

# KM200



WIRELESS MICROPHONE SYSTEM  
无线麦克风系统

 **AKG**<sup>®</sup>  
by HARMAN

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# Symbols Used

The lightning flash with arrowpoint in an equilateral triangle means that there are dangerous voltages present within the equipment.



The exclamation point in an equilateral triangle on the equipment indicates that it is necessary for the user to refer to the User Manual.

In the User Manual, this symbol marks instructions that the user must follow to ensure safe operation of the equipment.



The “**i**” symbol marks important notes, hints, or explanations that make it easier to use the equipment.



When the product reaches the end of its life, separate the housing, electronics and cables and dispose of all components in accordance with local waste disposal regulations.



The packaging can be recycled. Dispose of the packaging in a suitable collection system.



Disclosure table for poisonous and harmful substances or elements of the name and content in Product:

## China-RoHS Declaration



PARTS	HAZARDOUS SUBSTANCE					
	Pb	Hg	Cd	Cr <sup>6+</sup>	PBB	PBDE
METAL PARTS	X	O	O	O	O	O
CABLES	X	O	O	O	O	O

“O”: Indicates that the concentration of the hazardous substance in homogeneous materials in the parts is below the relevant threshold of the SJ/T11363-2006 standard.

“X”: Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T11363-2006 standard.

# Important Safety Information



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



## SAFETY

1. Read and keep these instructions.
2. Heed and follow all warnings.
3. Do not use this apparatus near water.
4. Clean only with a dry cloth.
5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
7. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
8. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Only use attachments/accessories specified by the manufacturer.
10. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. Use the mains plug to disconnect the apparatus from the mains.
14. **WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.**
15. **DO NOT EXPOSE THIS EQUIPMENT TO DRIPPING OR SPLASHING AND ENSURE THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, ARE PLACED ON THE EQUIPMENT.**
16. **THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE.**



**WARNING**

TO PREVENT ELECTRIC SHOCK DO NOT REMOVE TOP OR BOTTOM COVERS. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



**WARNING**

TO COMPLETELY DISCONNECT THIS EQUIPMENT FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE. THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE.



**WARNING**

TO REDUCE THE RISK OF ELECTRIC SHOCK, GROUNDING OF THE CENTER PIN OF THE PLUG MUST BE MAINTAINED.



**WARNING**

REPLACE FUSE WITH SAME TYPE FUSE AND RATING.

## KM200 System

### General

AKG KM200 is a wireless microphone system designed specially for Karaoke application. Its' working bandwidth is on UHF with AKG classic wireless circuit to ensure the reliable transmission stability & sound quality. KM200 has 200 frequency band for option, to avoid the interference between the different rooms in the Karaoke Club. Leading Hopping Technology allows auto scan for clean frequency band. Advanced infrared technology, provides easy & quick setup.

- Make sure the grounding cable should be connected to the earth before connecting the input and output of this system, avoiding any risk of electric shock.
- To avoid data loss or corruption, malfunctioning, or damage to the system, never make any changes to the wiring or operate any control on any system component, or disconnect the system from power while a software update is in progress.
- To avoid damage to any system component, do not lay, connect, or disconnect any cables while power to the system is on. Always disconnect the entire system from power before making any changes to the wiring.
- Custom wiring should only be performed by qualified personnel.



**CAUTION**

# KM200 System

## Features

- UHF frequency band, avoiding interference and reliable transmission stability;
- 200 frequency band option, multi-system use capable;
- Advanced hopping technology;
- Infrared technology for easy & quick setup;
- Anti-collision protection;
- 2 level transmission power option to different application;
- Receiver front panel lock-up function, to avoid mistaken operation;

## Unpack the system

AKG KM200 is consisted by 1 x SR200 wireless receiver and 2 x HT200 handhold wireless transmitters. The system is working on UHF frequency range and provides 200 frequency band option. Within the box, diverse installation accessories were provided, to satisfy the different application. 2 x SR200 together are able to mount on a standard rack.

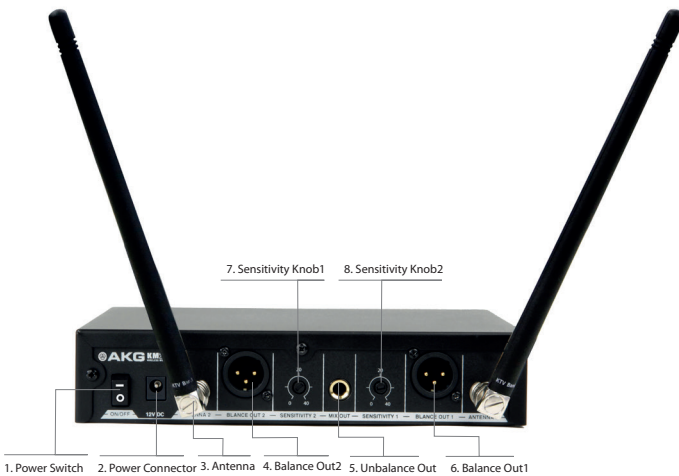
	<ul style="list-style-type: none"><li>• SR200 x 1 Receiver</li></ul>		<ul style="list-style-type: none"><li>• Audio Cable x 1 Connecting SR200 to Amplifier</li></ul>
	<ul style="list-style-type: none"><li>• HT200 x 2 Transmitter</li></ul>		<ul style="list-style-type: none"><li>• Power Supply x 1 For SR200 Receiver</li></ul>
	<ul style="list-style-type: none"><li>• Antenna x 2 Connecting to the SR200 Receiver</li></ul>		<ul style="list-style-type: none"><li>• Rack-mount Bracket x 1</li></ul>
	<ul style="list-style-type: none"><li>• Anti-Rolling Ring x 2</li></ul>		<ul style="list-style-type: none"><li>• Connection Bracket x 1 Connecting 2pcs SR200 for rack mount</li></ul>

