包装信息	型号：KM300 成品尺寸：140*185MM 材质：80书写纸 骑马订 工艺：四色印刷 版本号：V1.0-2023905
备注信息	较V1.0_20230829版本修改了文案和增加了认证信息

封低

封面

MODEL: KM300

FCC Requirement

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, and

(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 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Caution:

-English:

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference, and

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

This device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

-French:

Le présent appareil est conforme aux CNR d' Industrie 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, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible de compromettre le fonctionnement de l'appareil.

Le matériel a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences. Le dispositif peut être utilisé dans des conditions d'exposition portatives illimitées.

Technical Support:
Support@sudotack.com
www.sudotack.com

Microphone FCC ID:2AJJB-KM300M

SUDOTACK

MUSIC CAPSULE

MODEL: KM300

User Manual

Thank you letter

Dear Users,

Thank you for choosing Music Capsule, a karaoke speaker with four microphone inputs, two wireless 2.4G microphones and two 6.35MM wired microphones respectively.

With four connection options of HDMI ARC/Coaxial/Bluetooth/Line IN, the karaoke speaker easily connects to the latest and old version TVs,which allows you to play backing tracks on your TV, transfer them to the speaker, and watch the lyrics on your TV at the same time. This product is a perfect solution to the problem of not being able to watch the lyrics while you are singing.

In addition to this, the Music Capsule's two speakers are rated at up to 30W, which is loud enough. It features a 20W 3.5-inch sensitive bass/midrange unit and a 10W 2.5-inch tweeter unit, which produces clear and transparent accompaniment and vocals. To mellow the bass, we've added two passive radiators on the left and right sides of the speaker, which greatly multiply the bass effect of Music Capsule.

Another highlight of the speaker is that it features up to 9 RGB lighting effects, with a variety of dynamic and static lights for an immersive visual experience during karaoke.

In addition, The Music Capsule is also equipped with practical features and configurations such as accompaniment pitch adjustment, microphone independent volume adjustment, rich scene sound effects, music only, bass enhancement, and up to 4.5 hours of ultra-long battery life, aiming to better meet your singing needs.

We sincerely hope with the product, you can immerse yourself in beautiful melody.

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Important Safety Instructions

1. Please read the manual carefully and comply with all instructions and hints of use, pay attention to all precautions.
2. Use the power adapter provided by the manufacturer. When the USB adapter is used in accordance with the SUDOTACK regulations, the speaker maximum support input voltage of 5V, the current up to 1.4A, if your adapter output voltage and current exceeds 5V, 1.4A, the speaker will be forced to shut down protection, can not continue to use. If the USB adapter is used in accordance with the SUDOTACK regulations, the microphone supports the input voltage of 5V, the current up to 1A, such as your adapter output voltage and current exceeds 5V, 1A, the microphone will be forced to shut down protection, can not continue to use. If the USB adapter is used in accordance with the SUDOTACK regulations, if the use Forced use of adapters exceeding the voltage and current will seriously cause the microphone to burn out.
3. Do not drop or hit the speaker and microphone, it will damage the cavity structure and iron mesh, affecting the sound quality.
4. Do not place the product in a narrow space for use, such as bookcases or built-in cabinets.
5. Do not use the product in water, humid and other environments, such as outdoor rainy days, or damp basements.
6. Do not expose the product to liquid splashing, dripping areas, or place liquid-filled appliances on the product.
7. Do not use the product in heat and the high temperature and other environments, such as near fire sources, sun-exposed areas, next to radiators, heaters and other equipment.
8. Please try not to use the speakers and microphones in thunderstorms, and please unplug the USB charger to avoid high voltage lightning breakdown of the product circuit.
9. When you go out or do not use the product for a long time, please unplug the USB charger to avoid fire.
10. Do not place the product near strong magnetic or strong interference sources, such as sales concentration area, WiFi hotspots, Bluetooth devices, and other wireless signal sources and abnormal noise.
11. Do not use any acids/alkaline or corrosive cleaning agents to clean the product, which may cause irreversible damage to the appearance. When cleaning the product, it is recommended to gently wipe the body with a clean and soft cloth or cotton swab.
12. Do not block any ventilation openings, please do not cover the product with newspapers, curtains, tablecloths, etc. to avoid blocking the ventilation openings resulting in overheating of the fuselage, burning the product, or even causing a fire.
13. Please protect the USB charging cable to avoid being stepped on and the cable being twisted and torn off.
14. If the product is found to have abnormal phenomena such as smoke, odor and other problems, please immediately unplug the USB charger cut off the power supply.
15. As far as possible to use the machine attached and specified connection cable, the machine comes with a 2.8m USB C charging cable, 1.5m 3.5mm audio connection cable.
16. Do not disassemble and repair the machine without authorization, SUDOTACK will not be held responsible for any damage to the machine or fire.

