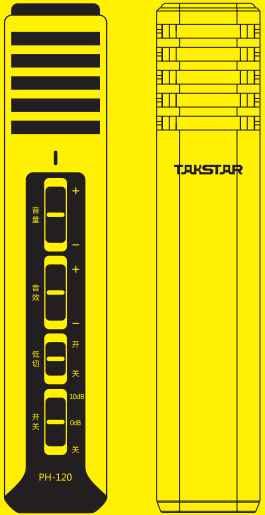
广东省电声工程技术研究开发中心
广东得胜电子有限公司制造
地址: 广东省惠州市博罗县龙溪镇富康一路2号

Designed & Manufactured by:
Guangdong Takstar Electronic Co., Ltd.
Address: No. 2 Fu Kang Yi Rd., Longxi
Boluo Huizhou, Guangdong 516121 China

得胜科声系列中国总代理
惠州音平电声科技股份有限公司
HUIZHOU INGPING ELECTROSONIC CO., LTD
地址: 惠州市惠城区江北26号小区盛丰商务大厦1111
电话: +86 752 2072638 传真: +86 752 7213017
邮箱: ingping@ingping.com
网址: www.ingping.com



TAKSTAR® 得勝

PH-120 智能手机麦克风 Smart Phone Microphone

科声系列 T&S SERIES

前言.....02
产品简介.....03
配件清单.....04
技术参数.....05
功能示意图.....06
手机使用说明.....07
电脑使用说明.....09
充电操作说明.....11
注意事项.....13
简单故障处理.....14

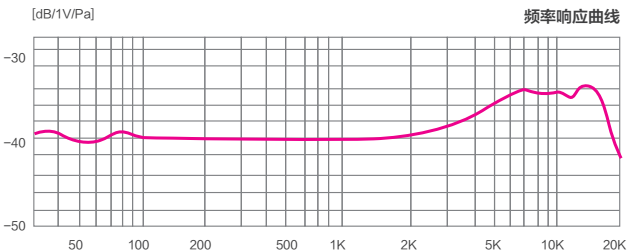
尊敬的用户：

感谢你选择TAKSTAR PH-120移动式麦克风，此麦克风针对智能手机和平板电脑而开发，声音清晰、饱满、圆润，具有两种灵敏度可选，自带混响，兼容iphone、ipad、安卓手机、智能终端等，也可以兼容台式及笔记本电脑，即插即用、方便携带，随时随地都可以轻松高歌一曲。

四种颜色以供选择，多彩的颜色随心与您的手机搭配，更显个性魅力

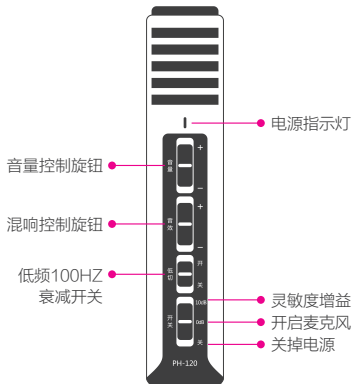
① 专为智能手机和平板电脑而开发的外置麦克风，适用于移动K歌和录音
② 录音输入灵敏度具有高低两种可选，匹配不同品牌的移动设备
③ 设有低频100Hz衰减开关，开启适用于近距离演唱使声音更清晰
④ 具有麦克风混响调节功能，提升演唱效果，使之更丰富、更动听
⑤ 具有耳机信号输出，支持双人歌唱，或扩展另一路输出至音箱或录音设备
⑥ 配送电脑音频连接线，可连接电脑K歌或录音
⑦ 具有OMTP和CTIA标准切换开关，适应各种机型
⑧ 配送便携袋，方便收纳管理和便携方便

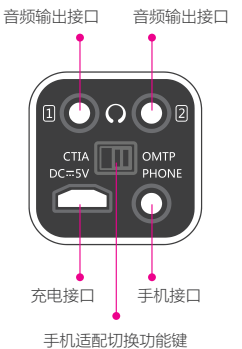
- PH-120主机 1支
- 双4级插头连接线 1条
- 双立体声插头连接线 1条
- USB充电线 1条
- 收纳袋 1个
- 说明书 1本



