TAKSTAR® 得胜

科声系列 TKS SERIES

PC-K220USB

数字录音麦克风
DIGITAL RECORDING MICROPHONE

优声畅播

PC-K220USB
Side-address Microphone

使用手册
User Manual

PC-K220USB 数字录音麦克风

■ 前言

尊敬的用户：

　　感谢您选购得胜PC-K220USB数字录音麦克风，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

- 专为直播带货、网络播音、后期配音、弹唱录音等场合而设计的数字录音麦克风；
- 内置USB声卡芯片，兼容windows、iOS、Mac系统，免驱动，即插即用；
- 采用心型电容音头，拾音灵敏、声压强，真实还原每一个声音细节；
- 麦克风及耳机音量控制旋钮，方便调节麦克风输入增益及耳机输出音量；
- 超低延迟耳返，方便录音过程中实时监听录音效果；
- 具有工作指示灯，麦克风工作状态一目了然；
- 采用锌合金管体，坚固耐用，沉稳大气；
- 套装配置，配送麦克风夹子、三脚支架及防风棉，方便用户使用。

■ 适用范围

直播带货、网络播音、后期配音、弹唱录音等

■ 系统要求

兼容windows 7/8/10、OSX 10.9和iOS12及以上操作系统

注：由于苹果设备操作系统版本跨度较大，为保证良好的兼容性和使用体验，我们建议更新至最新版系统。

PC-K220USB 数字录音麦克风

■ 包装清单

麦克风……………………………………………………………………1支
USB数据线（规格：Φ4mm*2m）………………………………………1条
麦克风夹子………………………………………………………………1个
三脚支架…………………………………………………………………1个
防风棉……………………………………………………………………1个
说明书……………………………………………………………………1份

■ 技术参数

数据传输：USB2.0
采样率：44.1/48KHz
比特率：16bit
频率响应：20Hz-20KHz
拾音器：Φ16mm电容音头
指向性：心型
灵敏度：-14dB±3dB（0dB=1V/Pa/m at 1KHz）
输出灵敏度：-5dB±3dB
最大声压级：≥108dB（at 1KHz, 1%THD）
供电模式：USB（DC 5V⎓100mA）
耳机输出峰值功率：≥120mW（32欧负载）
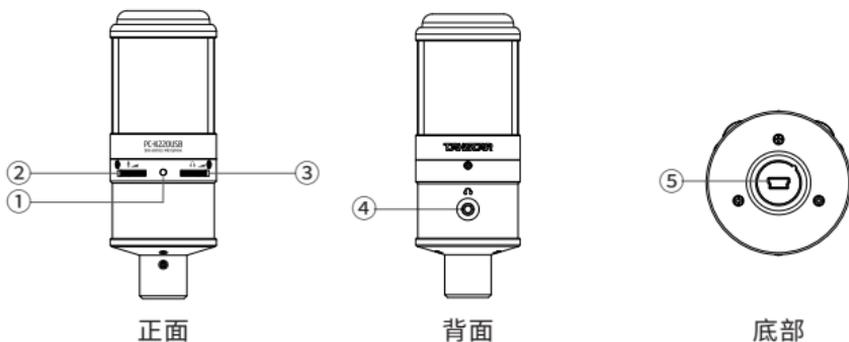耳机输出失真度：≤0.1%（at 1KHz/Pa, A-Weighted）
耳机输出阻抗：32Ω
耳机信噪比：65dB（A-Weighted）
单体重量：约371g
尺寸：Φ54 x 128mm

注：以上数据由得胜实验室测试得到，并拥有最终解释权！
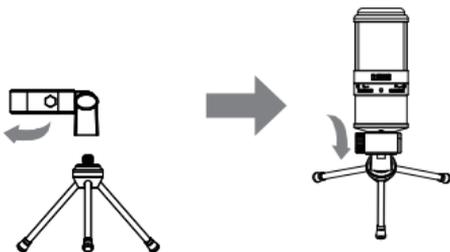
PC-K220USB 数字录音麦克风