### SR200 Wireless Receiver Front Panel



- |   |   |
|---|---|
| <p>1. Output Gain Control: for output gain adjustment.</p> <p>2. Down Navigation Key: selection Navigation.</p> <p>3. Function Key: press to confirm the selection.</p> | <p>4. IR Sensor: for Infrared communication with transceiver.</p> <p>5. LCD Screen: display the current information.</p> <p>6. Up Navigation Key: selection Navigation.</p> |
|---|---|

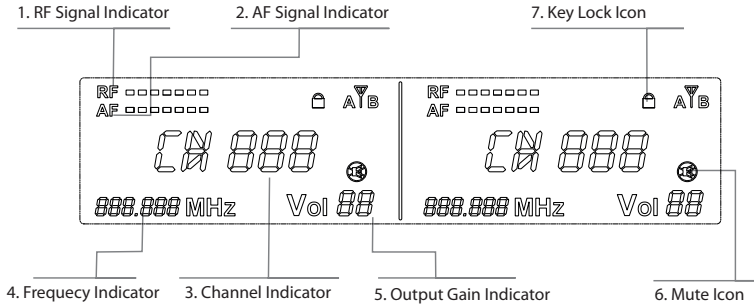
### SR200 Wireless Receiver Rear Panel



- |   |  |
|---|--|
| <p>1. Power Switch: power on/off.</p> <p>2. Power Connector: connect to power supply.</p> <p>3. Antenna: UHF antenna.</p> <p>4. Balance Out2: XLR balance output.</p> | <p>5. Unbalance Out: mix output.</p> <p>6. Balance Out1: XLR balance output.</p> <p>7. Sensitivity Knob1: for channel 1 sensitivity adjustment.</p> <p>8. Sensitivity Knob1: for channel 2 sensitivity adjustment.</p> |
|---|--|

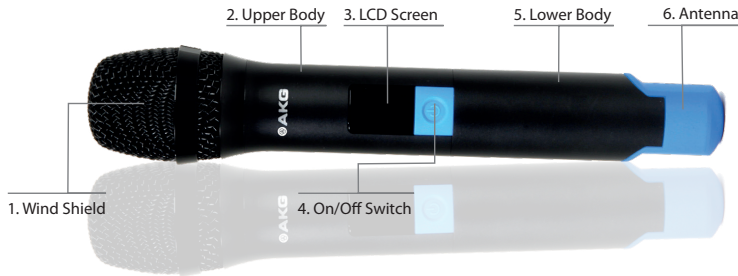
# KM200 System

## SR200 Wireless Receiver LCD Display



1. RF Signal Indicator: show current RF signal status
2. AF Signal Indicator: show current audio signal status
3. Channel Indicator: show current using channel
4. Frequency Indicator: show current working frequency
5. Output Gain Indicator: show current output gain
6. Mute Icon: indicate the system is muted
7. Key Lock Icon: Indicate that all the button on the front panel are locked except output gain control

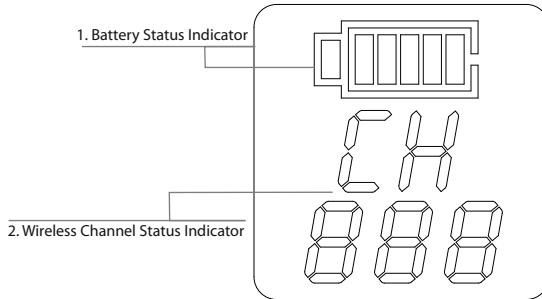
## HT200 Wireless Transmitter



1. Wind Shield: protect the microphone capsule inside.
2. Upper Body: together with lower Body to form the hand-hold and battery compartment.
3. LCD Screen: show the battery & wireless channel information.
4. On/Off Switch: power on/off the Transmitter.
5. Lower Body: together with upper Body to form the hand-hold and battery compartment.
6. Antenna: wireless connection with receiver.



## HT200 Wireless Transmitter LCD Display



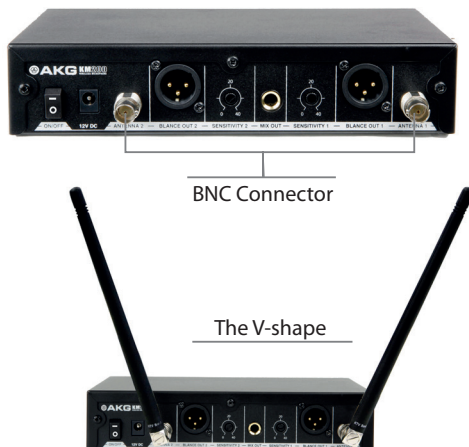
1. Battery Status Indicator: indicate the battery status.
2. Wireless Channel Status Indicator: indicate the current using wireless channel.

