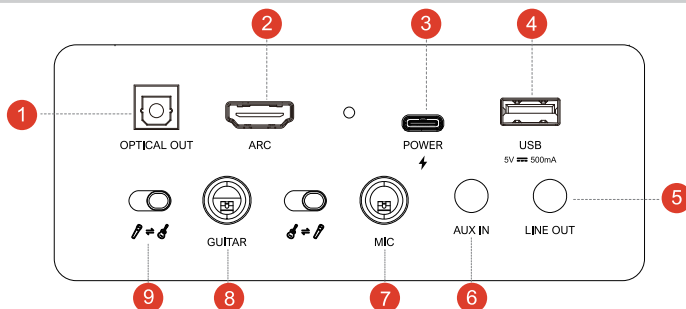
Note: Singcore APP must be launched and kept running in the background. Do not close the Singcore APP.

5. USAGE SCENARIOS



This product supports connection to a variety of audio, video, and storage devices. Before connecting a device, make sure the interface type is correct and lower the volume level.

6. INTERFACE TERMINAL



1 OPTICAL OUT

Connect to a Soundbar or a pair of bookshelf speakers with an "OPTICAL IN" port using an optical cable for your desired audio experience.

2 ARC

In SYSTEM mode, use an HDMI cable to connect the HDMI port on this device to the HDMI port on a TV to display the device screen on the TV. In ARC mode, the device works as an external speaker for the TV and plays TV audio.

Use an HDMI cable to connect a monitor, TV, or projector. Supports resolutions up to 1080P and is compatible with HDMI 1.4 and HDMI 2.0.

For details, refer to “HDMI CONNECTION”.

3 POWER

Connect the power adapter to supply power to or charge the device.

4 USB

Supports DC 5V 500mA output. Connect a USB flash drive for media playback, or connect a mouse/keyboard.

- Supported file systems: EXFAT/FAT32/NTFS/EXT4
- Maximum supported storage capacity: 1TB
- Supported media codec formats: AAC / AC3 / APE / FLAC / M4A / MP2 / MP3 / WMA / OGG / 3G2 / 3GP / AVI / FLV / MKV / MOV / MP4 / WMV

5 LINE OUT

Line-level audio output for connecting external speakers.

Outputs all audio signals from the device through a 3.5mm audio cable, including music and microphone audio. Once connected, the built-in speaker is automatically muted. Use the AUX OUT port to connect headphones for monitoring or an external high-power sound system for playback.

6 AUX IN:

Analog audio input for connecting external audio sources such as smartphones, tablets, computers, or music players.

7 MIC:

For connecting an external microphone.

8 GUITAR:

For connecting an electric guitar or acoustic-electric guitar.

9 Microphone/Guitar Mode Switch:

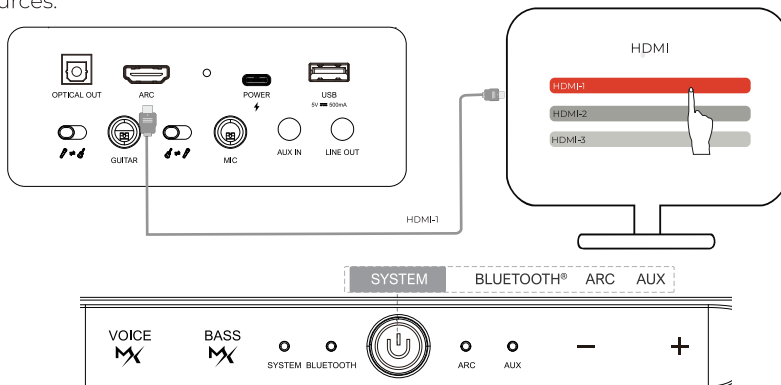
Switch between microphone and guitar modes for the corresponding input channel based on the connected external device.

