

**太阳能驱鸟器 Solar Bird Repeller**  
**MacSun Solar Energy Technology Co., LTD**

特别说明：我公司驱鸟产品均具备驱啮齿类动物和困虫能力，能切断鸟类食物链——不是简单驱鸟，因此效果更强！

Special Instruction: Our solar bird Repellers have the big ability to drive the birds and insects, can shut off the birds food supplying chain - - not just drives the bird simply, therefore the effect is stronger!

**MS-SBR1 型超声波驱鸟器**  
**MS-SBR1 Solar Bird Repeller**

电源 Power	蓄电池供电 Solar Power With Batteries	工作电流 Working Currents	<70mA
超声波声压 Ultrasonic sound pressure level	120dB	作用面积 Working Area	约 700 平米 About 700 square meters
无光照工作时间 Working in Rainy Days	10 天 10 days	重量 Weights	4.3Kg
环境温度 Working Teperature	-40~65℃	规格尺寸 Sizes	230X190X180(mm)
使用寿命 Working Life	3—5 年 3-5 years		



## **Solar Bird Repellers** ---- *Macsun Solar Energy Technology Co., Limited*

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该型号驱鸟器，采用太阳能供电安装简便，效果明显。

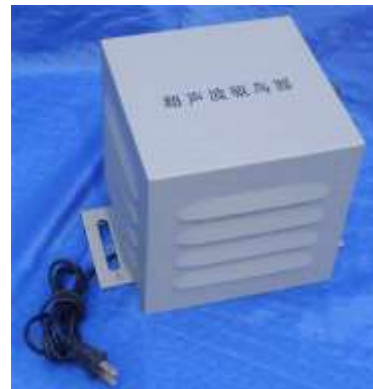
This model solar bird repeller, uses the solar energy power, the installment to be simple, and the effect is obvious.

适用于电力、通讯、等等鸟害威胁比较大的场合。

It is suitable in the electric power station, the communication station, and so on, which the birds maybe damage the big situations.

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### **MS-BR2 型超声波驱鸟器** **MS-BR2 Ultrasonic Bird Repeller**



MS-BR2 型超声波驱鸟器，采用外接电源供电，24 小时无间歇工作，具有更加超强的驱鸟功能。主要用于变电站、大型生产装配车间、食品加工厂、粮食加工厂、制药厂、飞机库、大型仓储库房及古建筑保护等。

MS-BR2 Ultrasonic Bird Repeller was selected ultrasonic bird control, the use of an external power supply, 24 hours non-stop work, with super bird repellent function. This is mainly used for substation, large-scale production workshops and assembly plants, food processing plants, food processing plants, pharmaceutical plants, aircraft hangars, large storage warehouse and ancient architecture protection.

电源 Power	220V	使用寿命 Working Life	10 年 (10 years)
超声波声压 Ultrasonic sound pressure level	120dB	环境温度 Working Teperature	-40~65℃
作用面积 Working Area	约 700 平米 About 700 square meters	规格尺寸 Sizes	220X160X160(mm)
重量 Weights	2. 4Kg		

该型号驱鸟器，采用太阳能供电安装简便，效果明显。  
适用于电力、通讯、等等鸟害威胁比较大的场合。

This Bird Repeller uses the national power supply, and the installment is simple, and the effect is obvious. It is suitable in the electric power, the communication station, and other spots where the bird maybe damage or threat quite heavily.