## System Operation

### SR200 Installation

#### 1. Antenna Installation

Screw up the 2 antennas on the BNC connectors of the receiver rear panel. Adjust the angel between the 2 antennas to make a V-shape as shown on below pictures:



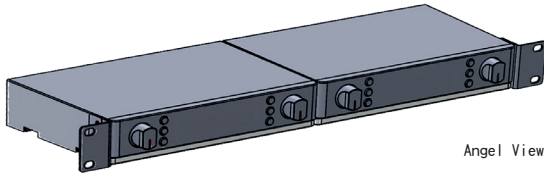
# KM200 System

## 2. Rack Installation

AKG has provided the rack installation accessories for KM200, customers are able to combine 2pcs of SR200 with the provided accessories and install them in the rack as below:



Front View



Angle View

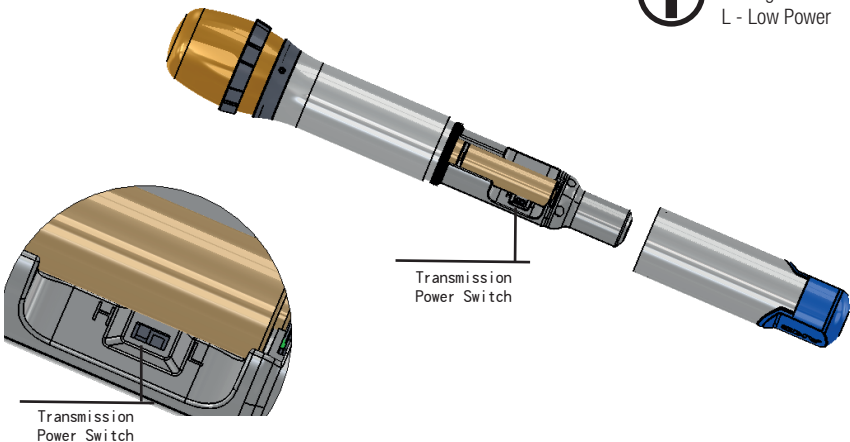
## HT200 Installation

### Battery Installation

1. Screw down the Lower Body of the handhold, you will see the battery compartment.
2. Insert 2pcs of AA battery based on the +/- indication on the compartment.
3. Select the proper RF power rating by the switch beside the battery compartment, there are "H" & "L" 2 selectable power rating option.




Switch Selection:  
H - High Power  
L - Low Power

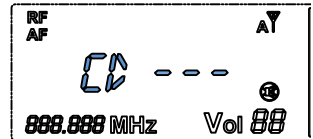
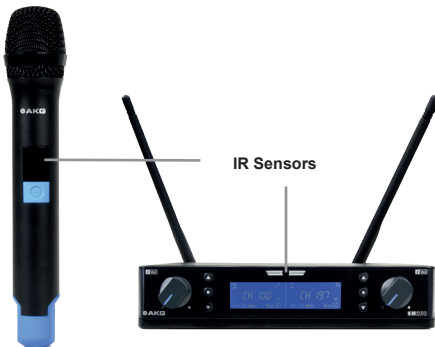


## SETUP The System


Setup the Working Frequency

### 1. Setup Manually

- Press the "Up/Down Navigation Key" on the SR200 to select the RF channel you would like to use;
- Power on the HT200 and aiming the IR sensor on the HT200 to the SR200 IR sensor position;
- Long Press "Up Navigation Key" on the SR200 for 3 seconds, and the LCD screen will display "  --- " and start blinking, it means under channel synchronization process.
- While the synchronization process is done, the channel on HT200 will be adjusted to the same as on SR200, and the RF indicator will be on.



### 2. Setup Automatically

- Press the "Function Key" on the SR200, and the LCD screen will display "CH SCA";
- Press the "Up/Down Navigation Key" to activate the scan process, SR200 will scan the 1st 50 channels for clean channel, while the clean channel is found, SR200 will stop scanning and display this Clean Channel, if no clean channel found, SR200 will stop and standby, waiting for the user to press "Up/Down Navigation Key" to activate the scan process for next 50 channels (ie, every 50 channel scan, SR200 will stop and stand by for activation for next 50 channel scan);
- Power on the HT200 and aiming the IR sensor on the HT200 to the SR200 IR sensor position;
- Long Press "Up Navigation Key" on the SR200 for 3 seconds, and the LCD screen will display "  --- " and start blinking, it means under channel synchronization process.
- While the synchronization process is done, the channel on HT200 will be adjusted to the same as on SR200, and the RF indicator will be on.



# KM200 System

## 3. Lock the Key Panel

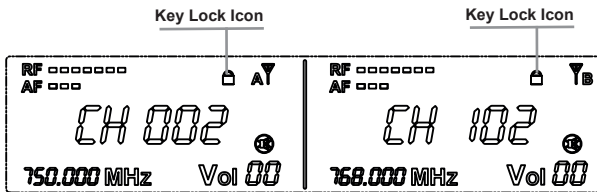
While the setup process is done, you may lock-up the keys on the SR200 to prevent mistake operation.

### To lock-up the key panel:

- Long press the “Function” key over 3 seconds;
- Then the key lock icon will be illuminated on the LCD screen, and now the keys are locked-up.

### To unlock the key panel:

- Long press the “Function” key over 3 seconds;
- Then the key lock icon on the LCD screen will disappear, and now the keys are successfully unlocked.



## 4. Mute the Channel

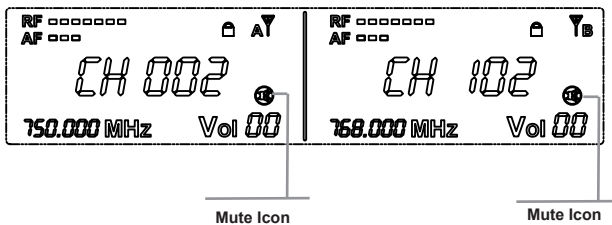
You may also mute the channel from the SR200 front panel.

### To mute the channel:

- Long press the “Down” key of the channel over 3 seconds;
- Then the mute icon will be illuminated on the LCD screen, and now the related channel is muted.

### To unmute the channel:

- Long press the “Down” key over 3 seconds;
- Then the mute icon on the LCD screen will disappear, and now the related channel is recovered from mute.



