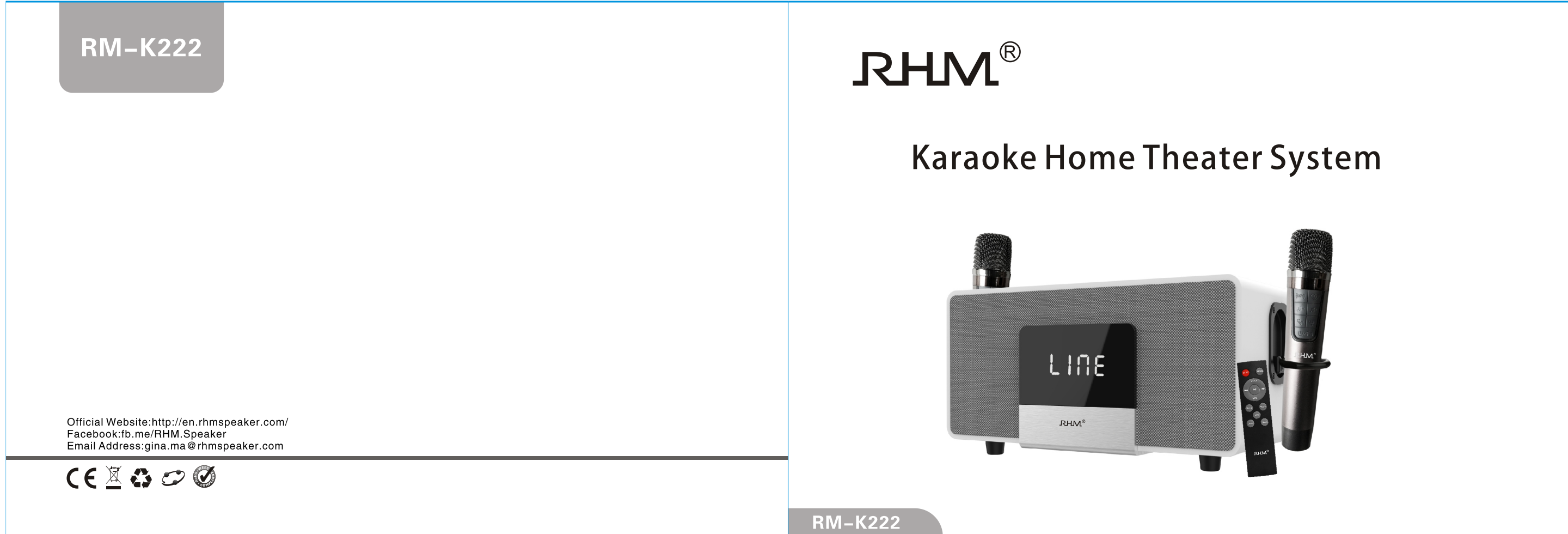


# RHM RM-K222(极洛)光纤/U段/遥控器功能 说明书



<b>Contents</b> Confirm that the following parts are included:  ( NOTE: If any part missing from the package, please contact us by Email or Facebook. ) <b>Safety Precaution &amp; Warnings</b> 1. Do not place the unit in hot, humid environment. Don't expose the device to any amount of water or rain. 2. Do not open the back cover in case of electric shock or other accidents. If maintenance is required, please contact our maintenance station or professional maintenance personnel. 3. If accidental dropping of metal or liquid into the machine, please cut off the power supply immediately and use it after professional inspection. 4. When the machine is not in use, please unplug the DC plug and remove the power plug from the power socket or turn off the battery power. 5. Equipment should not be exposed to water droplets or water splashes, and liquid-filled items such as vases should not be placed on the equipment. 6. With the power socket and appliance coupler as the disconnect device, the disconnect setting should be easy to operate. 7. Safe to use below 5000 meters above sea level. 8. Safe to use in the tropics. 9. Short press the power button of the unit to standby the machine. 10. Do not charge the microphones via the USB port of the karaoke machine, because it might damage the speaker. Please charge the microphones via socket directly. 11. Please charge the speaker & microphones once every 3 months if not used for a long time to protect the battery. <b>Product introduction</b> 1. This is a home karaoke machine on TV with 2 wireless microphones. 2. Support audio input mode such as Bluetooth, USB, Line in, Optical, PC, etc. 3. It can be used as Bluetooth music speaker, karaoke machine, home theater, party, teaching, meeting, etc. 4. It can be connected to a variety of devices such as phones, tablets, laptops, etc by Bluetooth. 5. Digital wireless microphone with button control function, convenient to control.  .01.	<b>RHM®</b> <b>Karaoke Home Theater System</b>  <b>RM-K222</b>  6. The speaker has a built-in professional DSP sound processor for reverberation and remixing. 7. The microphone is powered by a built-in 2000mA lithium battery. 8. The microphone will automatically shut off after periods of non-use. <b>Product Function &amp; Specification</b> 1. Support 2 digital wireless microphones Working distance: 10m/32.8ft Audio frequency response: 35Hz to 20KHz Delay: 13 ms-14ms Microphone Continuous working time: 6 Hours ( 2000mA lithium battery) Low power alert and automatic shutdown 2. Wireless Bluetooth connection works with all your favorite external device like iPhone, Android smart phone, iPad, TV, etc. Working distance: 10m/32.8ft Bluetooth 4.2, Support A2DP Automatically connect Bluetooth devices used last time 3. DSP reverberation and remix Digital human voice reverberation effect processing, 4 reverberation modes 4. beautifully sound modes (low/medium/high) 2 microphones can be used as handy remote control for volume, reverb and voice mixing which enhance the diversification will give you movement freedom to do your energetic performance. 