⚠ **WARNING!** The maximum supported input voltage of this speaker is 5V, input current is 1.4A, if you use other USB adapter over 5V 1.4A to charge this speaker by yourself without authorization, it may cause the machine to burn and can't be switched on, SUDOTACK will not be responsible for the consequence.

⚠ **WARNING!** The highest supported input voltage of this microphone is 5V, the input current is 1A, if you use other USB adapter over 5V 1A to charge this microphone by yourself without authorization, it may cause the machine burned and can not be switched on, and the consequence will be borne by yourself.

What's in the box

KM300 Speaker x1

Wireless Microphone x2

USB-C Charging Cable x1

3.5mm Audio Cable x1

Shoulder Strap x1

User Manual x1

Frontal Panel Functions Introduction

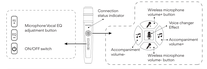
Product Buttons Function Instruction

Icon	Button Functions	Operation Instruction	Note
	Battery Display	----	1.Four levels of white LED display, 25% per level. 2.In non-charging mode, when the battery is lower than 10%, red light blinks along with five battery levels displayed alternately. 3. In non-charging mode, when the battery is lower than 10%, there will be no response for a short time you turn the speaker on. 4. In charging mode, the battery level keeps flashing.
	Power ON/OFF button	1.Press 2s to turn the microphone on/off, short press the microphone button for a force shutdown.	For turning on/off.
	Global volume adjustment knob	Turn the knob clockwise for turning up volume, turn the knob counterclockwise for turning down volume.	For adjusting the global volume of the speaker.
	Wired microphone volume adjustment knob	Turn the knob clockwise for turning up volume, turn the knob counterclockwise for turning down volume.	For adjusting two 6.35mm wired microphone output volume.
	Reverb adjustment knob	Turn the knob clockwise to increase depth, turn the knob counterclockwise for turning down volume.	For adjusting wireless and wired microphone reverb depth.
	Accompaniment key+ Accompaniment pitch adjustment	Turn the knob clockwise for turning up volume, turn the knob counterclockwise for turning down volume.	For adjusting high pitch of accompaniment.
	Accompaniment key- Low pitch adjustment	Turn the knob clockwise for turning up volume, turn the knob counterclockwise for turning down volume.	For adjusting low pitch of accompaniment.

Icon	Button Functions	Operation Instruction	Note
	Previous song/Fast Backward	1.Click to play previous song. 2.Press for 2s to fast backward, release to stop fast backward and play audio normally.	1.For playing previous song. 2.For fast backward of audio and recording.
	Play/Pause	1.Click to play, click twice for a pause. 2.Press for 3s for a mandatory disconnection of Bluetooth.	1.For playing or pausing audio. 2.For control audio and recording.
	Next song/ Fast Forward	1.Click to play next song. 2.Press for 2s to fast forward, release to stop fast forward and play audio normally.	1.For playing next song. 2.For the fast forward of audio and recording.
MODE	Audio input modes button	1.Click to enter audio input loop switching mode. 2.Three modes: Bluetooth>HDMI ARC>Line IN>Coaxial. 3.Line IN mode can be selected only when it is connected. 4. Ur disk or TF card will be recognized once plugged into speaker.	1.For adjusting audio input modes. 2.Available background LED: Bluetooth>HDMI ARC>Line IN> Coaxial. 3.In bluetooth modes, when not connected, Bluetooth LED light will flash each 0.3s. After connected, the LED light will go off after 8s steady light. 4.In other modes,LED light will go off after 8s steady light.
●REC	Recording button	1. Press for 2s to enter recording mode, release to stop and save recording. 2. During recording, short press recording button to pause recording. 3. After recording, short press recording button to play recorded audio, short press recording button to stop recorded audio. 4. During playing recorded audio, short press recording button to pause, short press recording button to stop.	For recording audio captured by microphone.
	Music only button	Click to activate music only function, click twice to restore original acoustic volume.	For reducing the vocal frequency in accompaniment.
TONE+	Accompaniment key+	1.Audio fundamental key is by default. 2.Click to increase key, 5 levels.	1.For increasing audio source accompaniment key. 2.Pitch logo:LED background light blue. Key: -5,-4,-2,-0,+2,+3,+4 5.Fundamental key is 0, light is off if there is no operation within 8s after you click the button.