灵敏度： 低灵敏度-40dB at 1kHz
高灵敏度-30dB at 1kHz
拾音器： 电容式
峰值声压： ≥128dB 1KHz(THD≤1%)
频响： 30Hz-20kHz

兼容系统： ANDROID、IOS
电池类型： 聚合物锂离子电池
电池容量： 400mAh
充电方式： USB 5V
使用时间： 不低于6小时





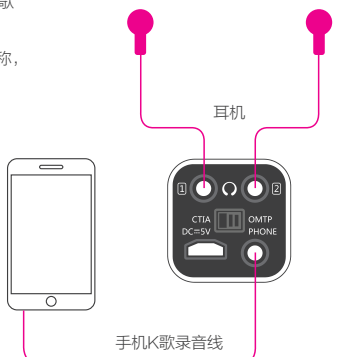
应用软件下载：

① 在手机APP软件市场下载“唱吧”、“天籁K歌”或“K歌达人”等应用软件

② 也可以通过网页浏览下载，搜索应用软件名称，注意识别手机系统，对应下载

注： 分别接两个耳机到OUTPUT1及OUTPUT2接口，就可以实现双人K歌

手机连接图：



手机K歌/录歌（安卓或苹果系统通用方法）：

① 将手机K歌录音线插入PH-120麦克风印有PHONE的手机接口，另一端插入手机的耳机接口

② 将耳机插入PH-120麦克风的OUTPUT1或OUTPUT2音频输出接口

提示： 选择耳机时，若选择手机配送的带有线麦克风耳机，可能存在不兼容的情况

③ 设备连接好后，打开“K歌”软件，再开启麦克风开关，推至0dB或+10dB为麦克风开启状态，此时，电源指示灯点亮，表示已进入工作状态

提示： 0dB为正常拾音灵敏度，+10dB为拾音灵敏度提高了10dB补偿，用户根据使用情况需要选择。为了用户能更快捷的使用本产品，苹果IOS系统推荐使用0dB档，安卓系统推荐使用+10dB档，从而获取更好的效果

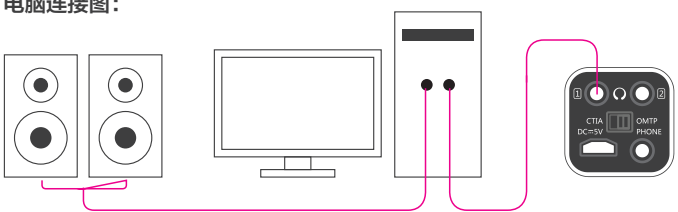
④ 音效混响功能使用，将混响控制旋钮上下滑动，“+”混响效果增强，反之，“-”减弱至关闭

提示： 应用K歌软件也提供有麦克风混响功能，若已经打开了PH-120的音效混响效果，那么，必须将K歌软件的混响功能关闭，从而获得更好效果

软件下载安装：

在电脑浏览器页面或下载工具软件搜索“酷我K歌”、“MVBOX”等K歌软件
并下载安装到电脑上

电脑连接图：



音箱　　电脑(台式/笔记本)　　电脑K歌录音线

电脑K歌/录音（各版本通用方法）：

① 将电脑K歌录音线的一端插入PH-120麦克风的OUTPUT1或OUTPUT2音频输出口，另一端插入电脑的麦克风接口，然后，将麦克风的电源开关推至0dB或+10dB，此时电源指示灯点亮，表示麦克风已进入工作状态