## Specification

	HT200	SR200
<b>Carrier frequencies</b>	740-770 MHz	740-770 MHz
<b>Switching band width up to</b>	30 MHz	30 MHz
<b>Modulation</b>	FM	FM
<b>Audio transmission bandwidth</b>	50 - 18,000 Hz	50 - 18,000 Hz
<b>Total harmonic distortion at 1 kHz</b>	typ. $\leq 0.8\%$	typ. $\leq 0.8\%$
<b>Signal/S/N ratio</b>	typ. 105 dB(A)	typ. 105 dB(A)
<b>Transmission power</b>	10 mW, 5 mW	-
<b>Voltage supply</b>	2 x 1.5 V battery size AA	Power supply unit 12 V / 500 mA
<b>Operating time</b>	$\geq 8$ hr	-
<b>Audio output</b>	-	XLR symmetric and 6.3 mm jack plug asymmetric: Adjustable from microphone to line level. Output level at rated travel: 550 mV eff.
<b>Dimensions</b>	$\Phi 35$ x 250 mm	210 x 194 x 43 mm
<b>Packaging Dimensions</b>	428 (L) x 332 (W) x 77 (H) mm	
<b>Shipping Weight</b>	2500g	

## Trouble Shooting

Problem	Possible cause	Remedy
<b>No sound</b>	AC adapter is not connected to receiver and/or power outlet.	Connect AC adapter to receiver and/or power outlet.
	Receiver is OFF.	Push ON/OFF switch to switch receiver ON.
	Receiver is not connected to mixer or amplifier.	Connect receiver output to mixer or amplifier input.
	Output Gain control on receiver is at zero.	Turn up Output Gain control.
	Transmitter has a different frequency range or is tuned to a different frequency from the receiver.	Use a transmitter with the same frequency range as the receiver or tune both to the same frequency.
	Transmitter on/off switch is at "OFF" or "MUTE".	Set transmitter on/off switch to "ON".
	Transmitter batteries are not inserted properly.	Insert batteries conforming to "+" and "-" marks.
	Transmitter batteries are flat.	Replace transmitter batteries.
	Transmitter is too far away from receiver.	Move closer to receiver.
	Obstructions between transmitter and receiver.	Remove obstructions.
	No line of sight between transmitter and receiver.	Avoid spots where you cannot see receiver.
	Receiver is too close to metal objects.	Remove interfering objects or move receiver away from them.
<b>Noise, crackling, unwanted signals</b>	Antenna position.	Move receiver to a different location.
	Interference from other wireless systems, TV, radio, walkie-talkies, or defective electrical appliances or installations.	Switch off interference sources or defective appliances or use a KM200 tuned to a different frequency; have electrical installation checked.
<b>Distortion</b>	GAIN control is set too high or too low.	Turn GAIN control up or down until distortion goes away.
	Interference from other wireless systems, TV, radio, walkie-talkies, or defective electrical appliances or installations.	Switch off interference sources or defective appliances or use a KM200 tuned to a different frequency; have electrical installation checked.
	Antenna position.	Move receiver to a different location. If dead spots persist, mark and avoid them.

# KM200 System

## Channel Number vs Frequency

25	750.800	50	746.900	75	743.450	100	754.700	125	766.950	150	762.050	175	758.600	200	769.850
24	750.350	49	746.450	74	743.000	99	754.250	124	766.500	149	761.600	174	758.150	199	769.400
23	749.900	48	746.000	76	742.550	98	753.800	123	766.050	148	761.150	176	757.700	198	768.950
22	749.450	47	745.550	75	742.100	97	753.350	122	764.600	147	760.700	175	757.250	197	768.500
21	749.000	46	745.100	74	741.650	96	752.900	121	764.150	146	760.250	174	756.800	196	768.050
20	748.550	45	744.650	70	741.200	95	752.450	120	763.700	145	759.800	170	756.350	195	767.600
19	748.100	44	744.200	69	740.750	94	752.000	119	763.250	144	759.350	169	755.900	194	767.150
18	747.650	43	743.750	68	740.300	93	751.550	118	762.800	143	758.900	168	755.450	193	766.700
17	747.200	42	743.300	67	739.850	92	751.100	117	762.350	142	758.450	167	754.900	192	766.250
16	746.750	41	742.850	66	739.400	91	750.650	116	761.900	141	758.000	166	754.450	191	765.800
15	746.300	40	742.400	65	738.950	90	750.200	115	761.450	140	757.550	165	754.000	190	765.350
14	745.850	39	741.950	64	738.500	89	749.750	114	761.000	139	757.100	164	753.550	189	764.900
13	745.400	38	741.500	63	738.050	88	749.300	113	760.550	138	756.650	163	753.100	188	764.450
12	744.950	37	741.050	62	737.600	87	748.850	112	760.100	137	756.200	162	752.650	187	764.000
11	744.500	36	740.600	61	737.150	86	748.400	111	759.650	136	755.750	161	752.200	186	763.550
10	744.050	35	740.150	60	736.700	85	747.950	110	759.200	135	755.300	160	751.750	185	763.100
9	743.600	34	739.700	59	736.250	84	747.500	109	758.750	134	740.000	159	751.300	184	762.650
8	743.150	33	739.250	58	735.800	83	747.050	108	758.300	133	739.550	158	750.850	183	762.200
7	742.700	32	738.800	57	735.350	82	746.600	107	757.850	132	739.100	157	750.400	182	761.750
6	742.250	31	738.350	56	734.900	81	746.150	106	757.400	131	738.650	156	749.950	181	761.300
5	741.800	30	737.900	55	734.450	80	745.700	105	756.950	130	738.200	155	749.500	180	760.850
4	741.350	29	737.450	54	734.000	79	745.250	104	756.500	129	737.750	154	749.050	179	760.400
3	740.900	28	737.000	53	733.550	78	744.800	103	756.050	128	737.300	153	748.600	178	759.950
2	740.450	27	736.550	52	733.100	77	744.350	102	755.600	127	736.850	152	748.150	177	759.500
1	740.000	26	736.100	51	732.650	76	743.900	101	755.150	126	736.400	151	747.700	176	759.050

