

TAKSTAR® 得胜



BN30B | 台式演讲麦
Desktop Speech Microphone

BN30B Desktop Speech Microphone

■ Preface

Dear Customer,

Thank you for purchasing our product. Read this manual thoroughly for proper use.

If you have any questions or suggestions, please contact our local dealer.

■ Features

- Gooseneck microphone, speaker, and amplifier in one.
- Built-in DSP chip effectively suppresses feedback noise.
- Plug-and-play, compatible with iOS, Windows, and Android systems.
- OTG function to connect to mobiles or computers via USB and record HD lossless audio.
- Utilizes pro condenser mic capsule and ferrite speaker with 30W peak power.
- Wireless connectivity to pair with phones and laptops for audio playback.
- Supports external mics, speakers, and mixers for versatile multi-user use.
- Built-in li-ion battery, about 10hrs playtime, auto-shutdown after 15mins idle.
- Minimizes noise caused by electromagnetic or phone interference.

■ Product Contents

1 × Desktop Speech Microphone

1 × Type-C Charging Cable

1 × Adapter Cable

3 × Windscreen

1 × User Manual

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■ Applications

For meetings, video conferences, training, and educational scenarios.

■ Specifications

Main Unit Specs

- Frequency Response: 150 Hz - 12 kHz
- Rated Power: 15 W
- Peak Power: 30 W (THD+N < 10%)
- Speaker Specs: 3-inch, 4 Ω , 15 W \times 2
- Battery Type: Lithium-ion
- Battery Specs: 18650, 3.6V/3200 mAh
- Operating Voltage: DC 3.2 - 4.2 V
- Charging Voltage: DC 5 V/2 A
- Usage Time: Approx. 10 hours
- Charging Time: Approx. 4 hours
- Wireless Version: 5.3
- Wireless Range: Approx. 10 meters (line of sight)
- Battery Indicator: First light flashes if low battery; running lights while charging, stops flashing when fully charged.
- Charging Method: Type-C
- Product Size: 184 mm \times 147.6 mm \times 99 mm

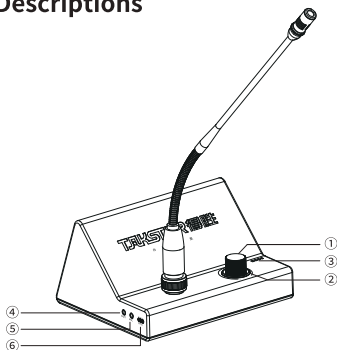
Microphone Capsule Specs

- Type: Electret condenser
- Polar Pattern: Unidirectional
- Frequency Response: 60Hz - 16kHz
- Sensitivity: -44 ± 3 dB, 680 Ω , 1.5V, $\phi 9.7 \times 5.0$ mm

Note: The above data are measured by Takstar laboratory which has the final interpretation right!

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■ Function Descriptions



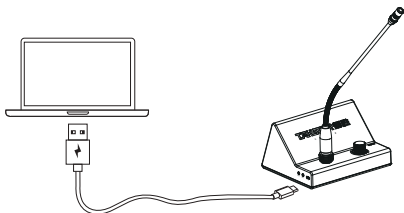
- ① Power & Mute Switch:
 - a. Rotate knob clockwise to power on; continue rotating for volume increase, opposite direction for decrease, until hearing a click sound to power off.
 - b. In powered on state, press switch to toggle mic mute.
 - c. Press and hold switch for 3 seconds to enable/disable wireless connection.
- ② Operation Indicator: Solid green when mic is active, solid red when mic muted. Flashing green if searching for wireless connection, solid green when paired, and flashing green if wireless connection lost.
- ③ Power Indicator: 4 battery level bars displayed. First bar flashes when below 20% - recharge required. Cycling bars during charging, solid green when fully charged.
- ④ LINE OUT: Connect Ø3.5mm cable to output audio to external devices.
- ⑤ MIC IN: Connect external Ø3.5mm or Ø6.35mm mic.
- ⑥ Charging/OTG: Charge with 5V/9V/12V adapter, supports OTG for lossless digital audio transfer with devices like phones and computers, and you can charge and use the device simultaneously.

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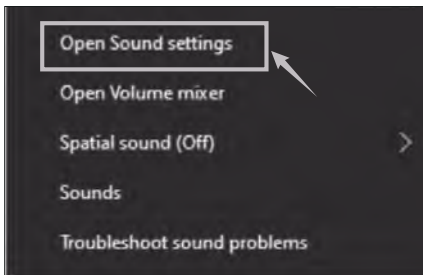
■ Operating Instructions

I. Using with a Computer

1. Connect one end of the OTG data cable to the Type-C port on the mic, and the other end to the computer. The computer will automatically detect and install the necessary drivers.