■ 功能示意

正面　　　　　　　背面　　　　　　　底部

① 工作指示灯：麦克风与电脑或手机连通时，指示灯常亮绿灯，表示麦克风
进入工作状态。断开USB数据线，指示灯熄灭。信号过载时，指示灯由绿
灯变为红灯；

② 话筒音量旋钮：调节麦克风音量大小。向右旋转增大麦克风音量，向左旋
转减小麦克风音量；

③ 耳机音量旋钮：调节监听音量大小。向右旋转增大监听音量，向左旋转减
小监听音量；

④ 耳机接口：连接Φ3.5mm立体声耳机，实时监听麦克风声音及电脑播放的
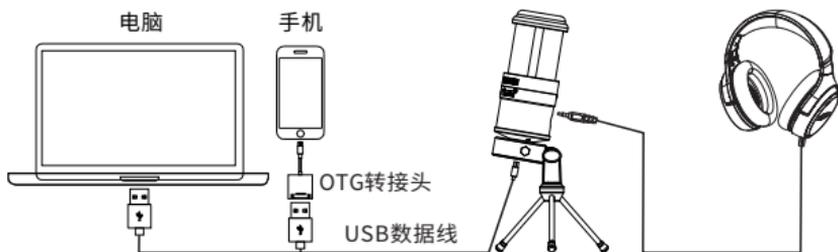声音；

⑤ Mini USB接口：用于连接电脑或手机使用。

　　提示：如需连接iphone或ipad则需要另外购买苹果相机套件。我们强烈建
议购买苹果原装相机套件，否则可能会出现兼容性的问题。

■ 安装说明

1. 将三脚支架展开放置于平整桌面，将夹子螺丝孔按顺时针方向旋接到三脚支架顶部的螺柱上；

2. 麦克风印有"PC-K220USB"产品型号的一面为正面，确保将麦克风的这一面对准声源，安置到麦克风夹子中。调整麦克风至合适的角度，旋紧麦克风夹子的螺母至完全夹紧麦克风。建议麦克风安装固定好后正面朝上，底部螺母朝下，以防麦克风夹不紧时从麦克风夹子中脱落造成损坏；如图所示

3. 将USB数据线插入麦克风底部，另一端与电脑或手机连接。连接苹果手机需要通过苹果相机套件转接，安卓手机需要通过Type-C转接头转接（此两样转接头需要自行另购）。将耳机连接到麦克风背面的Φ3.5mm耳机接口。如图所示

连接示意图

■ 拆卸说明

1. 拆卸时，先将USB数据线取下；如图1所示
2. 逆时针时时针放松夹子螺母，将麦克风取出；如图2所示
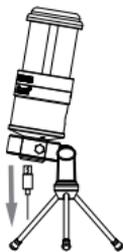3. 握住三脚支架，将麦克风夹子按逆时针方向旋转从支架上分离。如图3所示

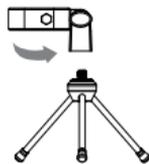图1   图2   图3

■ 使用说明

在电脑上使用PC-K220USB时，需将音频选项设置为TAKSTAR PC-K220 USB，以下就以 Windows7和MAC OSX系统操作系统为例进行介绍，其他系统版本操作过程及方法相似，此处不再举例。

在完成设备的连接和音频设置后，开启相应的视频软件、直播软件或K歌软件，根据实际情况调整麦克风的音量及监听音量至合适大小即可。

一、Windows 7 的设置

① 将提供的USB数据线mini端接口与麦克风连接，另一端与电脑USB端口连接，等待麦克风工作指示灯亮起后进入下一步操作（如麦克风工作指示灯没有亮起，请尝试连接电脑其他USB接口或参照故障说明部分内容）；

