

**JOYO**  
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## DM-2/DM-3 动圈麦克风

### 一、注意事项

1. 长时间使用时发现主屏幕电量格子闪烁时(电池电量不足),应及时更换电池。
2. 请不要同时使用两个一样频率的麦克风,会出现干扰声或无声。
3. 麦克风使用太近会有气流冲击、太远声音效果不佳使用时最好是45度夹角。
4. 停止使用时(短时间不用)将麦克风关闭,可以延长电池使用寿命。
5. 麦克风长时间不用时,请取出干电池防止漏液损坏麦克风器件。
6. 请勿摔、抛、扔、丢以免损坏麦克风器件不能正常使用。

### 二、产品介绍

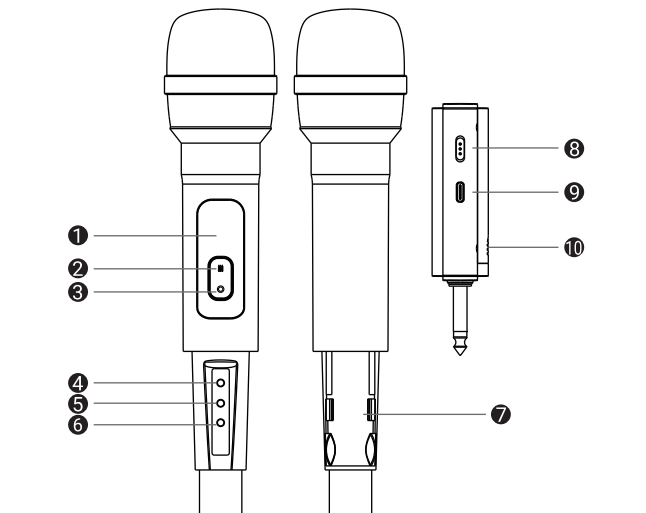
这是一款适用于专业人声的单指向(心形)动态人声无线麦克风,用于歌手演唱扩音和录音室录音。这款无线麦克风在外观设计方面,采用铝合金喷砂氧化处理效果,加上轻巧设计有效提升了产品的美感。清晰屏幕搭配一体式镜片的设计轻松查看工作状态,轻盈的设计满足了各层次的人群需求。内部结构设计方面,麦克风内部搭载心形动圈咪头,可精准拾音,特别凸显声音特色,让你的声音更出彩。采用了U段无线芯片解决方案,比V段频率范围更宽,每台机器采用“一机一频”,通过设置麦克风的频率,每台机器都是唯一的频率,基本不会出现串音现象,“同频干扰”的问题。发射和接收采用隐藏式天线设计,不仅外观美观,又不会折断导致故障的优点,让使用者更安全使用。值得一提的是,接收器内置了一节2000mAh的18650锂电池,有效续航时间长达10个小时以上,可安心使用。这款无线麦克风让使用者使用更加方便,更加灵活,可抛弃有线麦克风的束缚,演唱起来不拘束,不繁琐,不影响发挥,随时随地演唱,可以说这款无线麦克风是你的理想之选!让无线麦克风自由地陪你一起歌唱,也让你的声音越来越好!

### 三、产品特性

- 特殊的心形拾音,根据人声的特性技术调整,可凸显清晰的人声,减少背景声。
- 特别为人声设计,音质清晰稳定、频响宽、灵敏度高。
- 内置过滤防喷棉,可以过滤混响和呼吸噪声。
- 钢丝网罩和金属结构具有很好的屏蔽效果,可以降低噪音和外界干扰。
- 采用铝合金喷砂氧化处理效果,外观美观,触感细腻。
- 麦克风造型符合人体工学设计,让握感舒适。
- 内置高性能DSP芯片,结合专业人声算法,还原高品质音色。
- 采用U段可调频无线技术,多个麦克风可以同时使用。

- 清晰的显示屏设计,可轻松查看麦克风的工作状态。
- 接收器采用6.35mm单声道输出接口,方便连接多种设备,即插即用。
- 高质量、高可靠性和耐久性。

### 四、各部件名称及功能



- ① 显示屏
- ② “■” : 静音按键
- ③ “○” : 开关按键
- ④ “V+/CH+” : 短按为音量加,长按为频道加
- ⑤ “自动对频” : 长按“■”闪烁,再将音响打开自动对频
- ⑥ “V-/CH-” : 短按为音量减,长按为频道减
- ⑦ 电池仓: 安装电池
- ⑧ “☰” : 接收器开关
- ⑨ “☒” : 接收器充电插孔
- ⑩ 接收器电池仓盖