7. HDMI CONNECTION

Scenario 1: Large-Screen Display

To display the device screen on a TV for a larger viewing experience, follow the steps below:

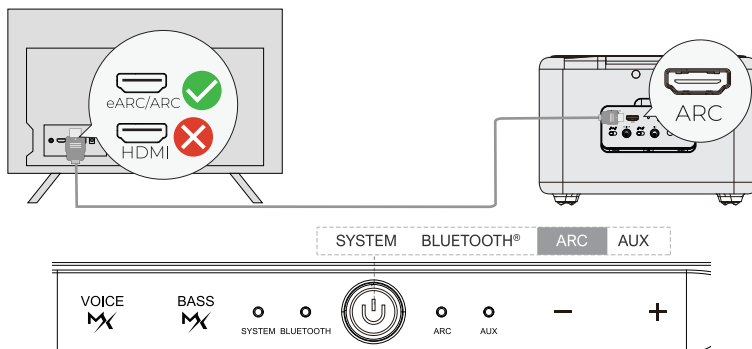
- 1 Connect the device to the TV using an HDMI cable.
- 2 Keep the input source set to SYSTEM. Press the power button to switch input sources.



Scenario 2: Use as an External Speaker

To use this device as an external speaker for your TV for an enhanced audio experience follow the steps below:

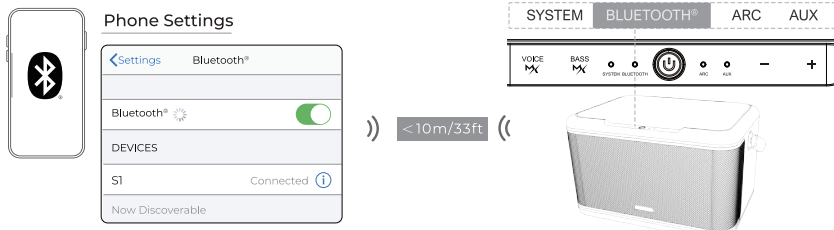
- 1 Use an HDMI cable to connect the device to the TV's eARC/ARC port.
- 2 Press the power button to switch the input source to ARC



If there is no sound after connecting the karaoke machine to the TV, please set the TV's audio output format to PCM.



8. CONNECT TO Bluetooth®

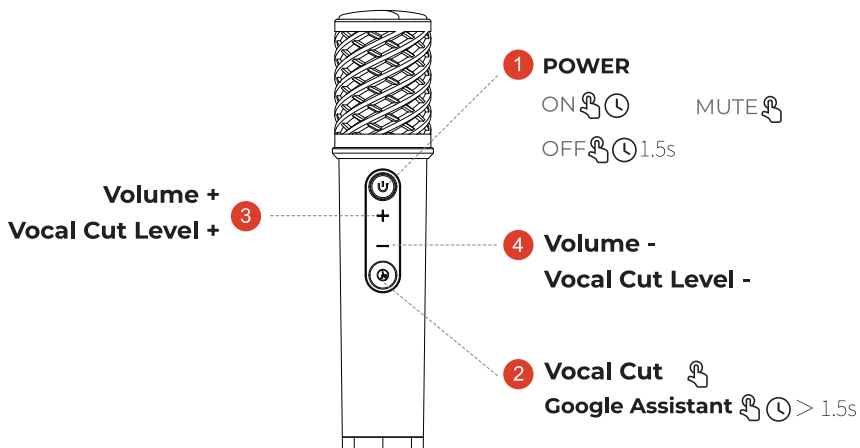


- 1 Press the power button to switch the input source to BLUETOOTH® mode. A flashing blue indicator light means the device has entered pairing mode.
- 2 Open the Bluetooth® settings on your phone, find and select "Singcore S1" to connect to the device.

Note: Do not use the Bluetooth® settings in the Android system. Use the speaker's Bluetooth function to connect to your mobile phone, PC, or TV.

If the device is already in Bluetooth® mode and connected, open the Singcore APP and disconnect the current device in the input source settings. Then manually select and connect the new device on your phone/PC/TV.

9. MICROPHONES



1 POWER

Press the button to power on. When powered on, press the Power button to mute or unmute the microphone. Press and hold for 1.5 seconds to power off.