PC-K220USB 数字录音麦克风

② 完成连接后，电脑自动识别USB设备和安装驱动程序，选择TAKSTAR PC-K220USB作为音频设备。在开始菜单>控制面板>硬件和声音>声音>管理音频设备；将默认播放设备选择为TAKSTAR PC-K220USB；如图所示

③ 将默认录制设备选择为TAKSTAR PC-K220USB；如图所示

④ 将设备属性的"级别"音量调到100%，完成以上操作后确定保存退出即可。如图所示

二、MAC OSX 的设置

① 将提供的USB 数据线mini端接口与麦克风连接，另一端与电脑USB端口连接，等待麦克风工作指示灯亮起后进入下一步操作；（如麦克风工作指示灯没有亮起，请尝试连接电脑其他USB接口或参照故障排除部分内容）

② 完成连接后，电脑自动识别USB设备和安装驱动程序，选择TAKSTAR PC-K220USB作为音频设备。首先，打开系统偏好设置；如图所示

③ 单击声音图标进入声音偏好面板；如图所示

④ 单击输入选项，选择TAKSTAR PC-K220USB作为默认音源输入设备；
如图所示

⑤ 单击输出选项，选择TAKSTAR PC-K220USB作为默认音源输出设备，通
常选项会自动匹配；如图所示

⑥ 完成以上操作后保存退出即可。

三、iOS的设置

① 将提供的USB 数据线mini端接口与麦克风连接，另一端与苹果相机套件
连接（苹果相机套件需自行另购），然后将苹果相机套件连接到苹果手
机的USB数据线接口，等待麦克风工作指示灯亮起后进入下一步操作（如
麦克风工作指示灯没有亮起，请尝试连接电脑其他USB接口或参照故障排
除部分内容）；如图所示

苹果手机

苹果相机套件

USB数据线

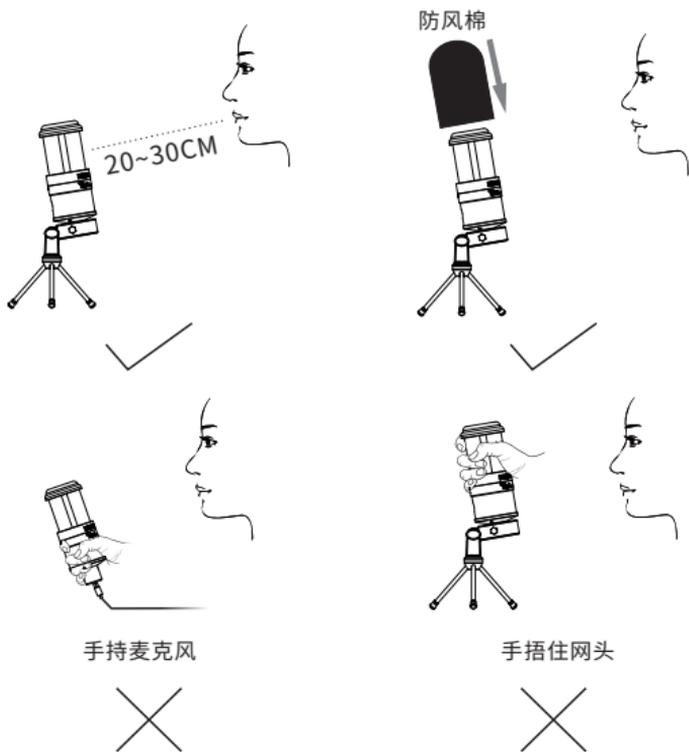② 完成连接后，苹果手机自动识别USB设备，并默认将TAKSTAR
PC-K220USB做为默认设备。

四、iOS兼容模式

　　PC-K220USB麦克风可直接通过USB与ipad、iphone连接实现录音、直
播、音乐鉴赏等操作。如果iOS系统版本过低，可能会出现不兼容的情况，具
体看看iOS系统版本而定。我们强烈建议购买苹果原装相机套件。如果ipad、
iphone后面板装有保护壳，相机套件的插头可能发生插不紧或接触不良的情
况，如果出现这种问题，请取下保护壳。为保证良好的兼容性和使用体验，
建议您更新至最新版系统。

