

**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**

产品名称: TS-2280 立体声入耳式耳塞

公司名称: 广东得胜电子有限公司

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TAKSTAR® 得勝

TS-2280

立体声入耳式耳塞

STEREO

IN-EAR

EARPHONE



金属振膜驱动单元

Metal diaphragm driver



鼓型合金腔体

Drum shape alloy cavity

Made for
iPod iPhone iPad





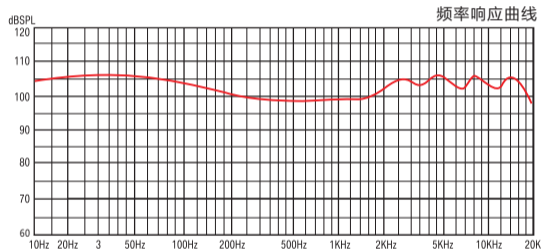
Notes

- * 得胜公司保留对本说明书中描述的产品及说明书内容更新和改进的权利，如有更改，恕不另行通知。
- * 如有疑问，请关注本公司的文宣资讯或网上查询：www.takstar.com对其中涉及的描述和图像，以包装箱内内容和实物为准！
- * Product is subject to update and improve without prior notice.
- * Actual product may differ slightly from the description and photo of this user manual.

1 产品特性

- 驱动单元采用纯金属振膜，能带来精致、细腻的声音细节
- 鼓型合金腔体，在降低机体谐振的同时提供了更加准确的低频
- 温和自然的中频，完美演绎多种音乐
- 合金机身采用阳极处理技术，并提供2种颜色可选
- 人体工程学设计，佩戴舒适稳固
- 耳机线柔软抗拉，搭配苹果线控（麦克、播放、暂停、音量、选曲）
- 搭配精美皮质便捷袋；配送3种大小不同的单节、双节耳套
- 产品通过Apple MFi认证，完美兼容iPhone、iPad和iPod等产品

2 技术参数



单元类型：动圈式

单元直径：Φ8mm

单元阻抗：20Ω ± 30%

频率响应：10Hz~20kHz

灵敏度：98dB at 1kHz

峰值功率：30mW

额定功率：15mW

耳机线：Y型线总长1.4m

接驳插头：Φ3.5四极镀金插头

产品重量：17.4g(不含包装)

注意事项：

- 1.本单为保修凭证，用户妥善保管，如有丢失，用户自行承担影响保修的相关责任
- 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。如属保管不善或使用不当造成事故的，维修点将酌情收费。
- 4.擅自拆卸维修者，不予保修。
- 5.以上保修条款仅限于中国市场适用。



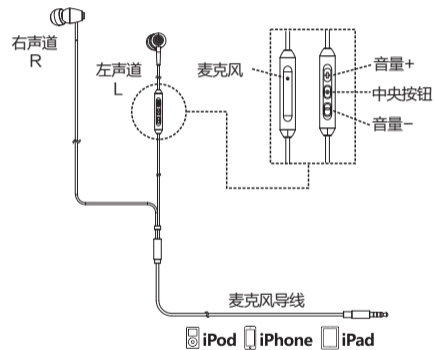
产品服务保证书

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

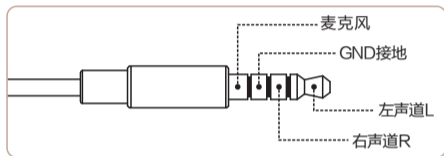
3 线控操作说明



线控功能要求（针对iPhone所有型号手机）

1. 按下中键一次可以暂停播放歌曲或视频，再按一次可以继续回放；
2. 按下“+”或“-”按键可调节音量大小；
3. 快速按下中键两次可以跳到下一首歌曲；
4. 快速按下中键三次可以返回到上一首歌曲；
5. 快速按下中键两次并按住为快进功能；
6. 快速按下中键三次并按住为倒回功能；

4 CTIA接口线路图



注意:

- 本耳机只适用于CTIA接口（包括iPod、iPhone、iPad），请在购买前查阅手机说明书或咨询手机厂商，以确认您的手机接口标准；
- 按键功能可能会因手机功能而异，或是否可应用于其它Android手机，视手机的型号而定；
- “Voicer” 功能是否可用取决于iPhone及其软件版本而定；

10 Caution

 DANGER	<ul style="list-style-type: none"> · Do not use the earphone when driving, riding a bike or walking to avoid an accident 	Prohibited
 CAUTION	<ul style="list-style-type: none"> · The rated power of TS-2280 is 15mW, do not use with exceeded power to avoid damage 	Prohibited
 WARNING	<ul style="list-style-type: none"> · Do not pull the cable strongly to avoid cable broken 	Prohibited
	<ul style="list-style-type: none"> · Do not dismantle or restructure the earphone to avoid malfunction 	Disassembly Prohibited
	<ul style="list-style-type: none"> · Keep the earphone out of the reach of children to avoid danger 	Compulsorily

9 Maintenance

1. Adjust the volume from low to high when listening to the music, sudden loud volume will damage the earphone
2. Earphone is not allowed to contact with strong magnetism, otherwise the permanent magnet will lose its magnetism, thus will reduce the earphone sensitivity and affect the sound quality
3. Avoid dropping or hitting the earphone
4. The diameter and length of the earphone connector should match with that of the socket, the connector should be inserted into the earphone socket of the devices. Misplug may cause damage to the earphone

5 兼容机型与版权

兼容多种智能手机，iphone、Android部分机型：

iPhone6 Plus	iPhone 4	iPad (第3代)
iPhone6	iPad mini (第3代)	iPad 2
iPhone 5S	iPad Air	iPod touch (第5代)
iPhone 5C	iPad mini (第2代)	iPod touch (第4代)
iPhone 5	iPad mini	iPod nano (第7代)
iPhone 4S	iPad (第4代)	iPod nano (第6代)
		iPod shuffle (第4代)

关于版权

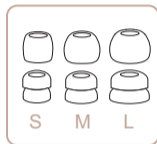
“Made for iPod”、“Made for iPhone”、“Made for iPad”表示专为iPod、iPhone、或iPad而设计的电子附件，并经开发者认证符合Apple性能标准。

Apple对于本装置的操作或者是否符合安全及法规标准不予负责。

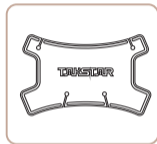
6 标准配置



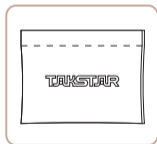
耳机 1副



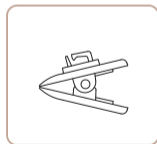
耳套 6对



耳塞绕线器 1个



便携袋 1个



领夹 1个

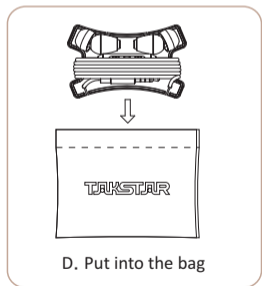
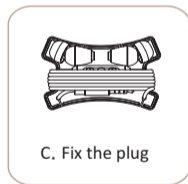
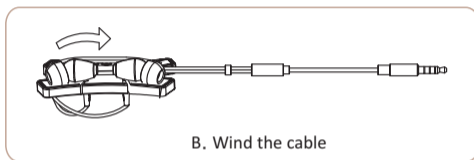
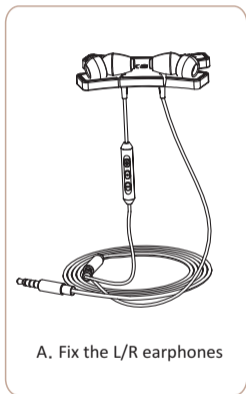