Icon	Button Functions	Operation Instruction	Note
TONE-	Accompaniment key-	1.Audio fundamental key is by default. 2.Click to increase key, 5 levels.	1.For decreasing audio source accompaniment key. 2.Pitch logo:LED background light blue. Key: -5,-4,-2,-0,+2,+3,+4 5.Fundamental key is 0, light is off if there is no operation within 8s after you click the button. 4. Background LED light will go off if there is no operation within 8s after you click the button.
EQ	Scenes effect	1.Default: Original sound. 2.Click the button to switch 5 scenes effect modes. 3. Scenes Effect Order: Origin, Room, Party, Recording studio, Concert hall, Idol concert.	1.For adjusting microphone scene effect. 2.Pitch logo:scene prompt: Origin, Room, Party, Recording studio, Concert hall, Idol concert.
	Light modes adjustment	Short press to adjust 9 light modes cyclically.	1.All light modes features memory function.
	Light brightness adjustment	Short click to adjust 3 level brightness cyclically.	For adjusting light brightness.

Microphone buttons instuction



Icon	Button Functions	Operation Instruction	Note
	ON/OFF switch	1.Press for 2s to turn on microphone. 2.Press for 2s to turn off microphone.	1.Turning on/off microphone. 2.Red and white LED display: 3.Under the discharge state, the power is lower than 10%, the red LED light is on. If there is no operation for 8s, the light will go off, press any button to activate. 4.Under the discharge state, the power is higher than 10%-25%, the red LED light is always on. If there is no operation for 8s, the light will go off, press any button to activate. 5.Under the discharge state, the power is lower than 10%, the red LED light flashes per 0.5s. If there is no operation for 8s, the light will go off, press any button to activate. 6.Under the charging state, white light is always on until the microphone is fully charged.
Connection status indicator	NA	1.Indicating speaker and microphone connection status. Blue LED indication: if not successfully connected, blue LED will flash each 0.3s.After the successful connection, blue LED will be steady on. If there is no operation for 8s, the light will go off, press any button to activate.	
Wireless microphone volume button	1.Click once to increase volume by 1level. 2.Press for 2s to increase volume to maximum level, release when the volume reaches highest level.	1.Adjusting microphone output volume. 2.Volume adjustment will be memorized.	
Wireless microphone volume button	1.Click once to decrease volume by 1level. 2.Press for 2s to decrease volume to zero, release when the volume reaches lowest level.	1.Adjusting microphone output volume; 2. Volume adjustment will be memorized.	

Icon	Button Functions	Operation Instruction	Note
	Accompaniment volume+	1.Click once to increase volume by 1level. 2.Press for 2s to increase volume to several levels, release when the volume reaches highest level.	1.Adjusting Accompaniment volume; 2.Volume adjustment will be memorized.
	Accompaniment volume-	1.Click once to decrease volume by 1level. 2.Press for 2s to decrease volume to several levels, release when the volume reaches lowest level.	1.Adjusting Accompaniment volume; 2.Volume adjustment will be memorized.
	Voice changer Effect	Click the button to switch effects cyclically. Origin>Male Female Magic>Chipmunk.	1.Adjusting voice changer effect. 2.Pitch logo:prompt: Origin>Male Female Magic>Chipmunk. 3.The adjustment of voice changer will not be memorized.
EQ	Microphone vocal EQ adjustment button	1.Level 0 by default. 2.Level EQ adjustment of -1,-2,-3.	1.The higher level the vocal EQ is, the voice sounds more bright. 2.The adjustment of voice will be memorized.
EQ	Microphone vocal EQ adjustment button	1.Level 0 by default. 2.Level EQ adjustment of 0, 1, 2, 3.	1.The lower level the vocal EQ is, the voice sounds more mellow. 2.The adjustment of voice will be memorized.

Speaker backside interface introduction

Bluetooth Connection

Step 1:
Press ON/OFF button to turn on Music Capsule. The default mode is Bluetooth mode. When Music Capsule is connecting to Bluetooth devices, the LED light under the logo of Bluetooth will flash fast per 0.3s.