　　如果出现麦克风与连接ipad、iphone设备出现不兼容时，此时ipad、
iphone会检测到一个不兼容的USB设备，并显示提示信息"不可使用的设备
——连接的USB设备不被支持"。在较新版本的iOS中，连接后会显示设备名称。
提示：PC-K220USB麦克风还可以通过USB兼容部分安卓手机，由于市面上
安卓手机品牌及系统版本部分过多，具体兼容机型，要视实际应用情况而定，
您可以自行测试，我们不便做出推荐。

■ 注意事项

1. 嘴部与麦克风保持距离建议在20~30CM之间。太近会引起调制过大而产生信号失真，太远的灵敏度不够，将会降低信噪比；

2. 不能用手捂住麦克风网头，否则容易影响麦克风正常的声音拾取；

3. 麦克风最好安装固定到支架上使用，不要手持麦克风，手持容易产生噪音的传导以及长时间的汗液腐蚀影响麦克风的使用寿命；

4. 建议麦克风使用时，套上提供的防风棉或在麦克风前面安装一个防风网，这将有效防止喷麦声以及口水喷溅到音头上使音头受潮从而影响麦克风的使用寿命；

5. 尽可能不要连接音箱使用，如需连接音箱，请尽可能拉开麦克风与扬声器的距离，避免麦克风和扬声器相对，以免产生回馈啸叫。

防风棉

20~30CM

手持麦克风　　　　　　　　　手捂住网头

■ 故障处理

一、麦克风连接后工作指示灯不亮

请检查麦克风USB线材是否连接到位，请重新插拔或连接到其它USB端口再试。

二、播放音乐无声音

1. 检查麦克风与手机或电脑连接的线材是否连接到位，请重新插拔后再试；
2. 检查耳机是否连接到位，请重新插拔后再试；
3. 检查麦克风的耳机音量是否调得过小，可调节麦克风的耳机音量看是否恢复正常；
4. 检查电脑或手机APP音量是否调得过小，可调节电脑或手机APP的音量看是否恢复正常。

三、麦克风没声音

1. 检查麦克风是否连接到位，请重新插拔后再试；
2. 检查麦克风音量或耳机音量是否调得过小，调节麦克风音量及耳机音量看是否恢复正常。

四、无法录制麦克风声音或录制声音过小

1. 检查麦克风与手机或电脑连接的线材是否连接到位，请重新插拔后再试；
2. 检查录音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；
3. 检查电脑的录制设备音量是否调得过小，调大之后看是否能恢复正常。

五、手机直播时听到双重音

有部分手机直播APP没有耳返关闭功能，这会造成直播时麦克风返听有双重音。当直播APP没有耳返关闭功能时，请将手机的音量调到最小。

■ 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. 使用产品时适当调整音量大小，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. 本产品及附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、振动本机及覆盖通风孔，以免损坏其功能；
4. 清洁设备时，使用柔软的干布，请勿使用涂料稀释剂、溶剂、清洁液或浸了化物质的抹布；
5. 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，未经同意对本设备进行自行拆机改装或维修，可能会失去由得胜公司提供的保修服务；
7. 请使用厂商指定的附件。

■ 关于图标含义解释

CE 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。

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，可能对环境和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，应将本产品应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，请有效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。

FC 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，并且

(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。

■ 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经销商确认。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/

■ 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	×	○	○	○	○	○

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。

×：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。

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。

PC-K220USB DIGITAL RECORDING MICROPHONE

■ Product

Dear Customer,

Thank you for purchasing TAKSTAR PC-K220USB digital recording 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

- The digital microphone tailored for influencer marketing, webcast, post dubbing, recording.
- Built-in USB sound card chip, compatible with windows/iOS/Mac system, without driver, plug and play.
- Cardioid condenser cartridge, high sensitivity and sound pressure, reproducing every sound detail.
- Mic and headset volume control to adjust mic in gain and headset out volume conveniently.
- Ultra-low delay monitoring to monitor the recording effect at real time.
- Operation LED for intuitive display of mic operation status.
- Zinc alloy housing, solid structure .
- Designed with mic clip/stand/windscreen for convenient application.

