

# TAKSTAR® 得胜



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

# BM-630USB DIGITAL BOUNDARY MICROPHONE

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## ■ 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

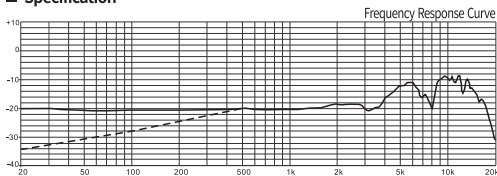
Windows、Mac、iOS

## ■ Application

Network conference, network live broadcast, interview

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## ■ 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 laboratory, and Takstar has the final interpretation right!

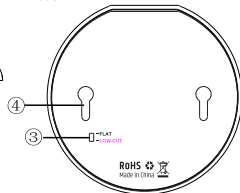
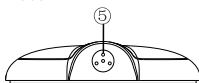
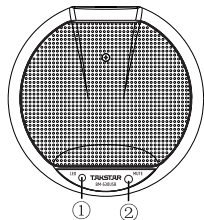
## ■ Function Instruction

- 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:

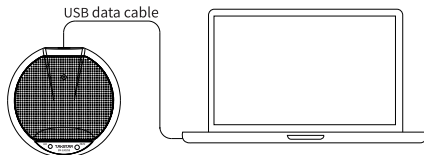


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## ■ Microphone Operation

### 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.



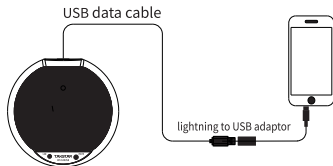
MacOS: enter into the sound setting of system preference equipment, and select "TAKSTAR BM-630USB Microphone" as the input equipment.



- 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.