4. Wooden speaker Speaker driver unit: 3 inch mid-high treble x2+6.5 inch bass Output power: mid high treble 15Wx2 + bass 40W Audio Frequency Response: 35Hz-20KHz Power supply: 19V, 3.42A DC power adapter (110-240V, 50Hz/60Hz)  .02.
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<b>Basic operation of the speaker:</b> 1. Plug the power adapter's output plug into the power input socket on the rear panel of the speaker. Turn on the power of the power adapter. 2. Press the  button on the panel, start up the machine. The Bluetooth mode is displayed. If it is flashing, it indicates that Bluetooth is in the search state. 3. Press the MODE button on the panel to select the play mode. 4. Short press the DSP button on the panel, the device will switch to < Music >, < KTV >, < Cinema >, < Classical > in different occasion. 5. Control the buttons on the panel as needed (refer to the instructions below for specific operations). 6. Unplug the power adapter to switch off the machine. 7. Power Indicator: The screen will show a white point after 3-5 seconds of plugging the adapter or short pressing the power button for the first time, which means the machine has entered standby mode. 8. Note: Do not leave your machine in standby mode for long periods of time (when you are away on a holiday, for example). A small amount of electric power is still consumed even when the power button is turned off. It is best to unplug the power cord.   Standby  Note: The picture is for reference only. Please refer to the actual product.  .03.	<b>Function panel introduction</b> 1. Standby Short press to standby the machine. If you would like to shut down the machine, please unplug the power adapter. 2. Mode After turning on the speaker, the unit will enter the Bluetooth mode directly. If you would like to switch other mode, press it and enter other mode. 3. Volume decrease button 4. Volume increase button 5. Previous track 6. Play / Pause 7. Next track 8. Bluetooth disconnect Press this button to disconnect the Bluetooth and enter Bluetooth pairing status. At the same time, the Bluetooth icon on the display is flashing. New devices can search RM-K222 to connect. 9. DSP Different occasion voice effect: Music, KTV, Cinema, Classical 10. LED display  <b>Standby operation</b> 1. When plugged into the power supply, The LED display will show "·", which means the machine is in the standby state, then press the power button on the remote control or on the machine to power it on, when you press the power button again, it will display "OFF" and then show "·". As entering the standby state. 2. The speaker will automatically enter a standby state to reduce power consumption if there without any operation or music playing for 30 minutes.  .04.