■ Application

Webcast, influencer marketing, post dubbing, recording the singing or playing, etc

■ Compatibility

Compatible with windows 7/8/10, OSX 10.9 and iOS12 and more advanced operation system
Note: due to the big difference of different iOS system, to ensure the compatibility and better application, it is recommended to update to the latest version system.

PC-K220USB DIGITAL RECORDING MICROPHONE

■ Product content

Microphnoe···1pc
USB data cable（dimension：Φ4mm*2m）·························1pc
Mic clip···1pc
Stand···1pc
Windscreen···1pc
User manual··1pc

■ Specification

Data Transmission：USB2.0
Sample Rate：44.1/48KHz
it Rate：16bit
Frequency Response：20Hz-20KHz
Cartridge：Φ16mm condenser cartridge
Polar Pattern：cardioid
Sensitivity：-14dB±3dB (0dB=1V/Pa/m at 1KHz)
Output Sensitivity：-5dB±3dB
Max SPL：≥108dB (at 1KHz, 1%THD)
Power Supply：USB (DC 5V ⎓ 100mA)
Headset Out Peak Power：≥120mW (output 1mW, A weighted,
                                            plus 32 Ohm load)
Headset Out Distortion：≤0.1%（at 1KHz/Pa, A-Weighted)
Headset Out Impedance：32Ω
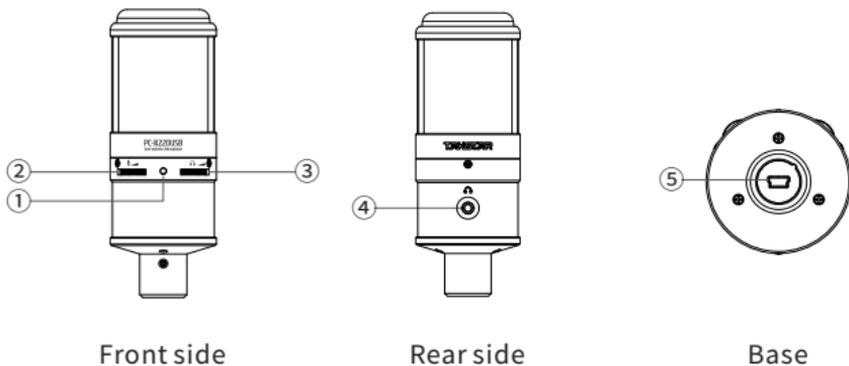Headset S/N Ratio：88dB (A-Weighted)
Net Weight：approximate 371g
Dimension：Ø54 x 128mm

Note: the above data are tested by Takstar laboratory and Takstar has the right of final interpretation!

PC-K220USB DIGITAL RECORDING MICROPHONE

■ **Function instruction**
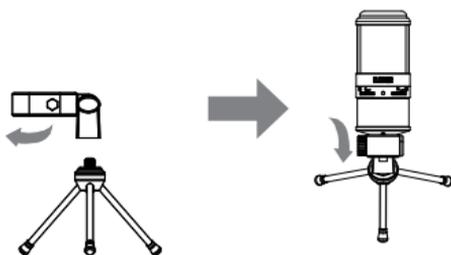

Front side   Rear side   Base

① When the mic or PC or cell phone is connected, it keeps lighting up green. This means the mic enters into operation status. Disconnect USB cable. LED lights off. When the signal is overloaded, LED turns green to red.

② Adjusts mic volume. Turn it to right to increase the volume and vice versa.