A blue light indicates normal operation. A red light indicates low battery or charging.

2 Vocal Cut

Press this button to enter Vocal Cut adjustment mode.

Use the "+/-" buttons to adjust the Vocal Cut level, reducing or removing vocals from songs.

After 3 seconds of inactivity, the indicator light turns off automatically and the controls return to volume adjustment mode.

In SYSTEM mode, press and hold for 1.5 seconds to activate the Android voice assistant; release the button to stop.

3 Volume + / Vocal Cut Level +

Increase the volume or the Vocal Cut level.

4 Volume - / Vocal Cut Level -

Decrease the volume or the Vocal Cut level.

✗ When replacing or re-pairing the microphone, press and hold the "VOCAL CUT" button on the main unit for 5 seconds to enter pairing mode. Turn on the microphone, then press and hold the Power and Volume Down buttons simultaneously for 5 seconds. Keep the microphone within 1 m of the main unit during pairing. The indicator stays on when pairing is complete.

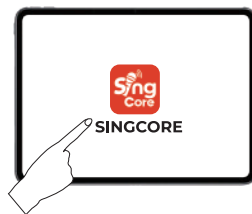
10. Singcore APP and Google Play Store

1 Singcore APP is pre-installed on the system

The Singcore APP is pre-installed on the system at the factory.

Use the app for karaoke settings, AI creation, and sharing moments from your life.

If you delete the app, you can download it again from the Google Play Store.



2 Google Play Store

The Android OS on this product is Google MADA certified, allowing you to download the apps you need from the Google Play Store.



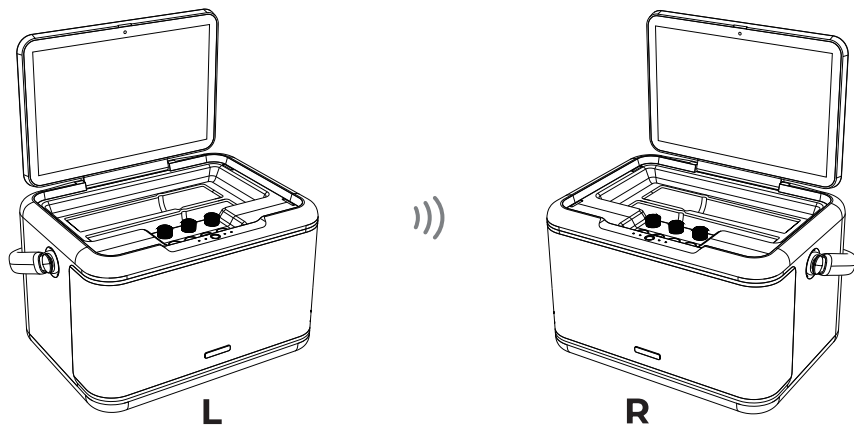
3 Singcore APP for Mobile

To remotely control Singcore, download the mobile version of the Singcore APP on your phone and add the device.



11. TWS

You can wirelessly pair two **Singcore S1** speakers using the TWS function for stereo playback.

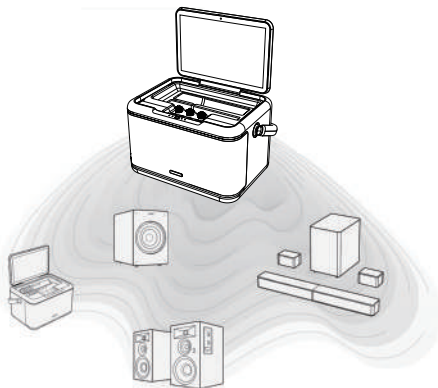


- 1 In the Singcore APP, go to Settings, find “TWS” under “Networking”, and select “On”.
- 2 Then enable the TWS function on the second **Singcore S1**.
- 3 Wait for the two devices to pair automatically. Once connected, audio can be played through the main speaker. During use, do not exit the TWS page on the second speaker.