Step 2:
In the case of US TVS,
Turn on the TV, press the setting button of the LG remote control , and switch to the audio output mode through the arrow keys.

Step 3:
Long press and hold the scroll wheel in the middle of the remote control for 2s to enter the Sound Out details setting page.

Step 4:
Select the Device List button on the right side of Bluetooth.

Step 5:
Click the "Search" button and search for Music Capsule, then choose to connect. After successfully connected, the Bluetooth LED light will go off, it means you that the Music Capsule is successfully connected.

Step 6:
When the mobile phone is connected, turn on the Bluetooth of the mobile phone, search for Music Capsule, and click to connect.

Notice: Long press and hold the play/pause button on the Music Capsule control panel for 3s to forcibly disconnect the current Bluetooth connection.

HDMI ARC Connection

Step 1:
Insert one end of the HDMI cable into the Music Capsule HDMI ARC interface, and the other end into the HDMI ARC/eARC interface of the TV.

Notice: Please note that it must be inserted into the HDMI ARC/eARC interface of the TV, it is invalid to insert into the ordinary HDMI IN interface.

Step 2:
Long press and hold for 2 seconds to turn on the Music Capsule machine, short press the Mode button after turning on the machine, and the white LED light will jump to the Line IN state.

Step 2:
Take LG TV as an example, turn on the TV, short press the setting button of the LG TV remote control, and select the Sound Out output.

Step 3:
Long press and hold the scroll wheel in the middle of the remote control for 2s to enter the Sound Out details setting page.

Step 4:
Select the HDMI ARC mode through the TV remote control, and the sound can be returned to the Music Capsule through the TV.

Notice: If there is a sound or sharp and harsh abnormal noise when connected to HDMI ARC/eARC interface, it may be caused by the setting of the TV to PCM coded output, and turn off the default Dolby/DTS coded output of the TV (different TV settings are different).

Line IN/AUX Connection

Step 1:
Insert one end of the 3.5mm audio cable into the Line IN interface of the Music Capsule, and the other end into the Line Out/AUX Out/Audio Out/Headphone Out interface of the TV.

Notice: Please note that the Line Out/AUX Out/Audio Out/Headphone Out interfaces of the TV are all 3.5mm output interfaces, but the names are different. If it is a 3.5mm input interface and it is marked Debugging Interface/Upgrade interface, the connection is invalid.

Step 2:
Long press and hold for 2 seconds to turn on the Music Capsule machine, short press the Mode button after turning on the machine, and the white LED light will jump to the Line IN state.

Step 3:
Take LG TV as an example, turn on the TV, short press the setting button of the LG TV remote control, and select the Sound Out output.

Step 4:
Press the remote control wheel for 3 seconds to enter the sound output mode, and set the SOUND output mode of the TV to Bluetooth mode.

Step 5: Select Audio Out/ Line out/wireless remote control, then the audio can be transmitted to Music Capsule.

Step 6:
Select the RCA Out mode through the TV remote control, and the sound can be transmitted from the TV to the Music Capsule.

RCA Connection

If your TV does not have 3.5mm interface such as Audio Out/Line Out/Headphone Out/AUX Out Etc.

Step 1:
Please purchase the RCA male to 3.5mm female adapter and connect the 3.5mm audio cable into the 3.5mm female adapter.
Then insert the red plug of the adapter into the red RCA Out (L) interface of the TV, and insert the white plug into the white RCA Out (R) interface of the TV.
Finally, connect plug at the other end into the Line IN interface of the Music Capsule.

Step 2:
Take LG TV as an example, turn on the TV, short press the setting button of the LG TV remote control, and select the Sound Out output.

Step 3:
Long press and hold the scroll wheel in the middle of the remote control for 2s to enter the Sound Out details setting page.

Step 4:
Select the RCA Out mode through the TV remote control, and the sound can be transmitted from the TV to the Music Capsule.

Coaxial Connection

Step 1:
Plug one end of coaxial cable to Coaxial interface of Music Capsule.
Plug the other end of coaxial cable to Coaxial interface of TV.

Step 2:
Hold the Music Capsule power button for 2s, and press Mode after the Music Capsule is turned on. Ensure the white LED light is Coaxial status.

Step 3:
Take LG TV as an example, turn on the TV, press the setting button of LG TV remote. Select Sound Out.

Step 4:
Press the remote control central wheel for 3s, enter Sound Out setting detail page.