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# 符号说明

说明书和设备上都使用了符号，指出可能对用户或他人造成的伤害以及财产受损的风险，以便您能够安全、正确地使用设备。指示及其含义如下。请确保在阅读说明书之前正确理解这些符号的警示。

提醒使用者设备内出现的未绝缘危险电压可能使人遭受电击。



此为A级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对干扰采取切实可行的措施。



表示可能导致操作或设置不成功的内容及一些需要注意的相关信息。



如果您需要丢弃本产品，请勿将其与一般家居废品混放。对于电子产品的废弃，请遵循当地电子电气设备废弃物指令正确处理、恢复和回收，将废弃产品统一回收到独立的回收系统。



该产品包装可循环再用。如果您要丢弃该包装，请统一回收到适当的回收系统。



产品中有毒有害物质或元素的名称及含量：

中国RoHS声明

部件名称 (PARTS)	有毒有害物质或元素 (HAZARDOUS SUBSTANCE)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr <sup>6+</sup> )	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 (METAL PARTS)	X	○	○	○	○	○
线材 (CABLES)	X	○	○	○	○	○



“○”：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006标准规定的限量要求以下。

“X”：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求。



# 重要安全信息



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



## 安全操作

1. 阅读本手册。
2. 保留本手册。
3. 留意所有的警告。
4. 遵守本手册中的所有操作说明。
5. 不要在近水区域使用本产品。
6. 仅用于布清洁擦拭本产品。
7. 不要阻挡任何通风口，并严格按照制造商提供的操作说明进行安装。
8. 不要靠近任何热源安装，比如散热器、电热器、火炉或者其他产生热量的设备（包括功放）。
9. 不要破坏具有安全功效的极性插头或者接地式插头。极性插头有两个插片，一个宽，一个窄。接地式插头有两个插片和一个接地针，其中宽插片或者接地针是用来保障您的安全的。如果所提供的插头不适合您的插座，请咨询联系电工更换适合的插座。
10. 保护电源线。避免电源线被踩踏或者被捻搓。特别注意保护在插头、便捷插座和电源线接出设备处的电源线。
11. 仅使用制造商指定的附件或选件。
12. 仅使用制造商指定的或者随本产品一同出售的载车、支架、三角架、托架或者工作台。在使用推车运输设备时，特别注意推车及设备，避免其翻倒造成伤害。
13. 在有雷电时或者长时间不使用本设备时，请拔掉插头。
14. 所有维修服务必须由有资格的维修人员提供。当设备受到任何形式的损坏时，比如电源线或者插头被损坏，液体或者异物掉入设备，遭受雨淋或受潮，不能正常工作，以及被摔碰等情况，都需要维修。
15. 警告：为了减小起火或者电击的风险，不要让设备遭受雨淋或者受潮。
16. 不要将设备放置在容易遭受滴漏或者喷洒的地方。例如，不要将装有液体的物品，比如花瓶等放到设备上。



## 电击提示

为了避免电击，请不要拆卸设备。设备内部无用户可以自行维护的部件。请向有资格的服务人员咨询。



## 电击提示

要完全断开此设备与交流电主线的连接，请把电源线插头从交流电插座中拔出。需要连接电源时，可再次将电源线插头插入交流电插座。



## 电击提示

为避免电击危险，务必使用插头的接地针脚，切勿移除。



## 电击提示

更换保险丝时，务必使用同类型同功率的保险丝。

# KM200无线麦克风系统

## 概述

AKG KM200是专门针对KTV房间应用而设计的无线麦克风，其工作在UHF超高频段，采用了AKG经典的无线发射和接收线路设计，确保传输更稳定，音质更完美。KM200提供200个可选频道，可满足KTV娱乐场所内多套同时使用无干扰。拥有领先的自动扫频技术，一键即可搜索环境中干净的频点。先进的红外对频技术，使设置更轻松，快速，简单。

- 本产品通过电源线的接地导线接地，为避免电击，必须将接地导线与大地相连，在对本产品的输入端或输出端进行连接之前，请务必将本产品正确接地。
- 为避免数据遗失和失误及系统故障和损坏，请勿擅自更改连接线路，使用任何系统组件对其进行操控，或在进行软件更新时断开系统电源。
- 为避免对系统组件造成任何损坏，请勿在系统通电状态下，铺设、连接或断开任何线缆。在对系统连线前，请务必确保已断开系统的电源连接。
- 此设备的接线工作必须由专业人员或经过培训的人员进行操作。



警告

## 产品特点：

- UHF频段，避免干扰，传输更稳定
- 提供200个可选频道，满足多套系统同时使用
- 采用先进的自动扫频技术
- 红外对频技术，实现快速对频
- 防碰撞保护功能
- 手持发射机发射功率两档可调，满足不同应用需求
- 接收机面板锁键功能，避免使用误操作

## 打开包装

AKG KM200 由一台SR200无线接收机和两只HT200手持无线麦克风组成。系统工作在UHF频率范围，提供200个可选通道。KM200包装内提供了丰富的安装支架，用户可以根据需要选择使用，两台SR200无线接收机可以组合安装在标准机柜上。

