

TAKSTAR® 得胜



BM-630USB | 数字界面麦克风
DIGITAL BOUNDARY
MICROPHONE

BM-630USB 数字界面麦克风

■ 前言

尊敬的用户：

感谢您选购得胜BM-630USB数字界面麦克风，为了您能够更好的了解及使用本产品，建议您在使用前仔细阅读本说明书。

若存在有疑问或者您有宝贵的建议，可通过拨打得胜官方服务热线400 6828 333或微信扫描二维码关注得胜官方公众号与我们联系。



■ 产品特性

1. 专为网络会议、网络播音、访谈等场合而设计的数字界面麦克风；
2. 采用USB2.0专业声卡芯片，兼容Windows、iOS、Mac系统，免驱动，即插即用；
3. 全指向咪头，360度拾音，无死角，声音更清晰；
4. 内置集成放大电路，灵敏度高，拾音距离大于2米；
5. 先进的射频干扰（RFI）屏蔽技术，隔离手机信号的干扰；
6. 具有150Hz低频衰减开关，有效降低环境噪音的拾取；
7. 底部设计防滑胶垫，防止麦克风滑动的同时也降低了桌面震动带来的影响；
8. 触摸式静音开关，消除传统开关的机械噪声；
9. 小巧便携，操作简便，随时随地进行网络会议或录音工作。

■ 标准配置

BM-630USB麦克风	1只
USB数据线（规格：Φ3mm*3M）	1条
说明书	1份

■ 兼容系统

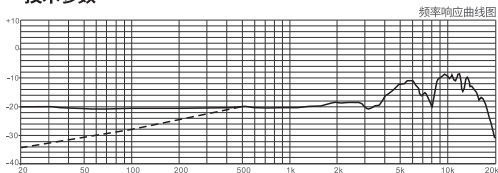
Windows、Mac、iOS

■ 适用范围

网络会议、网络播音、访谈等

BM-630USB 数字界面麦克风

■ 技术参数



- 音头: $\Phi 16\text{mm}$ 电容音头
- 指向性: 全指向
- 频率响应: 30Hz-20kHz
- 灵敏度: $-25 \pm 3\text{dB}(0\text{dB}=1\text{V/Pa at } 1\text{kHz})$
- 失真度: $\leq 1.5\%$ at 1kHz
- 信噪比: $\geq 62\text{dB}$
- 低切: 150Hz 6dB/Oct
- 供电模式: USB (DC 5V $\pm$ 500mA)
- 数据传输: USB连接线
- 采样率: 44.1/48kHz
- 比特率: 16bit
- 净重: 205g

注: 以上数据由得胜实验室测试得到, 并拥有最终解释权!

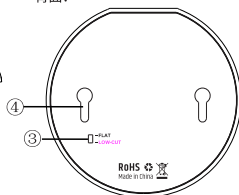
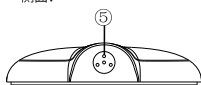
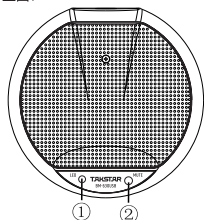
■ 功能示意

- ① 静音指示灯: 指示灯长亮绿灯为拾音状态; 指示灯熄灭为静音状态;
- ② 静音开关: 触摸静音开关开启或关闭麦克风;
- ③ 低切按钮: 拨到“FLAT”位置时, 能够拾取真实的声源, 一般在环境比较安静的情况下使用; 拨到“LO-CUT”位置时, 可滤除150Hz以下的低频环境噪声(如交通、空调系统、桌面震动声等), 使人声更加清晰;
- ④ 挂孔: 可以通过挂孔将麦克风悬挂在墙壁上, 方便工程安装;
- ⑤ Mini XLR接口: 通过USB数据线与电脑、视频会议系统、iphone等设备连接。

正面:

侧面:

背面:

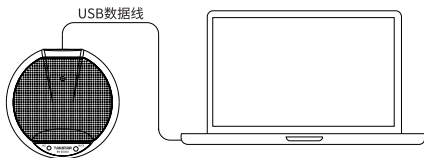


BM-630USB 数字界面麦克风

■ 使用方法

一、网络会议

① 将麦克风和电脑通过USB数据线连接起来，电脑将自动识别麦克风并完成驱动安装；



② 驱动设置

Windows：将系统喇叭的“录制”设备“TAKSTAR BM-630USB Microphone”设置为默认设备；



MacOS：进入系统偏好设备下的声音设置，将输入设备选择为“TAKSTAR BM-630USB Microphone”



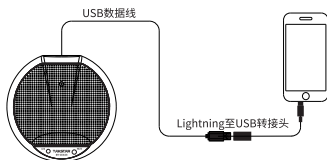
③ 将耳机或有源音箱连接到电脑的耳机接口；

④ 开启视频会议软件、即时通讯软件或录音软件，即可进行网络会议、网络播音及访谈录制等。

(Windows系统下，如果电脑录音音量过大，可以适当调小电脑系统喇叭的“录制”设备的录音音量即可)

二、移动录音

- ① 将USB数据线与麦克风连接,另一端与“Lightning至USB”转接头连接（“Lightning至USB”转接头需自行另购），然后将“Lightning至USB”转接头连接到iphone或ipad的数据接口；
- ② 麦克风与iphone或ipad连接好后，需等待10秒钟左右再开启录音软件。



■ 故障处理

一、麦克风开启后指示灯不亮或声音忽大忽小

1. 检查麦克风USB插头是否连接到位，重新插拔试试；
2. 连接电脑时，如果是台式机，建议连接到主机背后插孔；如果是连接iphone或ipad，建议先将麦克风与Lightning至USB转接头连接好后，再连接到iphone或ipad上；

二、无法监听到麦克风的声音

1. 连接电脑使用时，需打开系统喇叭的“录制”设备，在“TAKSTAR BM-630USB Microphone”设备的属性选项中将侦听选项勾选；
2. 连接iphone或ipad时，需开启APP软件的耳返功能，才能监听到麦克风的声音（无耳麦接口的iphone或ipad不能接耳机进行实进监听）。

三、无法录制麦克风声音或录制声音过小

1. 连接电脑使用时，检查“TAKSTAR BM-630USB Microphone”设备的麦克风音量是否调得过小，调节之后看是否能恢复正常；
2. 连接iphone或ipad使用时，检查APP软件的麦克风音量是否调得过小，调节之后看是否能恢复正常；

四、连接音箱时产生啸叫

1. 如果使用的软件或音频设备本身有回音消除功能，请设置为开启状态；
2. 将麦克风的拾音部分背对有源音箱，同时保持适当的距离；
3. 减小麦克风音量或音箱输出音量。

■ 注意事项

为避免电击、高温、着火、辐射、爆炸、机械危险以及使用不当等可能造成的人身伤害或财产损失、使用本产品前，请仔细阅读并遵守以下事项：

1. 使用产品时请合理调整音量大小，不要在大音量下长时间使用，以免造成听力损伤；
2. 使用中若发现有异常（如冒烟、异味等），请立即关闭电源开关并拔掉电源插头，然后将产品送经销商检修；
3. 本产品及配件都应放置在室内干燥通风处，勿长期存放在潮湿、灰尘多的环境；使用中避免靠近火源、雨淋、进水、过度碰撞、抛掷、振动及覆盖通风孔，以免损坏其功能；
4. 若产品需要固定于墙壁或天花板上时，请确保固定到位，防止因固定强度不足导致产品发生跌落危险；
5. 使用本产品时需遵守相关安全规定，法律法规明确禁止的使用场合请勿使用本机，以免导致意外事故；
6. 请不要自行拆机改装或维修，以防止出现人身伤害，如有问题或服务需求请联系当地经销商跟进处理。

BM-630USB DIGITAL BOUNDARY MICROPHONE

■ Foreword

Dear Customer,

Thank you for purchasing Takstar BM-630USB digital boundary microphone. Please read the user manual carefully before operation and keep it for reference in future. If you have any question or suggestion, please contact our local dealer.