Note: When TWS is enabled, audio is played simultaneously through both **Singcore S1** speakers for a wider stereo effect. Due to Bluetooth transmission limitations, **wireless microphone audio is played only through the Singcore S1 to which the microphone is connected and will not be transmitted to the other speaker.**

12. Auracast™ Wireless Audio Sharing

Singcore S1 supports Auracast™ wireless audio sharing, allowing audio played on the device to be transmitted wirelessly to compatible Auracast™ audio devices for synchronized playback across multiple devices.

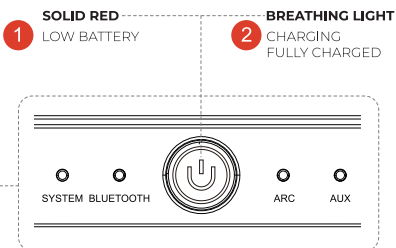
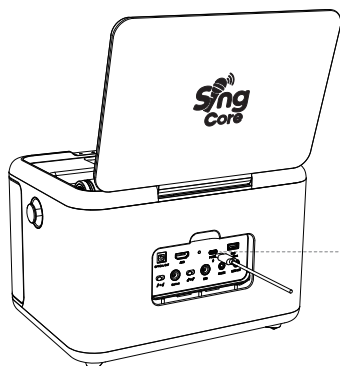


- 1 Open the Singcore APP on Singcore S1, go to “Settings”, find “Auracast™”, and enable the Auracast™ function.
- 2 On the Auracast™-compatible device that will receive the audio, enable the Auracast™ receive/ search function.
- 3 On the receiving device, find and select the Singcore S1 Auracast™ broadcast to complete the connection.
- 4 Once connected, play music or video on the Singcore S1. The audio will be synchronized to the connected Auracast™ devices.

Note: Auracast™ is only available on devices that support this function.

Whether wireless microphone audio can be synchronized via Auracast™ depends on the actual audio transmission design of the Singcore S1.

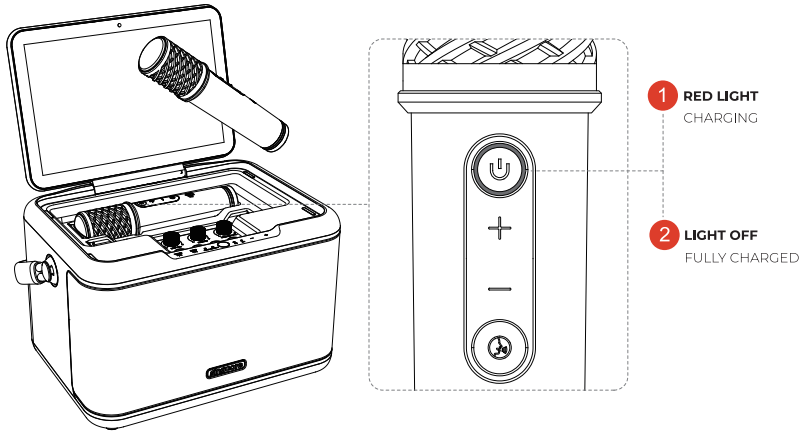
13. SPEAKER CHARGING



The device contains a built-in battery.

Please use the supplied power adapter for charging.

14. WIRELESS MICROPHONE CHARGING



The wireless microphone contains a built-in battery.
Place the microphone in the charging slot to start charging.

Note: The microphone provides 30 hours of use and takes 5 hours to fully charge.

General specification (English):

Model: UK231
Sound system: 2.1 channel
Input: PD 5V≡3A, 9V≡3A, 12V≡3A, 20V≡2.25A;
PPS 5V-20V≡2.25A; 45W Max
USB Output: DC 5V 0.5A
Drivers: 2.5" x 2 (L/R channels) + 1" x 2 (tweeters) + 4" (woofer)
Standby Power: < 0.5W
Operating Temperature: -10°C-45°C/14°F-113°F
Operating Altitude: 2000 meters above sea level

Karaoke Machine Battery Specifications

Battery model: C1709A9
Nominal Voltage: 7.38V
Rated Capacity: 4700mAh
Nominal Energy: 34.686Wh