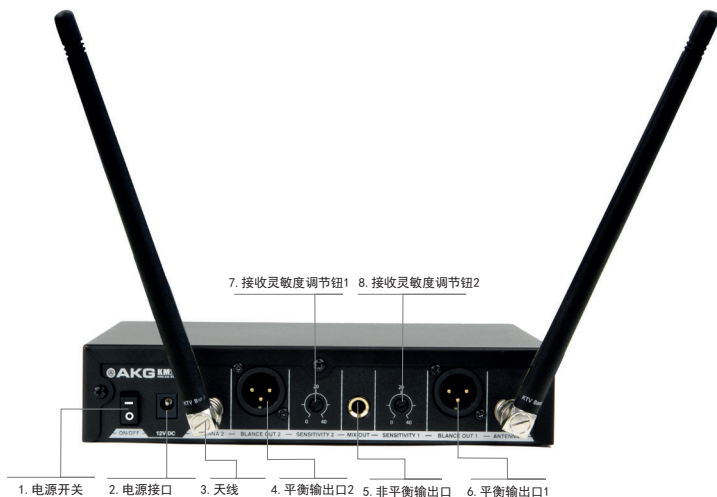
	<ul style="list-style-type: none"> <li>· SR200 x 1 接收机</li> </ul>		<ul style="list-style-type: none"> <li>· 音频线 x 1 连接SR200接收机至功放</li> </ul>
	<ul style="list-style-type: none"> <li>· HT200 x 2 发射机</li> </ul>		<ul style="list-style-type: none"> <li>· 电源适配器 x 1 为SR200供电</li> </ul>
	<ul style="list-style-type: none"> <li>· 天线 x 2 连接SR200接收机</li> </ul>		<ul style="list-style-type: none"> <li>· 机柜安装附件 x 1</li> </ul>
	<ul style="list-style-type: none"> <li>· 防滚环 x 2</li> </ul>		<ul style="list-style-type: none"> <li>· 连接垫片 x 1 连接两台SR200进行机柜安装</li> </ul>

### SR200无线接收机前面板



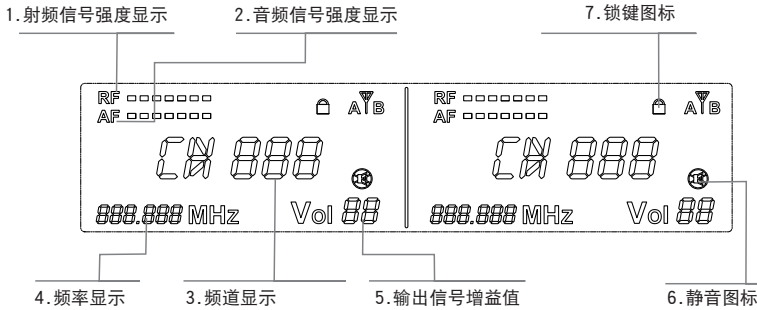
1. 输出增益控制旋钮：用于输出增益调节
2. 向下导航键：用于选择导航菜单
3. 功能键：确认选择
4. 红外线通讯头：与发射机红外线口对接通讯
5. LCD屏：显示目前状态信息
6. 向上导航键：用于选择导航菜单

### SR200无线接收机后面板



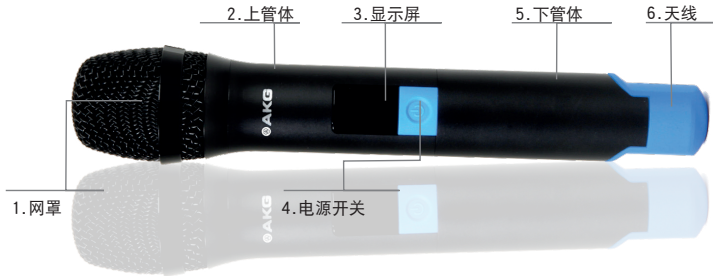
1. 电源开关：接收机电源开关
2. 电源接口：外接电源适配器
3. 天线：UHF波段天线
4. 平衡输出2：第二通道XLR平衡信号输出
5. 非平衡输出：混合信号输出
6. 平衡输出1：第一通道XLR平衡信号输出
7. 灵敏度旋钮1：第一通道灵敏度调节
8. 灵敏度旋钮2：第二通道灵敏度调节

## SR200无线接收机LCD屏



- |                        |                                  |
|------------------------|----------------------------------|
| 1. 射频信号强度显示：显示目前射频信号强度 | 5. 输出信号增益值：目前输出信号增益              |
| 2. 音频信号强度显示：显示目前音频信号强度 | 6. 静音图标：表示系统处于静音状态               |
| 3. 频道显示：显示目前所占频道       | 7. 锁键图标：表示系统除音量旋钮可调以外，其余按键处于锁定状态 |
| 4. 频率显示：目前频道所使用频率      |                                  |

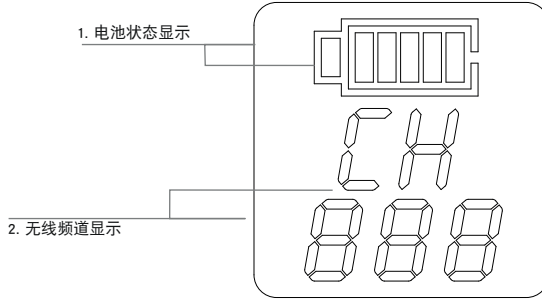
## HT200无线发射机



- |                        |                        |
|------------------------|------------------------|
| 1. 网罩：保护里面的拾音头         | 4. 电源开关：开启与关闭发射机       |
| 2. 上管体：与下管体一同进行电池仓与手持杆 | 5. 下管体：与上管体一同进行电池仓与手持杆 |
| 3. LCD屏：显示电池与频道信息      | 6. 天线：无线通讯             |