③ Adjusts headset volume. Turn it to right to increase the volume and vice versa.

④ Connects with Φ3.5mm stereo headset to monitor mic sound and PC sound.

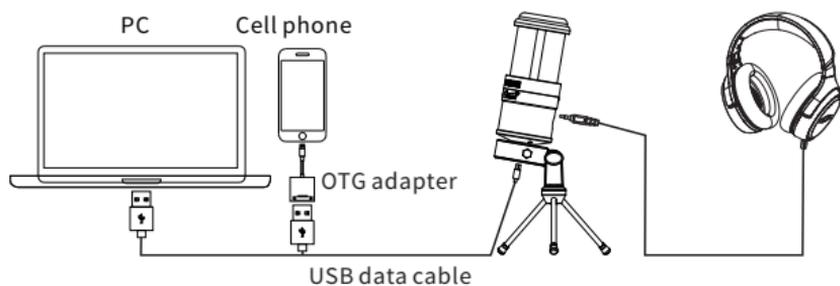⑤ Used to connect with PC/cell phone.
   Note: to connect to an iPhone or iPad, you need to purchase an apple camera kit. We strongly recommend purchasing apple's original camera kit, otherwise there may be compatibility issues.

■ **Installation instruction**

1.Unfold the stand. Turn the clip nut clockwise onto the top of the stand.
2.put the side marked with "PC-K220USB" to the front to ensure the microphone is facing to the audio source. Assemble the mic onto the clip.   Adjust the microphone to a proper angle. Tighten the mic clip nut to fix the microphone. It is recommended to put the mic front side upward and nut side downward to prevent from mic damage due to dropping risk. Refer to the figure below:

3.Connect data cable USB with mic, and the other end with PC/cell phone. iPhone needs the relative camera part to connect and Android cell phone needs Type-C adapter to connect (buy additionally). Connect the headset with Φ3.5mm connector of mic. refer to the figure below:

PC   Cell phone

OTG adapter

USB data cable

Connection diagram

■ **Uninstallation instruction**

1. Uninstall the cable: firstly disconnection USB data cable. Refer to the figure 1 below:
2. Uninstall the mic: counterclockwise turn the clip nut and take out the microphone. Refer to the figure 2 below:
3. Uninstall the stand: hold the stand. Turn the mic clip counterclockwise and uninstall the clip from the stand top. Refer to the figure 3 below:
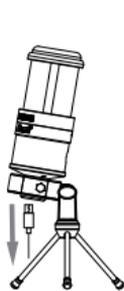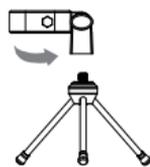

Figure 1   Figure 2   Figure 3

■ **Operation instruction**

When operating PC-K220USB on PC, you need to select TAKSTAR PC-K220USB as audio item. Set Windows7 and MAC OSX as example:

After equipment connection and audio setting, turn on the video software / webcast software / Karaoke software. Adjust the mic volume and monitor vo lume to a proper level.

A. Windows 7 setting
① Connect mini connector of USB data cable with mic, and the other end with PC USB. After the mic operation LED lights up, start the next step operation(if it does not lights up, refer to trouble shooting to solve the problem).

PC-K220USB DIGITAL RECORDING MICROPHONE

② After connection, the PC identifies USB equipment and install driver program. Select TAKSTAR PC-K220USB as audio equipment. Refer to the figure below:

③ Set TAKSTAR PC-K220USB as the default recording equipment. Refer to the figure below:

④ Set the volume to 100%. After finishing the steps mentioned above, save it and confirm and exit. Refer to the figure below:
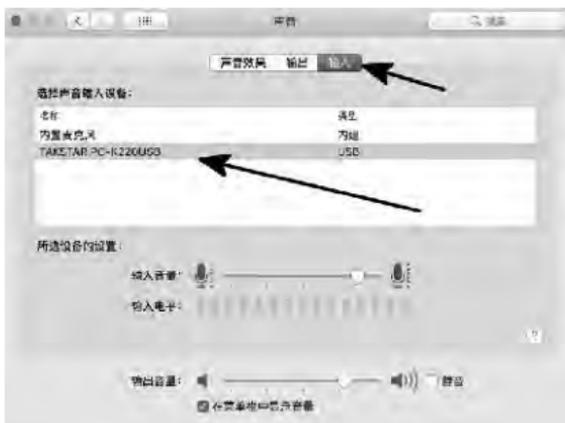
B. MAC OSX setting

① Connect mini connector of USB data cable with mic, and the other end with PC USB. After the mic operation LED lights up, start the next step operation (if it does not lights up, refer to trouble shooting to solve the problem).

② After connection, the PC identifies USB equipment and install driver program. Select TAKSTAR PC-K220USB as audio equipment. Firstly select system preferences setting. Refer to the figure below:

③ Click SOUND to enter into sound preference panel. Refer to the figure below:

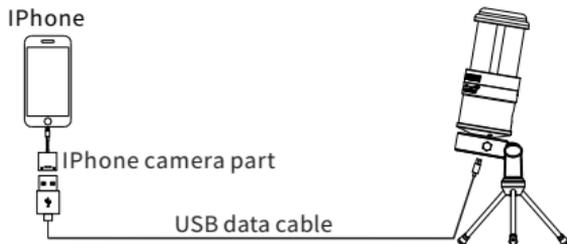④ Click input item, and select TAKSTAR PC-K220USB as the default audio input equipment. Refer to the figure:

⑤ Click OUTPUT and select TAKSTAR PC-K220USB as the default audio output equipment. Generally the item will match automatically. Refer to the figure below:

⑥ After finishing the steps mentioned above, save it and exit.

C. iOS setting

① Connect mini connector of USB data cable with mic, and the other end with iPhone camera part (buy additionally), and then connect iPhone camera part with Lightning connector. When the mic operation LED lights up, start the next step operation (if LED does not light up, refer to trouble shooting section to solve the problem. Refer to the figure.

② After connection, iPhone identifies USB equipment and set TAKSTAR PC-K220USB as default equipment.

C. iOS compatible mode

PC-K220USB mic can connect with ipad/iphone via USB for recording, webcast, music appreciation.
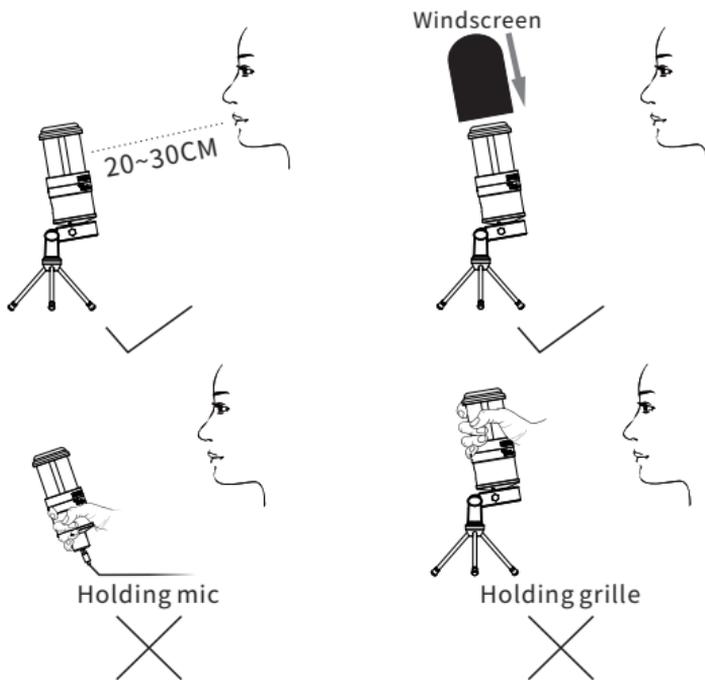
If iOS version is too low, it may leads to imcompatibility problem. This depends on iOS system version. It is strongly recommended buy iphone camera part. If the iphone camera part connector has bad connection, take out the cell phone cover. We recommend that you update the system to the latest version.