提示： 0dB为正常拾音灵敏度，+10dB为拾音灵敏度高了10dB补偿，用户可根据使用情况选择

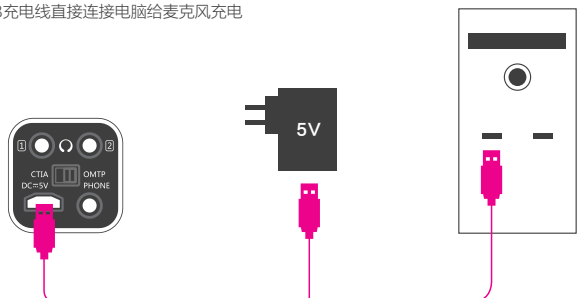
② 将耳机或音箱的插头插入电脑的耳机接口

③ 进行电脑音频设置--打开麦克风监听功能，这样PH-120麦克风的声音就可以从耳机或音箱出来了

充电示意图：

① 用户可自行选购5V电源适配器给麦克风充电

② 用USB充电线直接连接电脑给麦克风充电



① 可选用输出为DC 5V的适配器给PH-120麦克风充电

② 也可选用电脑给PH-120麦克风充电，但要确保计算机是开机状态

③ 如果把开关拨在“0dB”或“+10dB”的位置时，麦克风指示灯不亮的话，说明麦克风没电了，需要充电

④ 充电前，请把开关拨在OFF位置，再连好充电线充电，充电时指示灯闪烁红灯，表示正在充电中，充满电后，指示灯会亮绿灯，充电一般需2小时左右即可，可以连续K歌6小时以上

⑤ 初次使用建议先充满电再使用，即充到电源指示灯亮绿灯为止

⑥ 如果电源指示灯亮红灯的话表示电池电量很低，需要及时充电

① 请勿将麦克风从高处落下或强烈冲击以免造成跌落损坏
② 麦克风不使用时，应存放在干燥清洁的地方
③ 请勿在高温、高湿的场所保存或使用，以免影响灵敏度和音色
④ 如麦克风出现其它异常现象，请联系当地的经销商或拨打广东得胜电子有限公司售后服务部电话进行维修

故障现象	故障原因	排除方法
电源指示灯不亮	电源未打开或电池没电	① 将开关拨到0dB至+10dB，看绿灯是否亮起 ② 为麦克风充电
麦克风没声	麦克风音量未调大	调节麦克风音量
	电脑声卡麦克风静音钩没去掉	把麦克风静音钩去掉
	用了iphone5配的耳麦	改用普通耳机，不要用手机耳麦
麦克风没混响	混响音量未调大	调节麦克风混响声音
监听到的声音与录出来的声音音量大小有差异	不同录音软件在采集声音信号强弱上有差异	录制完成后，在录音软件里调整伴奏与麦克风的音量到协调为止

PH-120

智能手机麦克风

Smart Phone Microphone

Foreword.....18
Product Features.....19
Product Content.....20
Product Specification.....21
Function Diagram.....22
Operating Instruction for Using with Mobile Phone.....23
Operating Instruction for Using with Computer.....25
Operating Instruction of Recharging.....27
Caution.....29
Trouble Shooting.....30

Dear Users:

Thank you for choosing TAKSTAR PH-120 portable microphone, this microphone is specially designed for smart phone and tablet PC. The microphone features clear, mellow and full sound performance, with 2 optional sensitivity and built-in reverberation effect, it is compatible with iPhone, iPad, Android phones, smart terminal, desktop computer and notebook. Plug and Play, the portable and convenient design is ideal for karaoke anytime and anywhere.

4 optional colors perfectly match with your mobile phone to show your personality.

PH-120 Smart Phone Microphone

FEATURES

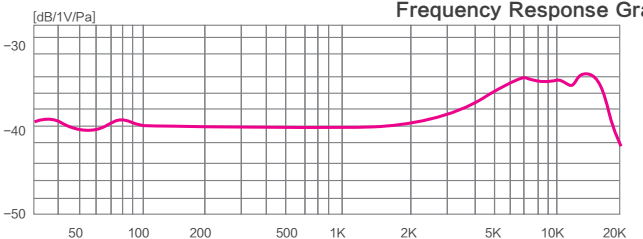
① An external microphone customized for smartphone and tablet PC, it is suit for mobile Karaoke and recording
② Optional high and low recording input sensitivity for compatibility with different brand mobile devices
③ 100Hz low frequency attenuation switch for close range singing and ensures more clear sound quality
④ Adjustable microphone reverb function for rich and pleasant sound performance
⑤ Dual headphone stereo signal output support duet or extend another output to speaker or recording equipment
⑥ Provided with PC audio connecting cable for PC Karaoke or recording
⑦ Standard OMTP and CTIA transfer switch for compatibility with various models
⑧ Provided with portable bag for convenient carrying and storage

