

# TAKSTAR® 得胜



**BN30B** | 台式演讲麦  
Desktop Speech Microphone

# BN30B 台式演讲麦

## ■ 前言

尊敬的用户：

感谢您选购得胜BN30B台式演讲麦，为了您能够更好的了解使用本产品，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

- 麦克风、扬声器、功放集于一体的鹅颈麦，现场扩音，操作简单；
- 内置DSP啸叫抑制芯片，有效抑制啸叫杂音；
- 免驱动，即插即用，兼容iOS、Windows及Android系统；
- 具备OTG功能，可通过USB与手机、电脑连接实现高清无损录音；
- 采用专业电容音头、铁氧体喇叭，声音大而清晰，峰值功率30W；
- 无线连接功能，可配对手机、笔记本电脑等设备进行音频播放；
- 支持外接麦克风、音箱、调音台使用，满足多人多种场合使用需求；
- 内置大容量锂电池，续航约10小时，待机15分钟后自动关机，节能省电；
- 会议麦克风在使用过程中有效消除因电磁或手机干扰产生的噪声。

## ■ 产品配置

台式演讲麦 .....	1台
Type-C充电线 .....	1条
转换线 .....	1条
防风棉 .....	3个
说明书 .....	1份

## ■ 适用范围

适用于会议、视频会议、教学培训等场景

# BN30B 台式演讲麦

## ■ 技术参数

### 主机参数

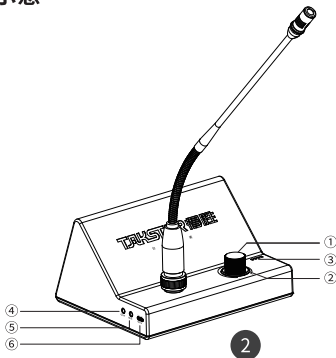
- 频率响应: 150Hz-12kHz
- 额定功率: 15W
- 峰值功率: 30W THD+N<10%
- 扬声器规格: 3寸 4Ω 15W ×2
- 电池类型: 锂离子电池
- 电池规格: 18650单节 3.7V/2600mAh
- 工作电压: DC3.2-4.2V
- 充电电压: DC 5V/2A
- 使用时间: 约10小时
- 充电时间: 约4小时
- 无线连接版本: 5.3
- 无线连接距离: 约10 米 (无障碍物)
- 电量指示: 电池电量低时第一格灯闪烁, 充电时以跑马灯形式显示, 当充满电时停止闪烁
- 充电方式: Type-C
- 产品尺寸: 184mm\*147.6mm\*99mm

### 拾音器音头参数

- 拾音器音头参数
- 拾音器: 驻极体
- 指向性: 单指向
- 频率响应: 60Hz-16KHz
- 灵敏度: -44±3dB 680欧 1.5V φ9.7X5.0mm)

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



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## ① 电源&静音开关：

a. 顺时针方向转动旋钮，听到“哒”一声，表示麦克风已开机，此时指示灯

② 绿灯常亮；继续向“+”方向旋转音量逐渐增大，反之音量减小，直至听到“哒”一声关机。

b. 开机状态下，点按开关可控制麦克风静音开启与关闭的循环切换。

c. 长按开关3秒，开启或关闭无线连接功能。

② 工作指示灯：拾音状态常亮绿灯；静音状态常亮红灯。在无线连接搜索配对状态下，指示灯绿灯闪烁，配对成功指示灯常亮，断开连接绿灯闪烁。

③ 电源指示灯：电量格数显示为4格，当电量低于20%时，第一格指示灯闪烁，需及时充电。充电时，指示灯呈跑马灯形式点亮；满电时，指示灯绿色满格显示。

④ LINE OUT接口：通过Ø3.5mm音频线连接，将音频输出给其他含音源输入的设备如音箱、调音台等。

⑤ MIC输入接口：可外接Ø3.5mm 或 Ø6.35mm接口的麦克风使用。

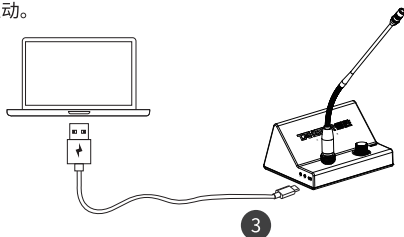
⑥ 充电/OTG接口：连接市面通用电压5V/9V/12V等充电器为麦克风充电。

同时支持OTG功能，通过OTG数据线与手机、电脑等设备连接实现无损数字传输，可边充边用。

## ■ 使用说明

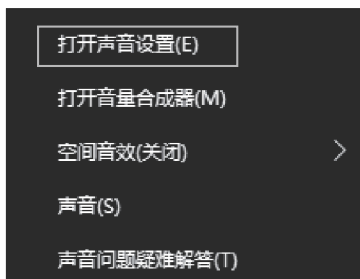
### 一、连接电脑使用

1. 使用OTG数据线一端接入麦克风的Type-C接口，另一端连接至电脑，电脑自动识别驱动。



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2. 鼠标右键单击电脑状态栏右下角的扬声器图标，选择“打开声音设置”。