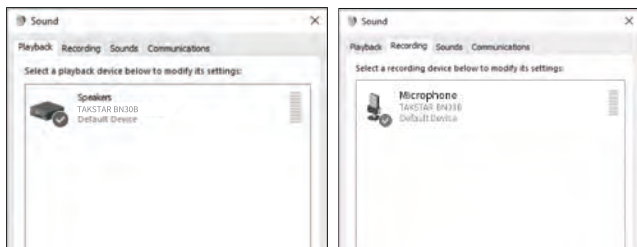


2. Right-click the speaker icon in the lower right corner of the computer's taskbar, and select "Open Sound Settings".



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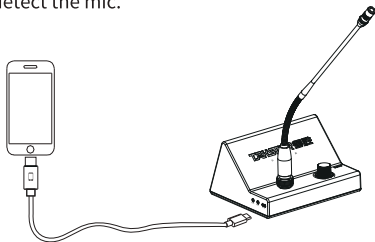
3. Select the "Sound Control Panel", go to the "Sound" settings, and set "TAKSTAR BN30B" as the default device for both "Playback" and "Recording" tabs. When speaking into the mic, the volume indicator icon will turn green and fluctuate.



4. Open video conferencing software, recording applications, or multimedia players, and you can proceed with video calls, recording, and audio playback.

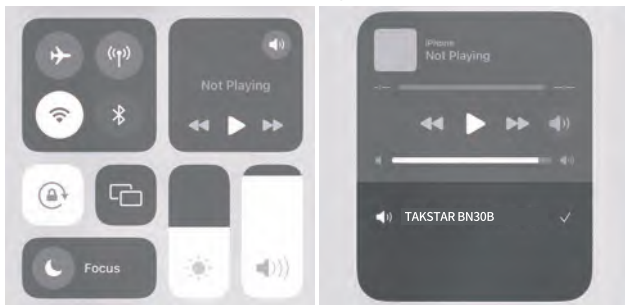
II. Using with a Mobile Phone

1. Connect one end of the OTG data cable to the Type-C port on the mic, and the other end to an Android or iOS mobile device. The phone will automatically detect the mic.



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2. If connecting to an iOS device, swipe down from the top right of the phone screen to access the audio output management interface, and verify that "TAKSTAR BN30B" is displayed, indicating a successful connection.



3. This product is compatible with most Android smartphones with OTG functionality. However, some phones and applications may have limitations on OTG support. To ensure a good user experience, we recommend confirming OTG support for your specific mobile device, as some models (e.g., OPPO, VIVO) may require enabling OTG in the settings.

III. Wireless Pairing

When using the mic for the first time, you need to pair it with a mobile device or wireless playback device:


1. Press and hold the power switch for 3 seconds to enable the wireless connection feature. The operation indicator light will flash green, indicating it has entered the search and pairing mode.
2. Go to the "Settings" menu on your mobile device, find the wireless connection list, and search for "TAKSTAR BN30B" to connect. Once successfully paired, the indicator light will become solid.

■ Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
3. Power adapter used, if any, should be approved by CCC certification or similar standards and comply with the power supply requirements.
4. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
5. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
6. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
7. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

■ Label Meanings

 This device is compliant with the limits of the European Council Directive on the approximation of the laws of the member states relating to electromagnetic compatibility according to RL2004/108/EG and European Low Voltage Directive RL2006/95/EG.

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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 to 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.

Changes or modifications not expressly approved by the complying party may cause the user to lose permission to operate the device.

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.

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This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.

■ About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: <https://www.takstar.com/>

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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

◆ 广东得胜电子有限公司 ◆ 电话: 400-6828-333 ◆ 地址: 广东省惠州市博罗县龙溪街道富康一路2号



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地址：广东省惠州市博罗县龙溪街道富康一路2号

服务热线：400 6828 333 传真：0752 6383950

邮箱：xs@takstar.com

网址：www.takstar.com

Guangdong Takstar Electronic Co., Ltd.

Address: No. 2 Fu Kang YiRd., Longxi Boluo

Huizhou, Guangdong 516121 China

Tel: 86 752 6383644 Fax: 86 752 6383952

Email: sales@takstar.com

Website: www.takstar.com