Microphone Battery Specifications

Battery model: 18650
Charge voltage : 3.7V
Nominal Voltage: 4.2V
Nominal Capacity: 2000mAh
Nominal Energy: 7.4Wh

System Specifications

Operating System: Android 16
Camera: 5MP Front Camera
Memory: 4GB
Storage: 64GB
Screen Size: 10.1"

Dimensions

· Karaoke Machine (W x H x D):
298 x 191.5 x 202 mm / 11.0" x 8.0" x 7.5"
· Wireless Microphone (W x H x D):
180 x 40 x 40 mm / 7.1" x 1.6" x 1.6"
· Packaging dimensions (W x H x D):
324 x 242 x 312 mm / 12.8" x 9.53" x 12.3"
Packaging Weight: 5.8 kg / 12.8 lbs

Power Consumption and Wireless Connection Setup Guide

1. Information on power consumption
This equipment complies with European COMMISSION REGULATION (EU) 2023/826.
· Off: N/A
· Standby (when all wireless connections are deactivated): < 0.5 W
· Networked standby for Soundbar: < 2.0 W
*The duration for the device to enter standby mode can be set in the app. Changing this setting may lead to a significant increase in energy consumption, negatively impacting the environment.
2. The period of time after which the power management function switches the equipment automatically into:

Off	N/A	
Standby	When the soundbar is idle (with no playback or operation) and neither Bluetooth nor the app is connected.	Switched to standby mode after 15 minutes.
Networked standby	When Bluetooth or the app is connected.	Switched to networked standby mode after 15 minutes of inactivity in operational mode.

IMPORTANT SAFETY INSTRUCTIONS (English):

- 1.Please read and retain this manual. Follow all warnings and operate according to the instructions.
- 2.Do not use the device near water sources, in damp environments, or in the rain. Avoid splashing liquids or placing objects containing liquids (such as vases) on the device.
- 3.Clean only with a dry cloth. Do not use liquid cleaners.
- 4.Do not block ventilation openings or install the device in an enclosed space. Ensure proper ventilation and install according to the manufacturer's instructions.
- 5.Do not install the device near heat sources such as radiators, stoves, or amplifiers. Do not cover the ventilation openings with items such as newspapers or curtains.
- 6.Use only attachments, stands, or accessories specified by the manufacturer. When using a device with wheels, move with care to avoid tipping.
- 7.Protect the power cord from being pinched, stepped on, or bent, especially at plugs, outlets, and the point where it exits the device.
- 8.Do not alter the polarized or grounding-type plug. If the plug does not fit into the outlet, consult an electrician to replace the outlet.
- 9.Unplug the device during lightning storms or when unused for long periods. To fully disconnect power, unplug the device from the wall outlet and ensure the plug is accessible.
- 10.Do not place any open flame sources (such as lit candles) on or near the device.
- 11.Do not attempt to open the device. High voltage inside may be fatal. There are no user-serviceable parts inside. All servicing must be performed by qualified personnel.
- 12.The installation height of the device must not exceed 2 meters.

 BATTERY SAFETY INSTRUCTIONS

CAUTION: Risk of Fire and Burns. Do Not Open, Crush, Heat Above 60°C or Incinerate. Follow Manufacturer's Instructions. Use the authorized charger only!
ATTENTION : Risque d'incendie et de brûlures. Ne pas ouvrir, écraser, chauffer au-dessus de 60°C ou incinérer. Suivez les instructions du fabricant. Pour une utilisation uniquement avec le chargeur spécifié.

PROPER DISPOSAL INSTRUCTIONS



This mark shown on the product or its packaging, indicates that this product should not be disposed of with other household waste at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Waste Electrical & Electronic Equipment

Household user should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their suppliers and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

WIRELESS FREQUENCY RANGE AND WIRELESS OUTPUT POWER:

Wi-Fi: 2.4GHz / 5GHz

Frequency: 2.402GHz-2.48GHz, 5.8GHz

The Max. transmit power (Applies only to the EU): 10 dBm

FCC REGULATORY COMPLIANCE

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

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.

