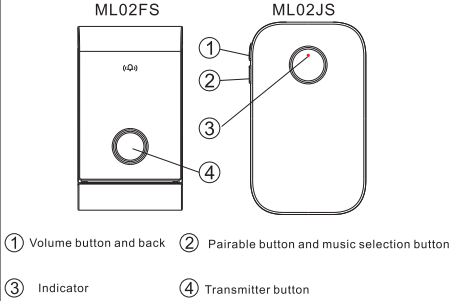
# MI02 Battery-free wireless doorbell operating manual

## Product Description:

1. Product Features:

Battery-free wireless doorbell that drives wireless signals by pressing to generate electricity, no battery, no wiring, simple installation, green and environmental protection.The appearance are simple, generous high-grade designed which looks very beautiful.ML02FS doorbell can be worked with wireless receivers,smart switches and other wireless receiving equipment to remote control electric appliance .which can easily realize single control, dual control, multiple control and interacting control.It is not only an doorbell, but can also used use as light control to switch on or off.

2. Product diagram:




① Volume button and back ② Pairable button and music selection button

③ Indicator ④ Transmitter button

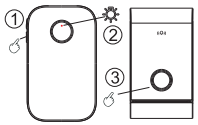
3. Technical parameter

MI02 Technical parameter:

| Technical parameter | Doorbell transmitter | Doorbell receiver |
|---|---|---|
| Power supply | self-powered generation | AC100V-230V 50/60Hz |
| Power consumption | | 0.25W |
| Music | | 38 ringtone |
| Weight | 53g | 56g |
| Distance of transmission | Operating range(open area)≥150M | |
| Working frequency | RF 433 MHZ | |
| Appearance dimension | L81mmxW46mmxH25mm | L85mmxW52mmxH43-63mm |
| Music volume | | ≥50dB/1m |
| Working temperature | -20℃~+60℃ | -10℃~+45℃ |

User Instruction

1. Pairing: The indicator led of ML02JS receiver is on means in the status of pairing mode.press the indicator led once until have a flicker means successfully paired 1 switch, the receiver can pair 5 switches max. You can also pair it yourself as below picture. When the receiver has been equipped with 5 switches, if you want to pairing other new Switch, then the first paired switch will automatically replaced.

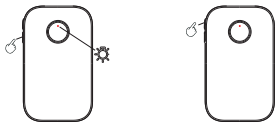



(1).Long press the pairing button for 3 seconds within 1 minute after the receiver is powered-on.

(2).It enters the pairing mode after the indicator light is on the receiver.

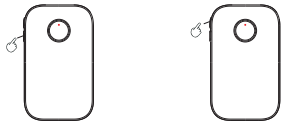
(3).Press the LED until the indicator light flashes on the receiver, then press the transmitter and pairing finished successfully.

2. Clear the pair code: Long press the receiver button within 1 minute after the receiver powered-onuntil the indicator led is on and flash 3 times , all the code is cleared.



3. The music back to the first one: Long press the "Volume Adjustment" button and "back button"when the receiver status is powered on, thus can hear the first music.

4. Song selection: When the receiver is powered on, short press the "pairing and song selection" button to search for the built-in 38 songs in turn.

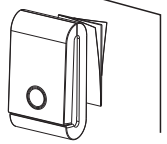


5. Volume selection: When the receiver is powered on, short press the "volume adjustment and return keys to adjust the volume in turn. There are three options for volume: high, medium, low and silent mode.

ML02FS Install Instruction:

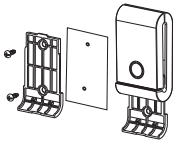
The ML02FS transmitter can be placed or moved at will, you can fix it anywhere you want

1. Method 1 (double-sided stickers): Show as below picture, have the double side sticker on the back of transmitter, then paste anyway you want.



Tip: Please avoid installing on metal objects (iron gates, iron windows, etc.) to avoid influence the launch distance. Please make sure it's availability before install the transmitter.

2. Method 2 (screw mounting): *optional accessories*Put it in the desired fixed position and try to draw the positioning point normally then use professional tools to punch holes on the wall to install rubber plugs, fix the bracket plate to the wall with screws, and slide the transmitter in place.



Tip: Please avoid installing on metal objects (iron gates, iron windows, etc.) to avoid influence the launch distance. Please make sure it's availability before install the transmitter.

Failure analysis and troubleshooting

1.No sound: Confirm if the receiver is plug in, check if the receiver is in mute state. Confirm if the transmitter paired with the receiver successfully?

2.Short transmission distance: Metal objects such as iron doors and iron frames will influences the transmission distance. So don't place the transmitter and receiver near metal objects. Walls and ceilings will also influences the transmission distance, and other wireless devices will also interfere.