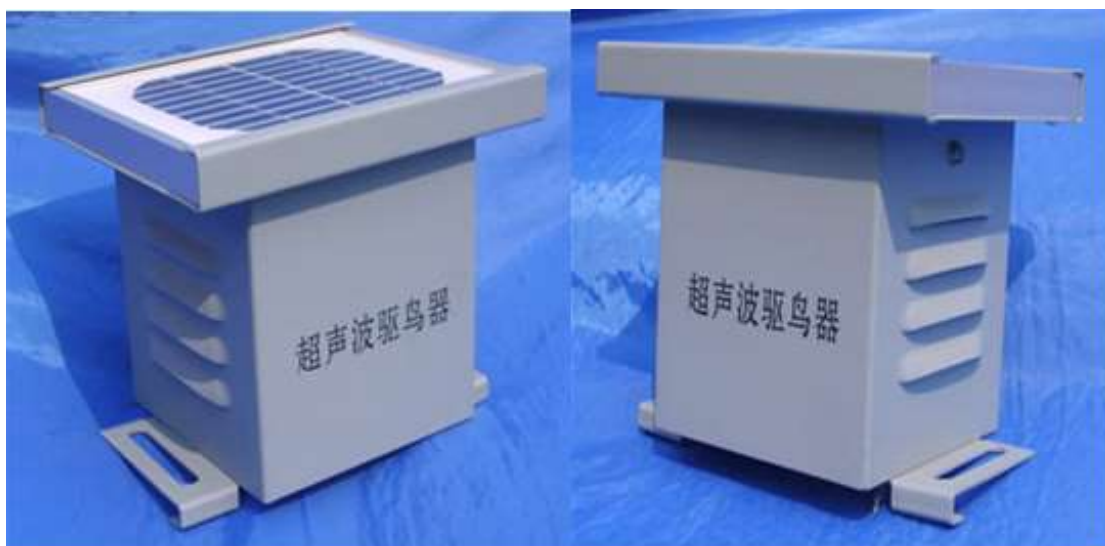
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**MS-BR3 型超声波驱鸟器**  
**MS-BR3 Ultrasonic Bird Repeller**

MS-BR3 型超声波驱鸟器是 MS-BR1 型的微型机。主要应用于没有外接电源、防护范围相对较小的场合。如：线间跨度相对较小的输电杆塔、水泥输电线杆等。

MS-BR3 型超声波驱鸟器分 A、B 两种型号，B 型带强闪光灯。

MS-BR3 ultrasonic bird is the MS-BR1 microcomputer. Mainly used in the no external power supply, a relatively small range of protective occasions. Such as: a relatively small span in the line between the transmission tower, cement transmission line pole. MS-BR3 ultrasonic bird points A and B, two models of B-type are with a strong flash.



**MS-BR3 型超声波驱鸟器基本参数**

电源	蓄电池供电	使用寿命	3—5 年
超声波声压	120dB	工作电流	<50mA
作用面积	约 200 平米	环境温度	-40~65℃
规格尺寸	180X152X162(mm)	重量	2.75Kg
可选强闪光灯 (适合白天黑夜)	2 支		

**MS-SBR4 型超声波驱鸟器**

**MS-SBR4 Ultrasonic Bird Repeller**

MS-SB4 型超声波驱鸟器是 MS-SB 2 型的微型机。主要应用于有外接电源，防护范围相对较小的场合。主要用于防止鸟类对家庭院落、住宅窗前，屋顶、粮仓、名胜古迹、雕像等的骚扰。MS-SB 4 型超声波驱鸟器分 A、B 两种型号，B 型带强闪光灯。



**MS-SB4 型超声波驱鸟器基本参数**

电源	220V	使用寿命	10 年
超声波声压	120dB	环境温度	-40~65℃
作用面积	约 200 平米	规格尺寸	182 X130 X130
重量	1.5kg		

**MS-SBR5 增强型超声波驱鸟器:**  
**MS-SBR5 Ultrasonic Solar Bird Repeller**

采用太阳能供电，结合超声波综合驱除技术，兼具驱除常见鸟类、蝙蝠和鼠、虫等广谱驱除作用，效果超强。主要用于防止鸟类对变电站、家庭院落、住宅窗前，屋顶、粮仓、名胜古迹、雕像等的骚扰。

For high-power ultrasonic bird repeller, it uses Solar power supply, and the ultrasonic technology. It can drive out common birds, bats and mice, insects. It is used many areas. It is suitable in the places as transformer substation, factories, workshop, large-scale distribution freight yard, apartment villa, building commercial building, heritage attraction and so on.