说明书 1本

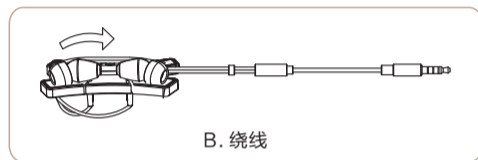
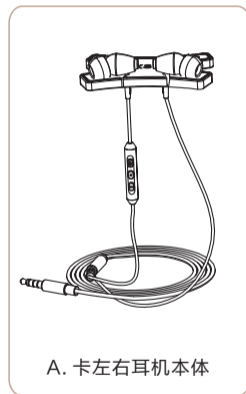
8 Operating Instruction

1. Well connect the earphone and the device to avoid poor contact, which will cause no sound or staccato
2. To protect your hearing, do not listen to the music at high volume for a long time, this may damage your hearing
3. Volume adjusting should be from low to high to enable the ears to adapt to the volume, it will harm your ears if the volume is too high suddenly
4. Do not exclude the ambient noise by increasing the headphone volume such as in a bus, subway, noisy street, etc, it is about 70-80dB under such environment and you need to increase the volume to 100dB so that you can hear, thus will seriously harm your ears

7 Cable Winding Process



7 绕线步骤图



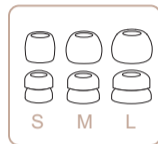
8 耳机的正确使用方法

1. 耳机与设备连接时，注意要插到位，以免接触不良使声音断续或无声
2. 为了保护您的听力，请勿长时间使用高音量听音乐，这可能会损坏您的听力
3. 选择音量时记得从小到大调节，让耳朵慢慢适应音量，不要突然就调大声，这样对耳朵伤害很大
4. 不要通过增大音量来抵御周围环境的噪音：如坐公车、地铁、喧闹的大街，在噪声中听音乐损伤听力，这时候的声音通常在70-80分贝左右，而需要将声音调大才能听到，很容易就超过100分贝，不知不觉对耳朵造成严重伤害

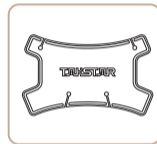
6 Product Content



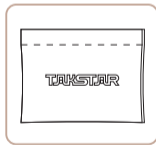
Earphone / 1pc



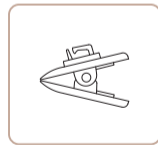
Ear pads / 6pairs



Cable winding device / 1pc



Portable bag / 1pc



Clip / 1pc



User manual / 1pc

5 Compatible Models and Copyright

Compatible with iPod / iPhone / iPad

iPhone 6 Plus	iPhone 4	iPad (3rd generation)
iPhone 6	iPad mini3	iPad 2
iPhone 5s	iPad Air	iPod touch (5th generation)
iPhone 5c	iPad mini 2	iPod touch (4th generation)
iPhone 5	iPad mini	iPod nano (7th generation)
iPhone 4s	iPad (4th generation)	iPod nano (6th generation)
		iPod shuffle (4th generation)

Copyright









"Made for iPod" , "Made for iPhone" , "Made for iPad" means an electronic accessory specially designed for iPod, iPhone, iPad and certified by the developer which can meet Apple's performance standards.

Apple will not hold any responsibility for the device operation or safety and regulatory standards compliance.

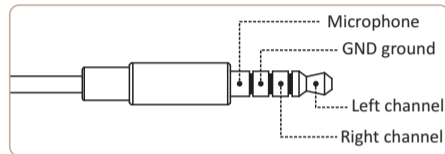
9 保养及维护

1. 用耳机听音乐时，音量应从小逐步到大，不要突然使音量很大，以免损坏耳机
2. 耳机在放置时要避免和强磁体接触，以免使耳机的恒磁体去磁，使耳机的灵敏度降低而影响耳机音色
3. 请妥善保管好耳机，避免跌落或碰撞，造成损坏
4. 耳机的插头应与插孔的大小直径及长度相称，并且耳机应尽量插在耳机专用插孔上，不要插错，以免损坏耳机