■ Features

1. Tailored for network conference, network live broadcast, interview
2. USB2.0 sound card chip without driver suits for iOS, windows, Mac systems, plug and play
3. Built-in omni-directional capsule, 360 degree picking up, clearer sound
4. Built-in integrated amplifying circuit, high sensitivity, picking up range more than 2m
5. RFI shielding technology isolates the mobile phone signal interference
6. 150Hz low cut switch effectively reduces the pickup of ambient noise
7. Anti-skidding rubber pads prevent from microphone skidding and reduce the vibration from table
8. Touch mute switch for eliminating the mechanical noise of the traditional switch
9. Compact, portable, and easy operation for network conference or mobile recording

■ Product Content

BM-630USB microphone.....	1PC
USB data cable (Φ3mm*3M)	1PC
User manual.....	1PC

■ Compatibility

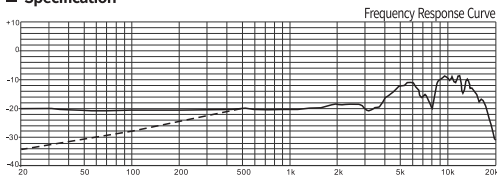
Windows、Mac、iOS

■ Application

Network conference, network live broadcast, interview

BM-630USB DIGITAL BOUNDARY MICROPHONE

■ Specification



- Cartridge: $\Phi 16\text{mm}$ condenser cartridge
- Polar Pattern: omnidirectional
- Frequency Response: 30Hz-20kHz
- Sensitivity: $-25 \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Distortion: $\leq 1.5\%$ at 1kHz
- S/N Ratio: $\geq 62\text{dB}$
- Low Cut: 150Hz 6dB/Oct
- Power Supply: USB (DC 5V=500mA)
- Data Transmission: USB cable
- Sample Rate: 44.1/48kHz
- Bit Rate: 16bit
- Net Weight: 205g

Note: the above data is obtained from the test of Takstar laboroty, and Takstar has the final interpretation right!

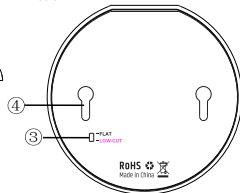
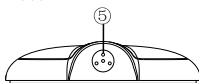
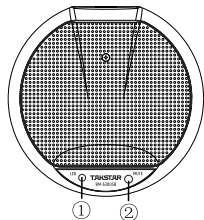
■ Function Instruction

- ① Mute LED: that this LED lights up green means the microphone is in pickup status. This LED lights off means the microphone is in mute status.
- ② Mute switch: switch pickup status and mute status via the touching switch.
- ③ Low cut switch: set the switch to “FLAT” position to pick up the original sound. This is used in quiet environment. Set the switch to “LO-CUT” position to filter the bass ambient noise (the noises of transportation or air condition system or desktop vibration below 150Hz to make vocal clearer.
- ④ Hanging hole: it is used to hang the microphone on wall for convenient .
- ⑤ Mini XLR connector: connect with PC, video conference system, iPhone via USB data cable.

front:

side:

back:

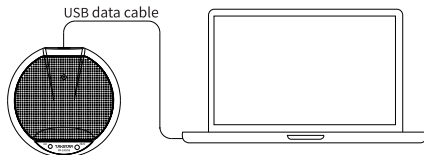


BM-630USB DIGITAL BOUNDARY MICROPHONE

■ Microphone Operation

A. Network conference

- ① Connect the microphone with PC via USB data cable. The PC identifies microphone and install driver automatically.



- ② Driver setting

Windows: set the system speaker recording equipment "TAKSTAR BM-630USB Microphone" as the default equipment.



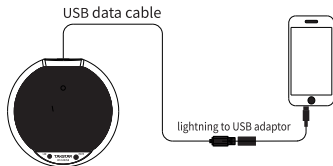
MacOS: enter into the sound setting of system preference equipment, and select "TAKSTAR BM-630USB Microphone" as the input equipment.