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<b>Switch input mode</b> Press the MODE button on the speaker panel The following input modes can be switched circularly: > Bluetooth > LINE > USB > OPT > PC The machine may cycle through all of the modes only when you connect all the connections. Press the Mode button multiple times to cycle through all available modes.  <b>Bluetooth Function</b> Bluetooth devices supported: Smart phones / tablets / laptops with Bluetooth function or other devices that support Bluetooth play function. Bluetooth Connection: Turn on the Bluetooth function of the Bluetooth device, search for the Bluetooth name: RM-K222. After connecting it, the speaker can play.   Display Status in Bluetooth Input Mode 1. Unconnected Bluetooth device – Bluetooth status indicator flashes 2. Connected Bluetooth device – Bluetooth status indicator is always on  1. If you would like to connect with a new Bluetooth device, press  button to disconnect the Bluetooth and enter Bluetooth pairing status. At the same time, the Bluetooth icon on the display is flashing. New devices can search RM-K222 to connect. 2. If you would like to connect the previous Bluetooth device, press the play / pause button on the speaker panel to connect back.  <b>USB Function</b>  After plugging in a USB flash, the speaker will automatically prioritize play music. If your USB flash is empty, the speaker will sound beeping.  .05.	<b>Line Function</b> Once switched to line in mode, it will be displayed on the LED screen:  Connect LINE in port of the back panel of the speaker and other audio play devices such as mobile phone/MP3 player/ computer with the attached 3.5mm audio connection line, and also connect to the headphone output port of the TV set.  <b>PC Function</b>  Use the Android data cable small USB port to insert the speaker PC port. The other section is plugged into the computer's USB port.  <b>Optical Function</b> An optical digital audio connection sends digital audio between devices.  An everyday use for this type of connection is the digital audio output on the back of your TV. If you get your TV transmissions via an internal tuner or a smart TV app, then you might want to send the audio from your TV into your home theater speaker system.  Most modern TVs have an optical audio output for this purpose. You connect the optical audio output on the rear of your TV to an optical input on your AV receiver or amplifier. By connecting this input to your smart TV, you can quickly improve the sound of your television.  .06.
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<b>The function of microphone</b>   1. Adjust echo level – Short press the button to adjust echo level. When adjust E1-E5, the display will show DSP icon. – E0: Echo off / E1: Echo low / E2: Echo middle / E3: Echo high / E4: Echo higher / E5: Echo highest – Long press the button to switch to Accompaniment function. The display will show VE icon. Long press it again to turn off the function. 2. Enhance your voice to "beautifully" your singing – Short press the button to enhance your voice. When adjust P1-P5, the display will show heart+voice icon. – (P0: Vocal EQ Off / P1-P5: Vocal EQ Mode) – Long press the button will light VC icon with no function. 3. Music volume decrease button – Short press the button to adjust the music volume decrease level. – Long press the button will display Key 0 – Key – 5 icon, lower the key to accompany music. 4. Music volume increase button – Short press the button to adjust the music volume increase level. – Long press the button will display Key 0 – Key 5 icon, higher the key to accompany music. 5. Microphone volume decrease button – Short press the button to adjust the microphone volume decrease level. 6. Microphone volume increase button – Short press the button to adjust the microphone volume increase level. 7. Power on / off of the microphone button – Short press the button to check the microphone's battery level. – Long press the button to turn on / off the microphone. – Holding "b/r" button & "l" / "r" button together to adjust the frequency (F0-F30) Normally, it is unnecessary to adjust the frequency unless interference in the environment. For example, the frequency of some equipment like your smart phone or WIFI router are the same as the microphone, the microphone will cut in / out, you can try to adjust the frequency to avoid it.)  .07.	<b>The operation of microphone</b> 1. The microphones has built in 2000mA rechargeable lithium battery. 2. Press the power button to turn on the microphone and you will know the mic power status. Display light will flash if the battery is in low power. 3. Long press the power button to turn on / off the microphone. Short press it and you will know the battery power level. The battery block will flash if it is low battery. 4. <b>warning</b> after singing, do not hold the end of the microphones (ant area), otherwise it will lose the signal transmission of the microphones. 5. <b>Troubleshooting</b> if the microphones disconnect to the speaker, please follow the below "pairing steps" to reconnect them again. <b>Pairing steps:</b> Two microphones have been paired at the beginning, so there is no needs for you to do any actions. If the microphones do not work, they might go wrong in connection. Or if a new is replaced, you might need to re-pair it before it works. (CHA is the mic 1, and CHB is the mic 2. Normally one of microphones is mic 1 and another is mic 2). If you find they are all mic 1 or all mic 2 when turning on, or one is mic 1 and another is mic 2, but one of them still can't work, please do following steps to reconnect. Both are all mic 1 or all mic 2, please follow the step 2 and step 3. One is mic 1 and another is mic 2, but one of them still can't work, please follow the step 1 and step 3. Step 1: 1. Short press the power button and unplug the power adapter to turn off the speaker. 2. Switch off two microphones. Hold the button "r" on one of the microphones. Then, press the button "b/r". You will see the microphone will turn to "r" or "l". 3. After that, one will be mic 1, another will be mic 2. If not, please try step 1 again. Step 2: 1. Short press the power button and unplug the power adapter to turn off the speaker. 2. Switch off one of microphones. Hold the button "r" on this microphone. Then, press the button "b/r". You will see the microphone will turn to "r" or "l". 3. After that, one will be mic 1, another will be mic 2. If not, please try step 2 again. Step 3: 1. Keep the mics on. Hold "r" button, then press "b/r" button on one of microphones until "r" or "l" starts to blink on the display, another one performs same operation. 2. Then plug the power adapter and short press the power button to turn on the speaker to complete the microphone code matching. (Please ensure two microphones keep blinking together until the speaker is turned on, otherwise, matching will fail and you should try the first step again). "r" And "l" will be showed on the LED display of the speaker after successful pairing.  Scan the QR code to get the tutorials video.  .08.