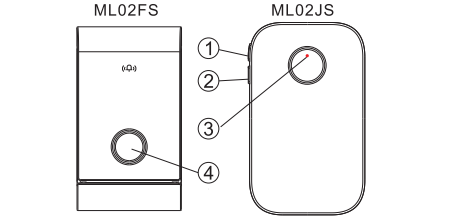
# 自发电无线门铃使用说明书

敬告：使用本产品前，请仔细阅读产品说明书，并且按照说明书进行安装和使用。

## 产品概述：

1.产品特点：免电池无线门铃，通过按压发电来驱动无线信号，不用电池，无需布线，安装简单，绿色环保,外观采用极简设计，简单大方外形圆润美观、处处彰显高档.ML02FS它可以与无线接收器/智能开关等接收设备配合使用，用于遥控用电设备,可轻松实现单控、双控、多控及互控它不单是应用门铃，可用于开关呼叫器等多种领域。

2.产品示意图:




① 音量调节及返回 Volume button and back ② 配对及选曲 Pairable button and music selection button

③ 指示灯 Indicator ④ 发射器按钮 Transmitter button

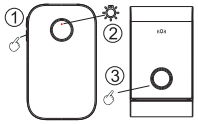
3.技术参数：

## 技术参数规格

| 技术参数 | 门铃发射器 | 门铃接收器 |
|---|---|---|
| 电源 | 自发电 | AC100V-230V 50/60Hz |
| 功耗 | | 0.25W |
| 铃声 | | 38首铃声 |
| 重量 | 53g | 56g |
| 传输距离 | 空旷地>150M | |
| 射频频率 | 433MHZ | |
| 外观尺寸 | L81mmxW46mmxH25mm | L85mmxW52mmxH43-63mm |
| 铃声音量 | | ≥50dB/1m处 |
| 环境温度 | -20℃~+60℃ | -10℃~+45℃ |

## 使用方法：

1.配对:ML02JS接收器如是在刚通电状态下，指示灯为常亮则为处在配对模式(未存任何开关)，按动ML02FS按键一下指示灯闪一下即配码成功一个，以此类推最多可配上5个发射器。也可按下图方式自行配对。当接收器已配上5个开关，再配新的开关则会自动把第一个开关替换。

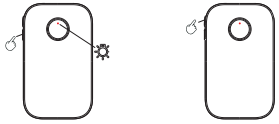



(1)接收器在刚通电1分钟内长按配对键3秒.

(2) 接收器上指示灯常亮则进入配对模式.

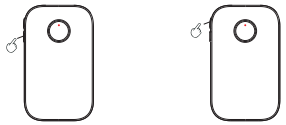
(3) 按一下发射器接收器上指示灯闪烁一下.配对成功.

2.清除对码:如图示接收器在刚通电1分钟内长按接收器上按键不放直到指示灯常亮后闪3下，即清除掉所有对码。



3.歌曲返回第一首：接收器在通电情况下长按"音量调节及返回键"即可听到第一首叮咚铃声。

4.歌曲选择：接收器在通电情况下短按"配对及选曲"键即可依次更换内置的38首歌曲.

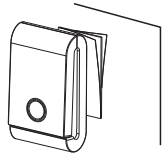


5.音量大小：接收器在通电情况下短按"音量调节及返回"键即可依次变更音量大小，音量有大、中、小、静音、四种音量依次循环。

## ML02FS安装方法：

ML02FS发射器可随意摆放或移动，也可固定到自己喜欢的位置。固定前请先放在所需固定的位置试用，不影响正常使用再固定。固定方式如下：

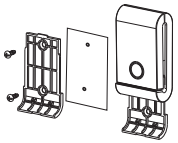
1.方式1（双面贴）：如图示：用双面贴一面贴开关底面，另一面可随意贴到自己喜欢的地方。



特别提示：请避免安装在金属物（铁门，铁窗等）上，以免影响发射距离。固定前请试用可行与否。

2.方式2（螺钉安装）：

放在所要固定位试用正常画出定位点再用专业工具在墙上打孔装胶塞用螺丝把支架板固定到墙上，把发射器对位滑动到位即可。



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## 故障分析与排除：

1.门铃不响：检查接收器是否插好，插座是否通电；接收器是否设置了静音；是否配对，可重新按说明配对。

2.传输距离短：铁门，铁框等金属物体会影响有效的传输距离，避免发射器及接收器放置于金属物体附近。墙壁与天花板也会影响传输的距离。其它无线设备干扰等

FCC WARNING

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.

To maintain compliance with FCC’s RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.