- ③ Connect headphone or active speaker with headphone connector of PC.
- ④ Start video conference software, live communication software or recording software for network conference, network broadcast or interview recording(in Windows system, if PC recording volume level is too high, decrease the recording volume of PC speaker recording equipment).

B. Mobile recording

- ① Connect one end of USB data cable with microphone, and the other end with Lightning to USB adaptor (buy Lightning to USB cable additionally), and then connect the adaptor with iPhone or iPad.
- ② After connecting microphone with iPhone or iPad, wait for 10 seconds, and then start the recording software.



■ Trouble Shooting

A. After turning on the microphone, LED does not light up or sound volume is unstable.

1. Check if the microphone USB plug is connected well. Reconnect it.
2. If the computer is desktop one, connect with the rear connector of the host unit. If you want to connect with iPhone or iPad, it is recommended to connect the microphone with lightning to USB adapter, then connect with the iPhone or iPad.

B. The microphone sound can not be monitored.

1. When connecting with computer for operation, user needs to select the recording equipment in the system. In the TAKSTAR BM-630USB Microphone equipment attribute items, select Monitor.
2. If iPhone or iPad is connected for live broadcast, user needs to start the monitor function of APP software, and then the microphone sound can be heard.

C. The microphone sound can not be recorded or the recorded sound volume is too low.

1. When connecting with computer for operation, check if the volume of TAKSTAR BM-630USB Microphone is set to a too low level. Increase the volume level and check the result.
2. When connecting with iPhone or iPad for operation, check if the microphone volume of APP software is set to a too low level. Increase the volume level and check the result.

D. Feedback happens after connecting with active speaker cabinet

1. If the software has eliminating feedback function, set it to ON status.
2. Keep the microphone cartridge against the active speaker cabinet, and away to a proper distance.
3. Reduce the microphone volume or the speaker cabinet output volume.

■ Cautions

To avoid electric shock, over temperature, catching fire, radiation, explosion, mechanical risk and hurt or property loss caused by improper use, please read the following items carefully before operation:

1. Adjust the volume to proper level during operation. Do not operate at high volume level to avoid hearing loss.
2. If abnormal phenomenon (smoke, abnormal smell) happens, please turn off the power switch and disconnect the power plug with power socket immediately, and send the product to local dealer for maintenance.
3. The product and accessories should be put in dry and ventilated place rather than humid or dusty environment. Prevent the product from fire, liquid, rain, water, over-colliding, throwing, vibrating, vent hole covered to avoid function destroyed.
4. When the product needs to be installed on wall or ceiling, please fix it tightly to avoid dropping risk.
5. Please abide by safety rules during operation. Do not use the product in the place prohibited by regulation or law to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid hurt. If you have question or need service, please contact the local dealer.

产品中有毒有害物质或元素的名称及含量标识表

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料部件	○	○	○	○	○	○
金属部件	×	○	○	○	○	○
电路板组件	×	○	○	○	○	○
线缆	×	○	○	○	○	○

本表格依据SJ/T 11364的规定编制。

○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。

×

此标志为产品的环保使用期限标志，

且此环保使用期限只适用于产品正常工作的温度和湿度等条件。



注意事项:

1. 本单为保修凭证, 请用户妥善保管, 如有遗失, 恕不保修或退换。
2. 保修期限制: 购买之日起十二个月内。
3. 除了不可抗力事件损坏外, 由本公司负责, 免费维修。
4. 如属保管不善或使用不当造成的损坏, 维修点将酌情收费。
5. 擅自拆卸维修者, 不予保修。
6. 以上保修条款仅限于中国市场适用 (不包含港澳台地区)。

产品服务保证书

姓名: _____ 电话: _____ 地址: _____

商品: _____ 型号: _____ 购买日期: _____ 年 ____ 月 ____ 日

维修记录栏(由维修员填写)	维修员签名	日期



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