# KM200系统

## HT200无线发射机LCD屏



1. 电池状态显示：显示电池电量
2. 无线频道显示：显示目前使用频道

## 系统操作

### SR200安装指引

#### 1. 天线的安装

将两根可拆卸天线安装于接收机背板的BNC接头之上，旋紧卡住。调整两根天线的角度，以呈“V”字型。如下图：

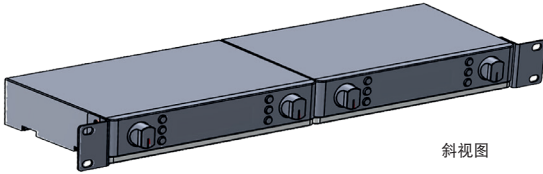


## 2. 机柜安装

AKG KM200提供了可供机柜安装的配件，用户可根据需要将两台KM200接收机组合安装于机柜之中。如下图所示：



正面安装图

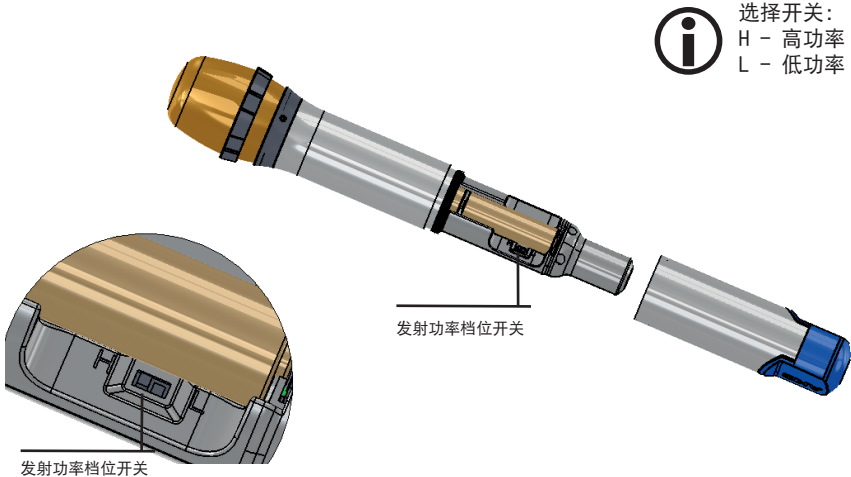


斜视图

## HT200安装指引

### 电池安装

1. 旋开发射机下管体，即可看见电池仓；
2. 按标示装入两节5号AA电池，并确认电池正负极安装正确；
3. 选择合适的发射功率。通过位于电池仓旁边的开关，选择发射器的发射功率，共有高低两档可选。




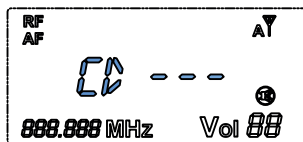
# KM200系统

## 系统设置


### 设置工作频道

#### 1. 手动设置

- 在SR200前面板上按“上/下”导航键选择需要的RF频道；
- 打开HT200并将显示屏位置对准SR200红外线通讯头位置；
- 长按SR200的向上导航键3秒钟，此时LCD显示屏会显示“ ---”字样并闪烁，表示系统正在进行红外线对频；
- 红外线对屏成功后，HT200上的频道将会自动调到与SR200一致，RF信号条点亮。



#### 2. 自动设置

- 按下SR200前面板上的功能键，LCD屏会显示“CH SCA”字样；
- 按上/下导航键开启自动扫频程序，SR200会自动在50个信道里搜索干净信道。如果找到干净信道，则SR200会停止扫描并显示此干净信道；如果找不到干净信道，SR200会回到扫描状态，等待用户按“向上键”或“向下键”继续扫描（即每扫50个信道后，如果没有找到干净信道，SR200会暂停，需用户手动启用扫描功能继续扫描）；
- 打开HT200并将显示屏位置对准SR200红外线通讯头位置；
- 长按SR200的向上导航键3秒钟，此时LCD显示屏会显示“ ---”字样并闪烁，表示系统正在进行红外线对频；
- 红外线对屏成功后，HT200上的频道将会自动调到与SR200一致，RF信号条点亮。





### 3. 面板按键上锁

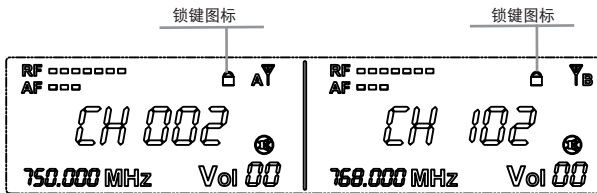
当频率设置完成后，您可以锁上SR200前面板的按键功能，以防止误操作

#### 按键上锁：

- 长按“功能”键3秒钟；
- 此时LCD屏幕上方的锁键图标会点亮并闪烁，这时前面板上的按键已经上锁

#### 按键解锁：

- 长按“功能”键3秒钟；
- 此时LCD屏幕上方的锁键图标会消失，这时前面板上的按键已经解锁



### 4. 通道静音

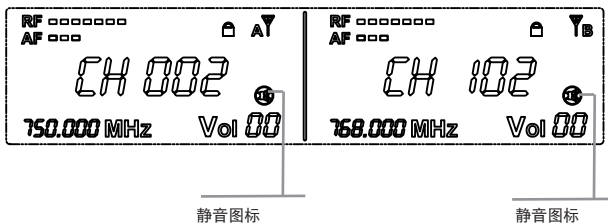
你还可以在SR200前面板上设置通道静音

#### 设置静音：

- 长按“向下导航键”键3秒钟；
- 此时LCD屏幕上方的静音图标会点亮并闪烁，此时该通道已静音；

#### 取消静音：

- 长按“向下导航键”键3秒钟；
- 此时LCD屏幕上方的静音图标会消失，此时该通道已恢复音量；



# KM200系统

## 规格参数

	HT200	SR200
载波频率	740-770 MHz	740-770 MHz
载波带宽	30 MHz	30 MHz
调制	FM	FM
音频响应范围	50 - 18,000 Hz	50 - 18,000 Hz
THD @ 1 kHz	typ. ≤ 0.8%	typ. ≤ 0.8%
信噪比	typ. 105 dB(A)	typ. 105 dB(A)
发射功率	10 mW, 5 mW	-
供电电压	2 x 1.5 V 5号电池	电源适配器 12 V / 500 mA
工作时间	≥ 8 hr	-
音频输出	-	XLR平衡输出、6.3mm非平衡输出：可从话筒转为线路电平。额定行程输出电平：500 mV eff.
尺寸	Φ 35 x 250 mm	210 x 194 x 43 mm
包装尺寸	428 (L) x 332 (W) x 77 (H) mm	
包装重量	2500g	