3. 选择“声音控制面板”，进入“声音”设置界面，将“播放”“录制”选项中“TAKSTAR BN30B”设置为默认设备。当使用麦克风说话时，麦克风的音量指示图标呈绿色并跳动。

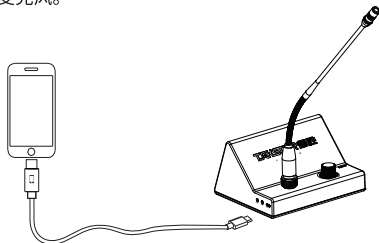


4. 打开视频会议软件、录音或多媒体播放软件，即可进行视频会议、录音及音频播放等操作。

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## 二、连接手机使用

1. 将OTG数据线一端连接至麦克风的Type-C接口，另一端与安卓或苹果手机连接，手机自动识别麦克风。



2. 若所连设备为苹果手机，可右上角下滑手机屏幕，然后点击喇叭图标进入音频输出管理界面，查看设备是否显示为“TAKSTAR BN30B”，如是则表明连接成功。如图所示：



3. 本产品与大部分带OTG功能的智能安卓手机兼容，个别手机和应用软件可能会限制OTG功能。为保障使用体验，建议您在使用前先行确认您的手机是否支持OTG功能，如OPPO、VIVO等品牌的部分机型需开启OTG功能才能正常使用。

## 三、无线播放配对

首次使用本机时，需要与手机或无线播放设备配对连接，步骤如下：


1. 长按麦克风电源开关3秒开启无线连接功能，工作指示灯绿灯闪烁，表示已进入搜索配对状态。
2. 打开手机或其他移动设备“设置”菜单，找到无线连接列表，搜索“TAKSTAR BN30B”进行连接，连接成功后，指示灯恢复常亮。


## ■ 安全警示

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. 使用产品时请确认所连设备与本产品是否匹配以及合理调整音量大小，不要在超过产品功率及大音量下长时间使用，以免造成产品异常；
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，然后将产品送售后服务网点检修；
3. 消费者若使用电源适配器供电，则应购买配套使用获得CCC认证并满足标准要求的电源适配器；
4. 本产品及配件都应放置在室内干燥通风处，请勿长期存放在潮湿、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、振动本机及覆盖通风孔，以免损坏其功能；
5. 若产品需要固定于墙壁或天花板时，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；
6. 使用该产品时需遵守相关安全规定，法律法规明确禁止使用场合请勿使用本产品，以免导致意外事故；
7. 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售后服务网点跟进处理。

## ■ 关于图标含义解释

 根据RL2004/108/EG和European Low Voltage Directive（欧洲低电压指令）RL2006/95/EG的测试结果表明，本产品符合欧共体关于电磁兼容性的成员国法律整合的指令中所规定的限值。

 未经合规方明确批准的变更或修改可能会使用户失去操作设备的权限。此设备符合FCC规则第15条部分的要求。操作须符合以下两个条件：

- (1) 此设备可能不会造成有害干扰；
- (2) 此设备必须接受接收到的任何干扰，包括可能导致意外操作的干扰。

 此符号表示，根据WEEE指令(2012/19/EU)和国家法律，由于这种类型的废弃物会有潜在的有害物质，可能对环境 and 人类健康产生负面影响，所以  
 本产品不应与您的家庭垃圾一起处置，应将本产品交由授权的电气和电子设备（WEEE）回收站回收。同时，您在正确处理本产品的同时将有助于自然资源的有效利用。如需了解更多有关您可以在何处放置废物回收设备的信息，请联系您当地的城市办事处、废物管理局或家庭废物处理服务部门。



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## ■ 环保说明

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	×	○	○	○	○	○
<p>本表格依据SJ/T 11364的规定编制。</p> <p>○: 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。</p> <p>×: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572规定的限量要求。</p>						
<p>此标志为产品的环保使用期限标志， 且此标保使用期限只适用于产品正常工作的温度和湿度等条件。</p>						