产品参数:  
Product Parameter



电源 Power	太阳能 Solar Power	使用寿命 Working Life	3-5 年 3-5 years
超声波声压 Ultrasonic sound pressure level	120dB	功率 Power	2.33w
作用范围 Working Area	>15 米 > 15 meters	环境温度 Working Temperature	-40~60℃
重量	6.9Kg	规格尺寸	335X280X240(mm)

Weight		Sizes	
工作模式 Working Mode	间歇 Intermittence	无光照工作 Working in Rainy Days	10 天 10 days
超声波发生器数量 Sonic-Motors Quantities	12 个 12 pcs	频率 Frequency	6k-25k
太阳能板尺寸 Solar Panel Sizes	22..8*18.7	电池 Battery	7AH

工作周期(白天):超声波驱鸟 2 分钟→超声波驱啮齿类动物 1 分钟→休眠 1 分钟

Working Mode (daytime): The ultrasonic wave drives the bird 2 minutes -> ultrasonic waves to drive the rodentia animal 1 minute -> dormancy 1 minute

工作周期(黑夜): 超声波驱鸟 1 分钟→休眠 2 分钟→超声波驱啮齿类动物 1 分钟→休眠 2 分钟

Working (dark night): The ultrasonic wave drives the bird 1 minute -> dormancy 2 minutes -> ultrasonic waves to drive the rodentia animal 1 minute -> dormancy 2 minutes

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**MS-SBR6 增强型超声波驱鸟器:**  
**MS-SBR6 Super Ultrasonic Bird Repeller:**

为大功率超声波驱鸟器。采用 220V 市电供电，采用超声波综合驱除技术，兼具驱除常见鸟类、蝙蝠和鼠、虫等广谱驱除作用，效果超强。适用于：变电站、厂房、车间、大型物流货场、公寓别墅、楼宇商厦、文物古迹等场所。

For high-power ultrasonic bird repeller, it uses the 220V national electricity power supply, and the ultrasonic technology. It can drive out common birds, bats and mice, insects. It is used many areas. It is suitable in the places as transformer substation, factories, workshop, large-scale distribution freight yard, apartment villa, building commercial building, heritage attraction and so on.



电源 Power	220V/110V	使用寿命 Working Life	>8 年 >8 years
超声波声压 Ultrasonic sound pressure level	120dB	功率 Power	4.84w
作用范围 Working Area	20 米 20 meters	环境温度 Working Temperature	-40~60°C
重量 Weight	3.9Kg	规格尺寸 Sizes	205X205X175(mm)
工作模式 Working Mode	持续 Continuing	频率 Frequency	6k-25k
超声波发生器数量 Sonic-Motors Quantities	16 个 16 pcs		

若现场能解决外接电源问题，建议采用该型号产品。

If the scene can solve the external power supply problem, suggested that uses this model product.

工作周期(无间歇): 超声波驱鸟 4 分钟→超声波驱啮齿类动物 2 分钟

Working Mode (does not have intermittence): The ultrasonic waves drive the birds 4 minutes -> ultrasonic waves drive the rodentia animal 2 minutes

**MS-SBR7 型太阳能驱鸟器:**  
**MS-SBR7 Solar Bird Repeller**

是采用太阳能供电系统的超声波语音综合驱鸟器。采用太阳能供电无需电源，采用超声波综合驱除技术和语音驱鸟技术，兼具驱除常见鸟类、蝙蝠和鼠、虫等广谱驱除作用，效果超强。

It uses the solar energy power supply system's ultrasonic wave pronunciation comprehensive Solar Bird Repeller. It uses the solar energy power supply, so that not need the grid power source. It uses the ultrasonic wave synthesis and the pronunciation technology to drive out the bird, can drives out common birds, bats and mice, insects and so on.

产品参数:

Product Parameter:



电源 Power	太阳能 Solar Power	使用寿命 Working Life	3-5 年 3-5 years
超声波声压 Ultrasonic sound pressure level	120dB	功率 Power	6.80w
作用范围 Working Area	>55 米 > 55 meters	环境温度 Working Temperature	-40~60°C



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重量 Weight	9.9Kg	规格尺寸 Sizes	390X295X310(mm)
工作模式 Working Mode	间歇 Intermittence	无光照工作 Working in Rainy Days	10 天 10 Days
超声波发生器数量 Sonic-Motors Quantities	24 个 24 pcs	频率 Frequency	6k-65k
太阳能板尺寸 Solar Panel Size	22..8*18.7*2 块 22..8*18.7*2pcs	电池 Battery	7AH

说明：该型号产品为综合型驱鸟产品，同时还能驱除啮齿类动物。

Note: This model drives the birds for the synthesis, meanwhile can drive out the rodentia animal.