When the mic is imcompatible with the connected ipad/iphone, ipad/iphone detects the imcompatible equipment, and display "unsupported USB equipment". In the new version iOS, it displays the connected equipment name.

Note: PC-K220USB mic can be compatible with some Android cell phones. Due to too many Android system versions, the compatibility depends on the specific version.

■ **Caution**

1. It is recommended to put the microphone 20~30cm away from mouth. Too close distance leads to signal distortion, and too far leads to reduce S/N ratio.
2. Do not hold the grille by your hand, otherwise it affects the microphone picking up.
3. It is the best to fix the microphone on a stand for operation, but not hold the microphone by your hand because holding generates noise transmission and sweat corrodes the microphone.
4. It is recommended to use a windscreen on microphone to prevent from pop noise.
5. Try not to use speaker cabinet as much as possible. If you need to use speaker cabinet, put the microphone away from speaker cabinet and do not point the microphone to the speaker to prevent from feedback.

Windscreen

20~30CM

Holding mic

Holding grille

■ **Trouble shooting**

A.LED does not light up after the mic is connected.
Check if data cable is connected well. Try to reconnect it and then check the result.

B.No sound when playing music
1. Check if the mic has been connected well with cell phone or PC. Reconnect and then try it.
2. Check if the headset has been connected well. Reconnect and then try it.
3. Check if the headphone has connected well. Reconnect and then try it.
4. Check if the APP volume has been set too low. Adjust the APP volume and check the result.

C.Microphone has no sound
1. Check if the mic has been connected well. Reconnect and then try it.
2. Check if the volume of microphone or earphone is set too low, and adjust the volume of microphone or headset to see if it returns to normal status.

D.The mic sound can not be recorded or the recorded sound is too low
1. Check if the mic is connected well with PC or cell phone. Reconnect and check the result.
2. Check if the mic volume in software is set to a too low level. Adjust it and check the result.
3. Check if the recording equipment volume is set to a too low level. Adjust it and check the result.

E.Cell phone webcast has two sound
Some cell phones APPs have no turning off function for monitoring, This leads to two mic monitoring voices during webcast. If so, set the cell phone volume to minimum level.

■ Safety instruction

To avoid electric shock, over temperature, catching fire, 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 over-power or high volume level for a long time 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, 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 liquid, rain, water, over-colliding, throwing, vibrating, vent hole covered to avoid function destroyed.

4. When cleaning the equipment, use soft dry cloth. Do not use paint thinner, solvent, cleaning liquid or cloth soaked with chemical substances.

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.

7. Only use the designated accessories by supplier.

■ Icon meaning

$C\!\in$ According to the test results of RL2004 / 108 / EG and European low voltage directive RL2006 / 95 / EG, this product conforms to the limit values specified in the directive of the European Community on the integration of the laws of the member states on electromagnetic compatibility.。

This symbol indicates that according to WEEE Directive (2012 / 19 / EU)and national laws, this type of waste will have potential harmful substances, which may have a negative impact on the environment and human health, so this product should not be disposed together with your household waste, and should be handed over to the authorized electrical and electronic equipment (WEEE) recycling station for recycling. At the same time, when you handle this product correctly, it will help the effective use of natural resources. For more information on where you can place your waste recycling equipment, please contact your local city office, Waste Management Bureau or household waste treatment service.

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 aresidential 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 totry 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 into 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 party responsible for compliance could void the user's authority to operate the equipment. 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 maycause undesired operation.

■ Safety instruction

For more information, please visit our website: https://www.takstar.com/. Takstar reserves the final interpretation right!

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

扫一扫，了解更多产品
Scan for more
product information

GB/T 14198-2012
9TS20USBS1A