### 五、操作说明

- 1. 无线麦克风开关机:**
- 1) 将2节(1.5V)干电池装入无线麦克风尾筒内,注意电池正负极,按住电源开关1秒,屏幕滚动显示UHF无线麦克风640.0MHz(B无线麦克风670MHz),10秒后背光熄灭只显示电池电量,此时开机状态。
  - 2) 长按开机键1秒后屏幕出现OFF,此时关机,屏幕熄灭。
  - 3) 单按音量加减最高9,最低1(每次关机默认最大音量9),长按音量加减可变频(0.5MHz一跳,内置50个频点,可以任意切换)。
  - 4) MUTE键按下则MUTE,再按则解除MUTE。
  - 5) 对过频的无线麦克风与无线麦克风接收器复位操作说明:同时长按音量加减键3秒屏幕显示RESR闪烁,再打开接收器,RESR闪烁持续10秒结束回到频点界面,即麦克风与频率回到出厂码,复位完成。

**注:若只复位无线麦克风,则无需开无线麦克风接收器。**

- 2. 无线麦克风接收器开关机:**
- 1) 拨动无线麦克风接收器的开关键开机,此时开机信号指示灯(绿)常亮,再将无线麦克风A/B依次打开自动对频,对频成功后无线麦克风接收器上红绿灯信号指示灯常亮。
  - 2) 手动对频操作:将无线麦克风接收器开机,再长按无线麦克风对频键(显示屏出现对频符号),无线麦克风接收器对应的指示灯亮即对频成功。
  - 3) 充电使灯亮、充满绿灯亮。

**注:对频过的无线麦克风接收器需重启电源才能与其他无线麦克风配对。**

### 六、规格参数

无线麦克风		无线麦克风接收器	
无线频率:	(A: 640-664.5MHz, B: 670-694.5MHz)	无线频率:	(A: 640-664.5MHz, B: 670-694.5MHz)
调制方式:	数字调制	工作电压:	内置18650电池供电, 3.7V 2000mAh
工作电压:	(2节1.5V干电池供电)	工作电流:	<150mA
工作电流:	<130mA	动态范围:	>105dB
动态范围:	>105dB	频率响应:	40Hz-15kHz
频率响应:	40Hz-15kHz	灵敏度:	<-108dBm 1kHz
信噪比:	>90dB	使用时间:	约10-12小时
失真度:	<0.5% 1kHz	充电时间:	Type-C输入DC5V 1A, 约4小时充满
拾音器:	动圈式	接收距离:	30米
使用时间:	约4-5小时	净重:	73克
净重:	238克	尺寸:	117*42*27mm
尺寸:	228*52*32mm		

### 七、包装清单

DM-2		DM-3	
麦克风	1	麦克风	2
接收器	1	接收器	1
Type-C充电线	1	Type-C充电线	1
3.5mm转6.35mm转接头	1	3.5mm转6.35mm转接头	1
1.5V干电池	2	1.5V干电池	4
说明书	1	说明书	1
防滚圈	1	防滚圈	2
防风海绵	1	防风海绵	2



DM-2接收器

DM-3接收器

### 卓乐产品服务政策

- 一、在正常使用产品过程中,如果出现非人为损坏的性能故障,自购买之日起,消费者享有保修服务,保修期为12个月。  
二、有下列情况之一者,消费者不能享受保修权益。  
1. 人为损坏; 2. 超过保修期; 3. 无保修卡及有效发票,但能够证明产品在保修期内的除外; 4. 保修卡与产品型号不符,或保修卡被涂改; 5. 未按说明书要求使用、维护、保养而造成产品损坏; 6. 未经卓乐公司授权,擅自拆卸、维修产品、或浸水、摔坏产品; 7. 其他不可抗力造成的损坏。  
三、卓乐服务信息  
消费者服务热线: 0755-29765390  
更多信息请访问: www.joyochina.cn