工作周期(白天):语音 1 分钟→超声波驱鸟 2 分钟→语音 1 分钟→超声波驱啮齿类动物 1 分钟→休眠 1 分钟

Working Mode (daytime): The pronunciation 1 minute -> ultrasonic wave drives the bird 2 minute -> pronunciation 1 minute -> ultrasonic wave to drive the rodentia animal 1 minute -> dormancy 1 minute

工作周期(黑夜): 超声波驱鸟 1 分钟→休眠 2 分钟→超声波驱啮齿类动物 1 分钟→休眠 2 分钟

Working Mode (Night-time): The ultrasonic wave drives the bird 1 minute -> dormancy 2 minutes -> ultrasonic waves to drive the rodentia animal 1 minute -> dormancy 2 minutes

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### **MS-BR8 型大功率超声波驱鸟器** **MS-BR8 Super Ultrasonic Bird Repeller**

采用市电供电系统的超声波语音综合驱鸟器。全天候持续大功率工作，采用超声波综合驱除技术和语音驱鸟技术，兼具驱除常见鸟类、蝙蝠和鼠、虫等广谱驱除作用，效果超强。可扩展音源接口，可以与外界语音设备连接。

Ultrasonic Voice Integrated Repeller is charged by electricity supply system.

## Solar Bird Repellers ---- Macsun Solar Energy Technology Co., Limited

Continuous high-power work at full day, using ultrasonic technology and voice, repels common birds, bats and rats, insects and others with great effective. With scalable audio interface, it can connect to external audio equipment.



产品参数:

Product Parameter:

电源 Power	220V	使用寿命 Working Life	>5 年 >5 years
超声波声压 Ultrasonic sound pressure level	120dB	功率 Power	6.80w
作用范围 Working Area	100 米左右 About 100 meters	环境温度 Working Temperature	-40~60°C
重量 Weights	3.9Kg	规格尺寸 Sizes	205X205X175(mm)
工作模式 Working Mode	持续 Continuous	频率 Frequency	6k-65k
可扩展音源 Scalable Audio Interface	可选 Optional		

说明: 该型号产品为综合型驱鸟产品, 同时还能驱除啮齿类动物。

Note: The model is for integrated bird products, and to repel rodents.

**MS-BR9 型大功率语音超声波综合驱鸟器**  
**MS-BR9 Super Ultrasonic Bird Repeller**



采用市电供电系统的大功率超声波语音综合驱鸟器。采用超声波综合驱除技术和语音驱鸟技术，兼具驱除常见鸟类、蝙蝠和鼠、虫等广谱驱除作用，效果超强。

设备自带控制器，对运行状态灵活控制，可形成回旋声场效果。

内置计算机智能控制器，带 USB 计算机接口可以与计算机主机连接，驱鸟语音库可动态修改。

可扩展音源接口，可以与外界语音设备连接。

The High-Power Ultrasonic Voice Repeller is charged by electricity supply system. Continuous high-power work at full day, using ultrasonic technology and voice, repels common birds, bats and rats, insects and others with great effective.

The device comes with the controller, flexible controlling of the running state, can be formed roundabout sound field effect.

Built-in computer intelligent controller with a USB computer interface can be connected to the host computer, and the bird voice library can be dynamically modified.

With scalable audio interface, it can connect to external audio equipment.

产品参数:

Product Parameter:

电源 Power	市电 AC Power	使用寿命 Working Life	>5 年 >5 years
超声波声压 Ultrasonic Sound Pressure Level	120dB	主机功率 Power	200w
作用范围 Working Area	120 米左右 About 120 meters	环境温度 Working Temperature	-40~60℃
重量 Weights	22.1Kg	规格尺寸 Size	520X520X430(mm)
工作模式 Working Area	持续 Continuous	频率 Frequency	6k-65k
高音扬声器 High Round Speakers	4 部 4 pcs	可扩展语音库 Scalable Music Interface	有 Yes
独立控制面板 Sole Controlling Board	有 Yes	可扩展音源 Scalable Audio Interface	可选 Optional

说明: 该型号产品为综合型驱鸟产品, 同时还能驱除啮齿类动物。

Note: The model is for integrated bird products, and to repel rodents.