PH-120 Smart Phone Microphone

PRODUCT CONTENT

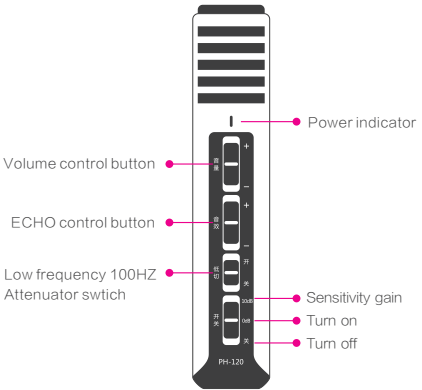
- PH-120 unit x 1pc
- Connector cable with double 4-pole plug X 1pc
- Connector cable with double stereo plug X 1pc
- USB charging cable x 1pc
- Portable bag x 1pc
- User manual x 1pc

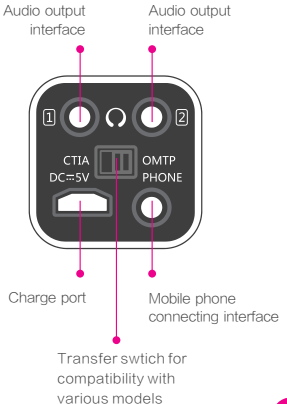
Frequency Response Graph



Sensitivity: Low shift: -40dB at 1kHz
Up shift: -30dB at 1kHz
Transducer Principle: Condenser
Max.Input SPL: ≥128dB 1KHz(THD≦1%)
Frequency Response: 30Hz-20kHz

System Compatibility: ANDROID、IOS
Battery Specification: polymer lithium-ion battery
Battery Capacity: 400mAh
Charge Mode: USB 5V
Playtime: ≥6hrs

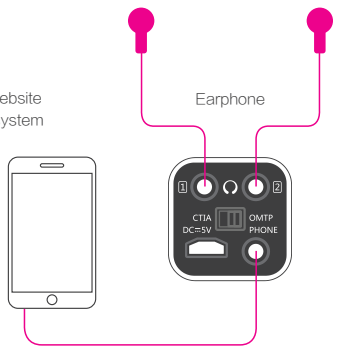




Application Software Download:

① Download the application software from the mobile phone APP software market
② Or search the application software on the website and download it, identify the mobile phone system and download correspondingly

Mobile phone connecting diagram



Note: Connect 2 earphones respectively to OUTPUT1 and OUTPUT2 ports for 2 persons karaoke simultaneously

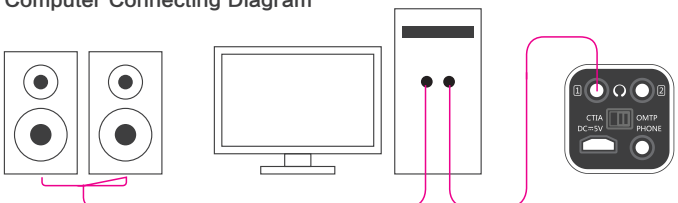
Mobile phone karaoke/recording (General method for Android and Apple system):