品牌: JOYO 名称: 麦克风  
执行标准: Q/ZYKJ 007-2022  
制造商: 深圳市卓乐科技有限公司  
地址: 广东省深圳市宝安28区新安三路陆氏工业大厦2楼  
邮编: 518133  
售后服务热线: 0755-29765390

### 卓乐产品保修卡

产品型号	姓名	SN号码
用户信息	电话	购机日期
	地址	
	发票号码	
	名称(加盖公章)	
销售单位信息	地址	
	电话	

产品合格证	
检验结论	合格
检验员	QC 01
日期	

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## DM-2/DM-3 PROFESSIONAL DYNAMIC MICROPHONE

### I. Important notes

1. When you're using it for a long period of time and find that the battery level is flickering(it indicates low battery), pls replace the battery in time.
2. Don't use 2 mics with the same frequency at the same time, otherwise there will be interference or no sound at all.
3. If you stand too close to the mic, there will be gas shock, if too far, then the effects won't be satisfactory, the best angle is 45°.
4. Pls take out the battery if you stop using it (it's not in use for a short time), so as to use the batteries to their full potential.
5. To prevent a battery leak if you stop using the mic for a long period of time, remember to take out the batteries.
6. Don't drop, toss or throw it, otherwise it may malfunction.

### II. Product introduction

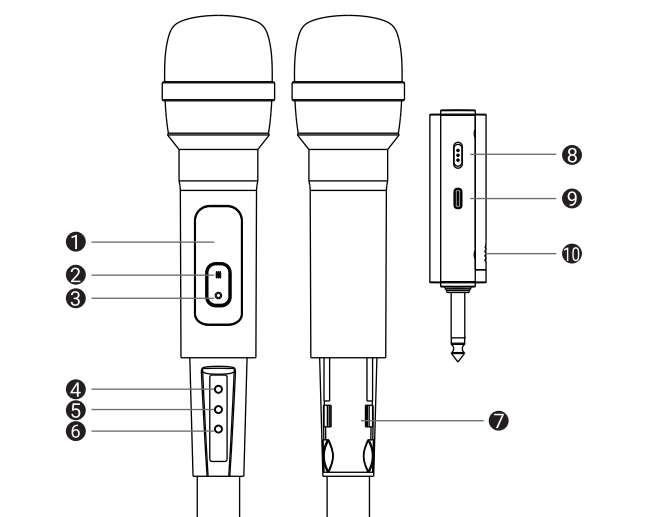
A unidirectional(cardioid) dynamic vocal mic special for amplifying professional singing and studio recording. Aluminium alloy die cast, with surface oxidation, sandblasting, so it's lightweight. One-piece lens design enables you to read easily, lightweight. The mic's interior features moving-coil cardioid microphone core, bringing out the characteristics of the tone via precise pickup. It adopts UHF module, much wider than the VHF, "One unit one frequency", each unit can have the only frequency by adjusting the mic's frequency, crosstalk and "same frequency interference" barely exist any more. Both the transmitter and receiver feature hidden antennae, much safer and avoid breaking them. Besides, the receiver features a 2000mAh 18650 lithium battery, over 10 hours battery life. This wireless mic is much easier to use, facilitating your performance anytime, anywhere. It's ideal for you.

### III. Features

- Specially designed cardioid pickup brings out clear vocal and reduces the background noise to the maximum
- Specially designed for vocals, with clear sound, wide frequency response and high sensitivity
- The built-in sponge can filter REVERB and breath "pop" noise

- Steel mesh grille and metal structure reduce the noise and interference efficiently
- Aluminium alloy die cast, with surface oxidation, sandblasting
- Ergonomic design makes it feel comfortable while holding it
- Built-in DSP chip, with professional vocal algorithm, reproducing the sound faithfully
- It features UHF module, multiple mics can be used simultaneously
- The LCD indicates the mic's working status clearly
- The receiver features 6.35mm Mono Output Jack, easy to connect to multiple devices, plug and play
- Reliable and durable