NOTE: 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 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 the receiver.
- Connect the equipment to 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED WARNINGS

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.

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

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux

CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- 3) The device meets the exemption from the routine evaluation limits in issue 6 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la numéro 6 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

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

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

Wireless Capability Description:

This product comes with two wireless microphones. Each microphone features built-in 5.8GHz wireless TX transmission, allowing vocal audio signals to be wirelessly transmitted to the Karaoke Machine. The Karaoke Machine main unit has a built-in wireless microphone receiver module and can receive signals from two wireless microphones simultaneously.



CA WARNING: Can expose you to BPA, a carcinogen, and BPA, a reproductive toxicant. See www.P65Warnings.ca.gov.

CE WARNINGS

- 1) Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- 2) WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- 3) WARNING: The adapter plug is used as disconnect device, the disconnect device shall remain readily operable.
- 4) Frequency: 2.402GHz-2.48GHz
- 5) The Max. transmit power: 10 dBm

EU Declaration of Conformity

We (Manufacturer is responsible for this declaration)
Ultimea Technology (Shenzhen) Limited
(Company name)

20th Floor, Building 4, Tianan Cloud Park, Bantian St.,
Longgang District Shenzhen, China 518000
(Company address)

Declare under our sole responsibility that the product
Trade Mark: Singcore S1
Product Name: Karaoke Machine
Model No.: UK231

The product to which this declaration relates is in conformity with the essential requirements set out in the Council Directive on the Approximation of the laws of the Member States relating to the Radio Equipment Directive (2014/53/EU), the Restriction of Hazardous Substances Directive (2011/65/EU), the Electromagnetic Compatibility Directive (2014/30/EU), and the Low Voltage Directive (2014/35/EU). The product is responsible for affixing the CE marking, and the following standards were applied:

EN 55032:2015/A1:2020
EN 55035:2017/A1:2020
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013/A2:2021
ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-17 V3.2.4 (2020-09)
ETSI EN 300 328 V2.2.2 (2019-07)
EN 50663: 2017
EN IEC 62368-1:2020+A11:2020
IEC 62321-3-1:2013
IEC 62321-4:2013+A1:2017
IEC 62321-5:2013
IEC 62321-6:2015
IEC 62321-7-1:2015
IEC 62321-7-2:2017
IEC 62321-8:2017

Full Name: Yoyo.Yu
Position: Approbation Manager

Signature: 

Place/Date: Shenzhen, China / November. 10-2026

Trade Marks:



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The Auracast™ word mark and logos are trademarks owned by Bluetooth SIG, Inc. Any use of such marks by Ultimea Technology (Shenzhen) Limited is under license. Other trademarks and trade names are those of their respective owners.



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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Product Name: Karaoke Machine

Model No.: Singcore S1



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801 S. Dupont Ave., Ste G, Ontario, CA, 91761, USA

Made in China

Manufacturer: Utimea Technology (Shenzhen) Limited

Address: 20th Floor, Building 4, Tianan Cloud Park, Bantian St., Longgang District, Shenzhen, China 518000

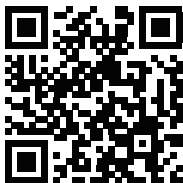
Manufacturer Contact Information:

+1 888-598-8875 (US)
Mon-Fri 9am-5pm (PST)
+49 89-628-25828 (EU)
Mon-Fri 9am-5pm (CET)

✉ support@singcore.ai

🌐 support.singcore.ai

If you need our support, kindly reach out to our service team.
We are always glad to help.



Download Singcore App



Search for "SINGCORE" on social media.



XXX-XXXXXX



Shen Zhen Shi Xin Fei Yi
Ke Ji You Xian Gong Si



FR

Cet appareil,
ses accessoires,
et cordons
se recyclent

REPRISE
À LA LIVRAISON



À DÉPOSER
EN MAGASIN



À DÉPOSER
EN DÉCHÈTERIE



Points de collecte sur www.uefairedemesdechets.fr