10 注意事项

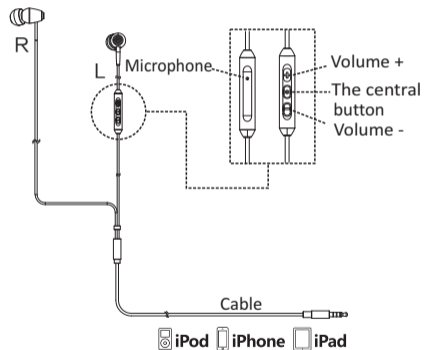
 危险	<ul style="list-style-type: none"> · 驾驶汽车、骑自行车或马路上行走时，请勿使用耳机，否则容易导致交通意外 	 禁止
 注意	<ul style="list-style-type: none"> · TS-2280 的额定功率为15mW，请不要超负荷使用，以免造成耳机损坏 	 禁止
 警告	<ul style="list-style-type: none"> · 请勿用力拉扯耳机线，以免出现断裂现象 	 禁止
	<ul style="list-style-type: none"> · 请勿擅自拆开耳机或更改其内部结构，以防止故障发生 	 禁止拆卸
	<ul style="list-style-type: none"> · 请将耳机放在儿童接触不到的安全地方，以防发生危险 	 执行

4 CTIA Circuit Diagram

**Notice:**

- This headphone applies to CTIA port only including iPod, iPhone, iPad, please check the user manual or consult with the manufacturer to confirm your headphone port standard
- The button functions vary from the smartphone, whether it is compatible with other Android smartphone depends on the model of the smartphone
- The availability of the "voicer" function depends on the iPhone and the version of its software

3 Operating Instruction of Cable Controller



Function Compatibility (Compatible with all iPhone models)

1. Press the central button 1 time to pause the music / video play, press again to continue
2. Press the "+" or "-" button to adjust the volume
3. Fast press the central button twice for next song
4. Fast press the central button three times for previous song
5. Fast press the central button twice and hold for fast forward function
6. Fast press the central button three times and hold for rewind function

环保说明

⑩ 该标记附加在出售到中华人民共和国的电子信息产品上。环形中的数字表示的是环境保护使用期限的年数。

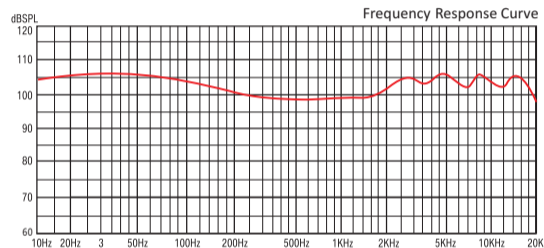
部件名称 (大体分类)	有毒有害物质或元素					
	铅 (Pb)	水银 (Hg)	镉 (Cd)	六价铬 (CrVI)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
机体 (金属部件)	×	○	○	○	○	○
安装基板/电器部件	×	○	○	○	○	○
缆线类	×	○	○	○	○	○

备注：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006标准规定的限量要求以下。
○：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求。
×：因为在当代技术下还没有可替代的物质。

1 Features

- Adopts metal diaphragm driver for exquisite and detailed sound performance
- Drum alloy cavity effectively reduces the resonance and provides more accurate bass
- Gentle and natural mid frequency
- Alloy housing with anodizing surface treatment, 2 optional colors
- Ergonomic design for comfortable wearing
- Soft and tensile cable with apple cable control (mic, play, pause, volume, music selection)
- Provided with exquisite leather portable bag and 3 different size of single / double earmuffs
- Apple MFi certificated, perfectly compatible with iPhone, iPad and iPod

2 Specification



Transducer Principle: Dynamic

Driver Diameter: $\varnothing 8\text{mm}$

Impedance: $20\Omega \pm 30\%$

Frequency Response: 10Hz~20kHz

Sensitivity: 98dB at 1kHz

Max. Input Power: 30mW

Rated Power: 15mW

Cable: Y type, 1.4m

Adaptor Plug: Gold-plated
 $\varnothing 3.5\text{mm}$ 4-pole plug

Weight: 17.4g (without package)