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<b>Remote control function description</b>  1. Standby: Short press to standby the machine. If you would like to shut down the machine, please unplug the power adapter. 2. Mode: Switch mode: LINE IN, USB, Bluetooth, PC, Optical 3. VOL+ 4. Press for previous track in USB and BT mode 5. When playing LINE, it can not work 6. Press for next track in USB and BT mode 7. VOL- 8. Normal mode 9. Music mode 10. KTV mode 11. Cinema mode 12. Classical mode  .09.	<b>Care and maintenance</b> How to clean: Turn the machine and microphones off. Unplug the machine's power cord and disconnect any AUX, PC cable, USB plug-ins. Gently wipe the outside of the machine using a clean, dry cloth. Keep all vents, buttons, and openings free of lint and dirt. Do not immerse the machine in water and do not use any harsh cleaners. 2. The battery should be placed indoors and dry place. 3. Power the speakers with 19V/3.42A power adapter. 4. To charge the wireless microphones: The microphone have charging port at the bottom of the mics. Using the USB cable to charge them. The battery block will flash while off. Short press the power button to check the battery power level. The mics battery take about 1.5 hours to be fully charged. Play time is around 6 hours. Please don't charge the microphone through the speaker USB port or it will hurt the machine and the microphone. You can just plug the cable into your computer or other smartphone adapters to charge them. 5. <b>Warn Warnings:</b> Keep away from the WIFI router and your smart phone to avoid any microphone cut in / out. Tips: Please don't hold the bottom of the microphone since it is the antenna position.  <b>Warranty</b> RHM guarantees one year warranty and 30 days hassle-free return. We provides lifetime technical support, please reach via email: gina.ma@rhmspeaker.com  .10.
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<b>COMMON PROBLEM SOLVING</b> <table><tr><th>Question</th><th>Solution</th></tr><tr><td>One of the microphones can't be connected to the karaoke machine.</td><td>Please try it refer to the page 8 of the user manual. Please contact us via email if the issue still can't be solved after trying.</td></tr><tr><td>The microphones go in and out with some noise.</td><td>Please try the following steps one by one: 1) Do not hold the bottom of the microphone as it may block the signal. 2) The microphones should be kept about 13FT away from wireless devices such as WIFI routers. 3) Holding "b/r" button &amp; "l" / "r" button together to adjust the frequency (F0-F30), because if the frequency of some equipment like your smart phone or WIFI router are the same as the microphone, the mic will cut in/out. 4) Pair microphones with the speaker again. (Please refer to the page 8 of the user manual).</td></tr><tr><td>The karaoke machine can't be turned off.</td><td>Short press the power button and then unplug the power adapter to turn off the karaoke machine. (Please don't long press the power button, otherwise the speaker can't be turned off)</td></tr><tr><td>The microphones can't be charged</td><td>Please contact us via email directly.</td></tr></table> .11.	Question	Solution	One of the microphones can't be connected to the karaoke machine.	Please try it refer to the page 8 of the user manual. Please contact us via email if the issue still can't be solved after trying.	The microphones go in and out with some noise.	Please try the following steps one by one: 1) Do not hold the bottom of the microphone as it may block the signal. 2) The microphones should be kept about 13FT away from wireless devices such as WIFI routers. 3) Holding "b/r" button & "l" / "r" button together to adjust the frequency (F0-F30), because if the frequency of some equipment like your smart phone or WIFI router are the same as the microphone, the mic will cut in/out. 4) Pair microphones with the speaker again. (Please refer to the page 8 of the user manual).	The karaoke machine can't be turned off.	Short press the power button and then unplug the power adapter to turn off the karaoke machine. (Please don't long press the power button, otherwise the speaker can't be turned off)	The microphones can't be charged	Please contact us via email directly.	<b>Note:</b> 1. Please keep the user manual, do not discard it casually. Any questions, please contact us via after-sales email: <a href="mailto:Gina.ma@rhmspeaker.com">Gina.ma@rhmspeaker.com</a> 2. Please scan the QR code and follow our YouTube. We will irregularly update troubleshooting videos.  .12.
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<b>FCC Warning</b> 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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.  .13.	
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