### IV. Parts' names and functions



- ① LCD display
- ② “■” : MUTE button
- ③ “○” : Power switch button
- ④ “V+/CH+” : Tap it to increase the VOLUME, long press it to increase the CHANNEL
- ⑤ “Pair up automatically”: Long press “■” and it flashes, and then turn on the sound to pair up automatically.
- ⑥ “V-/CH-” : Tap it to reduce the VOLUME, long press it to reduce the CHANNEL
- ⑦ Battery compartment: install the battery
- ⑧ “☰” : Receiver's switch
- ⑨ “☒” : Receiver's charging port
- ⑩ Receiver's battery compartment cap

### V. Operations

- 1. Turn on/off the wireless mic:**
- (1) Insert the 2 dry cells(1.5V) into the wireless mic's battery compartment, make sure the polarity is correct, press the power switch for 1 second, the LCD display indicates UHF wireless mic A is 640.0MHz(The wireless mic B is 670MHz), 10 seconds later the backlight extinguishes, only indicating the battery level, now the unit is on.
  - (2) Long press the power switch for 1 second and OFF is shown in the LCD display, turn off the unit now, and the LCD display extinguishes.
  - (3) Single tap the VOLUME button to increase or reduce the VOLUME, the maximum is 9, while the minimum is 1(The default maximum value is 9 each time you turn on/off the unit). Long press it to increase or decrease the frequency. (0.5MHz per hop, with 50 frequency points in all, you can switch to any one).
  - (4) Press MUTE once, the mic will be mute, while press it again to release the mute function.
  - (5) As for the reset of the wireless mic and the wireless mic's receiver that have already been paired up: Long press the VOLUME +/- for 3 seconds, the LCD display indicates RESR and flickering, then turn on the receiver, the RESR is flickering for 10 seconds and then stop, and back to frequency point interface, the mic and frequency return to the default code, and the reset is done.  
**Note: If only need to reset the wireless mic, then there is no need to turn on the wireless mic's receiver.**

- 2. Turn on/off the wireless mic's receiver:**
- (1) Click on the power switch of wireless mic's receiver, now the power indicator is in green, turn on wireless mic A and B respectively and pair up automatically, the red and green indicator on the wireless mic's receiver is on once they're paired up successfully.
  - (2) To pair up manually: turn on the wireless mic's receiver, and then long press wireless mic's pair up button(the pair-up icon will be shown on the LCD display), the indicator on the wireless mic's receiver is on once they're paired up successfully.
  - (3) It means charging when the indicator is in red, it means fully charged when the indicator is in green.  
**Note: If you need to pair up wireless mic's receiver that has already been paired up before with other wireless mic, reboot it first.**

### VI. Specifications

Wireless mic	
Wireless frequency:	(A: 640-664.5MHz, B: 670-694.5MHz)
Type of modulation:	Frequency-shift keying
Operating voltage:	(2 pieces 1.5V dry cell)
Current consumption:	<130mA
Dynamic range:	>105dB
Frequency response:	40Hz-15kHz
SNR:	>90dB
Distortion:	<0.5% 1kHz
Pickup:	Moving coil
Battery life:	About 4-5hrs
Net weight:	238g
Dimensions:	228*52*32mm



DM-2 receiver

DM-3 receiver

Wireless mic receiver	
Wireless frequency:	(A: 640-664.5MHz, B: 670-694.5MHz)
Operating voltage:	Built-in 18650 battery, 3.7V 2000mAh
Current consumption:	<150mA
Dynamic range:	>105dB
Sensitivity:	<-108dBm 1kHz
Battery life:	About 10-12hrs
Charging time:	Type-C Input DC5V 1A, a full charge takes about 4hrs
Receiving range:	3 meters
Net weight:	73g
Dimensions:	117*42*27mm

### VII. Package contents

DM-2	DM-3
Mic*1	Mic*2
Receiver*1	Receiver*1
Type-C charging cable*1	Type-C charging cable*1
3.5mm to 6.35mm adapter*1	3.5mm to 6.35mm adapter*1
1.5V Dry cell*2	1.5V Dry cell*4
Owner's manual*1	Owner's manual*1
Rubber ring*1	Rubber ring*2
Microphone Windscreen*1	Microphone Windscreen*2

**Note: Different model has different accessory.**

**JOYO**

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尺寸: 95\*130mm  
材质: 105g铜版纸  
骑马钉 12P