## ■ 关于本说明书

本说明书中内容符合截止印刷之日的技术规格。由于得胜公司会不断改进产品，本说明书可能不符合您的特定产品的技术规格。要获取最新版说明书，请访问得胜官网，然后下载说明书文件。技术规格、设备或另售的附件在各个地区可能有所不同，如有问题请与当地得胜销售网点确认。如需更多支持和深层产品信息，请浏览得胜官方网站：<https://www.takstar.com>

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# BN30B Desktop Speech Microphone

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## ■ 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

# BN30B Desktop Speech Microphone

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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  $\Omega$ , 15 W  $\times$  2
- Battery Type: Lithium-ion
- Battery Specs: 18650, 3.7V/2600mAh
- 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

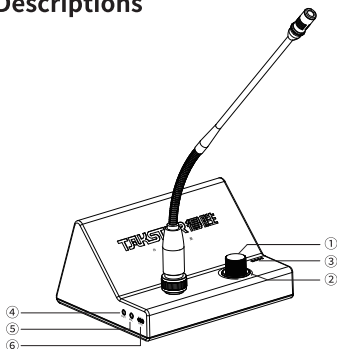
- Type: Electret condenser
- Polar Pattern: Unidirectional
- Frequency Response: 60Hz - 16kHz
- Sensitivity:  $-44 \pm 3$  dB, 680 $\Omega$ , 1.5V,  $\phi 9.7 \times 5.0$ mm

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

# BN30B Desktop Speech Microphone

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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.

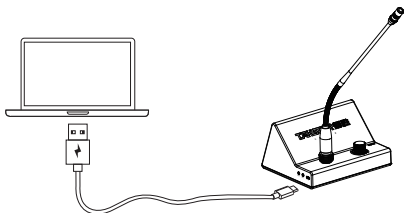
# BN30B Desktop Speech Microphone

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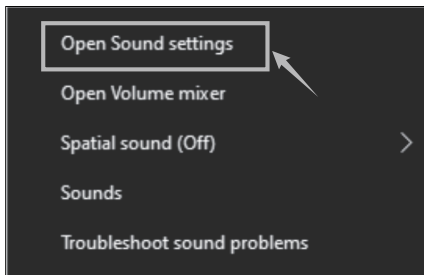
## ■ Operating Instructions

### 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.

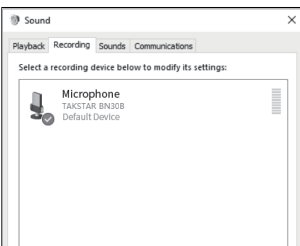
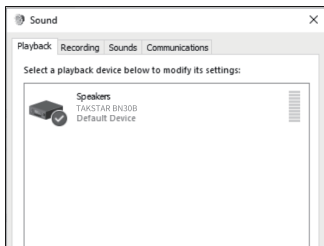


2. Right-click the speaker icon in the lower right corner of the computer's taskbar, and select "Open Sound Settings".



# BN30B Desktop Speech Microphone

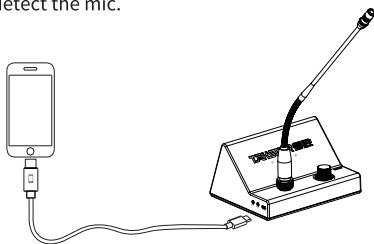
3. Select the "Sound Control Panel", go to the "Sound" settings, and set "TAKSTAR BN30B" as the default device for both "Playback" and "Recording" tabs. When speaking into the mic, the volume indicator icon will turn green and fluctuate.



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

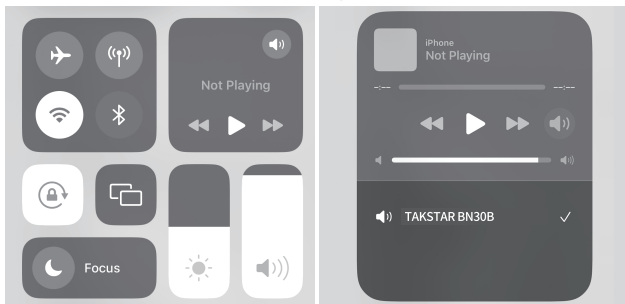
## II. Using with a Mobile Phone

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.



# BN30B Desktop Speech Microphone

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.

# BN30B Desktop Speech Microphone

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## ■ 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.

# BN30B Desktop Speech Microphone

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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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