Step 5:
Select Coaxial mode, then the Music Capsule will play TV sound.

USB Connection

Plug an USB flash disk into the Music Capsule, insert the USB flash disk drive which stores audio files into the USB port of the Music Capsule, and the music can be played through the speaker.
Notice: MP3/WMA/APE/FLAC/WAV/AAC/M4A/OGG/OPUS/AMR/AIFF/AIFC/AIFF/AU/MIDI/MP2/MP3 audio files are supported, the maximum supported capacity is 1TB, the USB flash disk with a capacity exceeding 32GB needs to be formatted in FAT32 or exFAT.

The system of the USB DJ and storage devices must be in FAT16, FAT32, and exFAT

Format		Extension	Bit rate	Channel	Sampling rate
MP3	MPEG Audio Layer-3	.mp3, .mp2, .mp1	8 - 320 kbps, VBR	1, 2, 3	16 kHz - 48 kHz
WMA	Windows Media Audio	.wma, .asf, .wma	5 - 320 kbps, VBR	1, 2	8 kHz - 48 kHz
AAC	Advanced Audio Coding	.aac, .m4a, .m4b, .m4p, .m4r, .3gp, .mp4, .m4v, .mov	8 - 320 kbps, VBR	1, 2, 3, 4, 5, 6	8 kHz - 48 kHz
OGG	Ogg Vorbis	.ogg, .oga, .ogx	8 - 320 kbps, VBR	1, 2, 3, 4, 5, 6, 7, 8	8 kHz - 48 kHz
OPUS	Opus Interactive Audio Codec	.opus	6 - 510 kbps, VBR	1, 2, 3, 4, 5, 6, 7, 8	8 kHz - 48 kHz
WAV	Waveform Audio File Format	.wav	1411 kbps, CBR	1, 2	44.1 kHz
AIFF	Audio Interchange File Format	.aiff, .aifc, .aiff	1411 kbps, CBR	1, 2	44.1 kHz
AU	Sun Microsystems Audio	.au, .snd	1411 kbps, CBR	1, 2	44.1 kHz
MIDI	Musical Instrument Digital Interface	.mid, .midi, .rmi, .kar	8 kbps - 1411 kbps, CBR	1, 2	44.1 kHz
MP2	MPEG Audio Layer-2	.mp2	8 kbps - 320 kbps, CBR	1, 2	16 kHz - 48 kHz
AMR	Adaptive Multi-Rate	.amr	4.75 kbps - 12.2 kbps, CBR	1	8 kHz
FLAC	Free Lossless Audio Codec	.flac, .fla	1411 kbps, CBR	1, 2	44.1 kHz

Format	Extension	Bit rate	Channel	Sampling rate
APE	.ape, .mac	1411 kbps, CBR	1, 2	44.1 kHz
AIFC	.aifc, .aifc	1411 kbps, CBR	1, 2	44.1 kHz
DSD	.dsf, .dff	2822 kbps, CBR	1, 2	44.1 kHz

Troubleshooting

Q1 Why no sound comes out after connecting to the TV using ARC/Optical (Coaxial)?

A1:Please make sure your TV supports HDMI ARC/Optical output. Then go to "setting" in your TV (may vary due to different brand).

1) Setting > Sound > Select Speaker to: external speaker(HDMI ARC/Optical mode)/turn off TV Speaker;

2)Setting > Sound(audio) > Advanced Audio > Digital Audio Output > PCM Setting > Sound(audio) > audio output format > Turn off PCM/Dolby Output. Please select the correct input mode.

Q2 Why watching Netflix, Disney+, Amazon prime has no sound or noise, some shows have sound on Smart TV?

A2:If your TV is a smart TV, Apps like Netflix was set default audio output is Dolby and DTS for the movies, but this speaker does no support Dolby and DTS, so you will hear the crack sound or no sound, please kindly disable the Dolby and DTS on Netflix.

Q3 Why my wireless device cannot connect to the speaker?

A3: You have not enabled wireless on your device or the speaker.

A3:Maybe someone else has connected to your speaker already, at this time, you need to long press the Play/Pause button on the speaker for 3s to disconnect the wireless connection by force.

A3:When connecting wireless, try not to place routers and other devices near to the speaker.

Q3 Is this compatible with Fire TV/ Firestick?

A3:Yes, plug the Fire TV to the TV. And connect the TV using any input mode. If using HDMI ARC, please make sure you have followed our manual setting.