## 常见问题

问题	可能的原因	纠正措施
没声音	交流电适配器未连接到接收器和/或电源插座。	将交流电适配器连接到接收器和/或电源插座。
	接收器已关闭。	按通断开关以打开接收器。
	接收器未连接到调音台或功放。	将接收器输出连接到调音台或功放的输入。
	接收器上的增益控件处于零位置。	调高系统增益。
	发射器具有不同的频率范围或被调谐到与接收器不同的频率。	使用与接收器相同频率范围的发射器，或将此二者调谐到相同频率。
	发射器通断开关处于“关”或“静音”。	将发射器通断开关设置为“开”。
	发射器电池未正确装入。	按照“+”和“-”标记装入电池。
	发射器电池电量用完了。	更换发射器电池。
	发射器离接收器太远。	将发射器靠近接收器。
	发射器和接收器之间有障碍物。	拿开障碍物。
	发射器和接收器之间没有视距。	避免无法看到接收器的区域。
	接收器太靠近金属物体。	拿开干扰物或让接收器避开它们。
噪声、爆裂声或多余的信号	天线位置。	将接收器移动到其他位置。
	来自其他无线系统、电视、收音机、步话机或有缺陷的电器或设施的干扰。	关闭干扰源或有缺陷的设备，或使用调谐到KM200其他频率；检查电气设施。
失真	增益控件设置得太高或太低。	调高或调低增益控件，直到失真消失为止。
	来自其他无线系统、电视、收音机、步话机或有缺陷的电器或设施的干扰。	关闭干扰源或有缺陷的设备，或使用调谐到KM200其他频率；检查电气设施。
	天线位置。	将接收器移动到其他位置。 如果非灵敏区持续存在，标记它们并予避免。

## 频道与频率对照表

CH	FREQ	CH	FREQ	CH	FREQ	CH	FREQ	CH	FREQ	CH	FREQ	CH	FREQ	CH	FREQ	CH	FREQ	CH	FREQ
1	740,000	28	751,250	51	747,350	76	743,900	101	755,190	126	766,400	151	762,500	176	759,050				
2	740,450	27	751,700	52	747,800	77	744,350	102	755,600	127	766,850	152	762,950	177	759,500				
3	740,900	28	752,150	53	748,250	78	744,800	103	756,050	128	767,300	153	763,400	178	759,950				
4	741,350	29	752,600	54	748,700	79	745,250	104	756,500	129	767,750	154	763,850	179	760,400				
5	741,800	30	753,050	55	749,150	80	745,700	105	756,950	130	768,200	155	764,300	180	760,850				
6	742,250	31	753,500	56	749,600	81	746,150	106	757,400	131	768,650	156	764,750	181	761,300				
7	742,700	32	753,950	57	750,050	82	746,600	107	757,850	132	769,100	157	765,200	182	761,750				
8	743,150	33	754,400	58	750,500	83	747,050	108	758,300	133	769,550	158	765,650	183	762,200				
9	743,600	34	754,850	59	750,950	84	747,500	109	758,750	134	740,000	159	766,100	184	762,650				
10	744,050	35	740,150	60	751,400	85	747,950	110	759,200	135	755,300	160	766,550	185	763,100				
11	744,500	36	740,600	61	751,850	86	748,400	111	759,650	136	755,750	161	767,000	186	763,550				
12	744,950	37	741,050	62	752,300	87	748,850	112	760,100	137	756,200	162	767,450	187	764,000				
13	745,400	38	741,500	63	752,750	88	749,300	113	760,550	138	756,650	163	767,900	188	764,450				
14	745,850	39	741,950	64	753,200	89	749,750	114	761,000	139	757,100	164	768,350	189	764,900				
15	746,300	40	742,400	65	753,650	90	750,200	115	761,450	140	757,550	165	768,800	190	765,350				
16	746,750	41	742,850	66	754,100	91	750,650	116	761,900	141	758,000	166	769,250	191	765,800				
17	747,200	42	743,300	67	754,550	92	751,100	117	762,350	142	758,450	167	769,700	192	766,250				
18	747,650	43	743,750	68	740,300	93	751,550	118	762,800	143	758,900	168	755,450	193	766,700				
19	748,100	44	744,200	69	740,750	94	752,000	119	763,250	144	759,350	169	755,900	194	767,150				
20	748,550	45	744,650	70	741,200	95	752,450	120	763,700	145	759,800	170	756,350	195	767,600				
21	749,000	46	745,100	74	741,650	96	752,900	121	764,150	146	760,250	174	756,800	196	768,050				
22	749,450	47	745,550	75	742,100	97	753,350	122	764,600	147	760,700	175	757,250	197	768,500				
23	749,900	48	746,000	76	742,550	98	753,800	123	765,050	148	761,150	176	757,700	198	768,950				
24	750,350	49	746,450	74	743,000	99	754,250	124	765,500	149	761,600	174	758,150	199	769,400				
25	750,800	50	746,900	75	743,450	100	754,700	125	765,950	150	762,050	175	758,600	200	769,850				

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