① Connect the karaoke recording cable of mobile phone to the connecting port marked with "PHONE" on the microphone PH-120, connect the other end of the karaoke recording cable to the earphone connecting port of mobile phone
② Connect the earphone to OUTPUT1 or OUTPUT2 audio output port of microphone PH-120
Note: It may be incompatible, if you choose the earphone with in-line microphone which is supplied along with the mobile phone
③ After the mobile phone is well connected with the microphone, start the "karaoke" software, then push the button to 0dB or +10dB for turning on the microphone, the power indicator lights up and enters into working status
Note: 0dB is standard pickup sensitivity, +10dB is 10dB sensitivity gain for pickup, please choose it according to your actual requirement. It is recommended to use odB for Apple IOS and +10dB for Android system to achieve best working performance
④ Operating instruction of ECHO effect, Slide up and down the ECHO button, “+” ECHO effect is enhanced, conversely, “-” ECHO effect is attenuated till off
Note: Application karaoke software also provides function of microphone ECHO, if the ECHO effect of the microphone PH-120 is turned on, and then has to turn it off for the karaoke software to achieve the best working performance

Software Download and Installation:

Searching the karaoke software from the internet browser page or by downloading the software tools, then download it and install on your computer

Computer Connecting Diagram



Speaker

Computer (desktop computer/notebook)

Computer karaoke recording cable

Computer karaoke/recording (General method for different systems)

① Connect the computer karaoke recording cable to OUTPUT1 or OUTPUT2 audio output port of microphone PH-120, connect the other end to the microphone input port of computer, push the button to 0dB or +10dB for turning on the microphone, the power indicator lights up and enters into working status

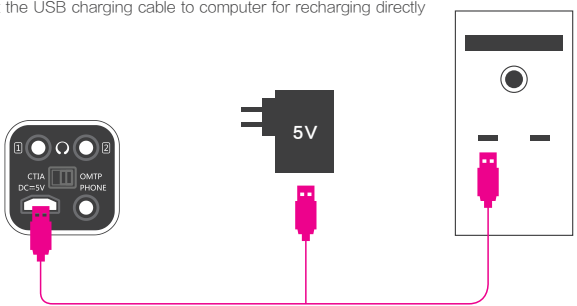
Note: 0dB is standard pickup sensitivity, +10dB is 10dB sensitivity gain for pickup, please choose it according to your actual requirement

② Plug the connector of earphone or the speaker into the earphone socket of the computer

③ Audio setting for computer: turn on the microphone monitor function, the sound of microphone PH-120 can be heard from earphone or speaker

Charging Diagram

① User can choose 5V power adapter for microphone charging
② Connect the USB charging cable to computer for recharging directly



① Choose the power adapter with output DC 5V for microphone PH−120 recharging
② Or recharge the microphone with computer (computer must be turned on)
③ When the power button is pushed to position 0dB or +10dB, if the power indicator does not light, it means the microphone is run out of power and need recharging timely
④ Please push the power button to OFF position before charging, then connect the charging cable well for charging. The indicator flashes red when it works. After it is fully charged, the indicator will turn green. Fully charging time is 2 hours and can keep playing more than 6 hours
⑤ Please fully charge prior to the first time use, it means keep on charging till the indicator turns green
⑥ If the power indicator turns into red, it means the battery power is low and need recharging timely

① Do not drop the microphone from a high place or with strong shock to avoid damage to the microphone
② Please keep and store the microphone in dry/clean place when it is not used
③ Please do not use and store the microphone in the high temperature/humidity environment to avoid impact on the timbre and sensitivity
④ If there is a failure on the microphone, please contact your local dealer for after service

Malfunction	Cause	Solution
Power indicator does not light	Power is not turned on or run out of battery	1. Push the button to position 0dB ~ +10dB to see whether the indicator turns into green 2. Recharge for the microphone
Microphone has no sound	Microphone volume does not turn up	Adjust the microphone volume
	Do not remove the tick for the microphone mute of the computer sound card	Remove the microphone mute tick from the computer sound card
	The headset specialized for iPhone5 is used	Change to normal headset, do not use mobile phone headset
Microphone has no Echo	Echo volume does not turn up	Adjust the microphone Echo volume
There is volume difference between the monitoring and the recording	Different recording software is with different sound signal strength pickup capability	After the recording is finished, adjust the microphone volume and the accompaniment volume in the recording software to an appropriate level