

TAKSTAR® 得胜



E188 领夹版 LAVALIER

无线扩音器

Wireless Voice Amplifier

使用手册 User Manual

■ 前言

尊敬的用户：

感谢您选购得胜E188(领夹版)无线扩音器,为了您能够更好地了解使用本产品,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

- 采用2.4G无线技术,抗干扰传输稳定,使用距离远;
- 配备新款无线领夹麦克风,轻盈小巧,即开即用免调频;
- 数字扩音技术,10W功率音频输出,声音清晰保真;
- 无线播放功能,可连接手机、电脑、PAD等设备播放音乐;
- 具有音乐播放功能,支持U盘、TF卡的多媒体音频播放;
- 具有AUX音频信号输入功能,可充当小音箱使用;
- 内置2000mA可充电锂电池,节能环保,续航约15小时;
- MCU智能充电管理系统,防过充保护,使用安全可靠;
- 外观设计新颖时尚,壳体采用ABS工程原料成型,经久耐用。

■ 适用范围

- 适用于教学、培训、导游、促销等场合扩音

■ 产品配置

- 扩音器.....1台
- 无线领夹麦克风.....1个
- 充电线.....1条
- 肩带.....1条
- 有线头戴麦克风.....1个
- 挂绳.....1根
- 说明书.....1份

■ 技术参数

主机(扩音器)参数

- 频率响应:80Hz-18kHz
- 额定功率:5W
- 峰值功率:10W
- 扬声器阻抗:4Ω
- 无线连接版本:5.3
- 电池类型:锂离子电池
- 电池规格:3.7V/2000mAh
- 工作电压:DC 3.5-4.2V
- 充电电压:5V $\overline{=}$ 1.5A
- 使用时间:约15小时
- 充电时间:约1.5小时
- 充电方式:Type-C
- 产品规格:100*90*35.5mm
- 产品重量:约200g

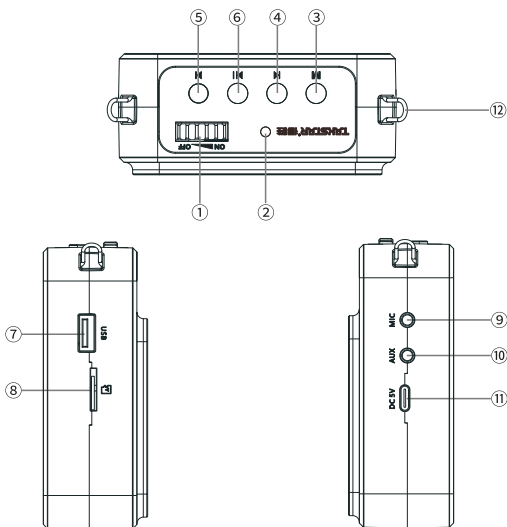
领夹麦克风参数

- 拾音器:背极式驻极体
- 指向性:单指向
- 频率响应:60Hz-16kHz
- 灵敏度:-50 $\pm$ 3dB
- 使用距离:无干扰环境约20米(室内)
- 电池类型:锂离子电池
- 电池容量:3.7V/240mAh
- 充电规格:5V $\overline{=}$ 150mA
- 充电时间:约2小时
- 使用时间:约6-7小时
- 净重:约30g

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

扩音器

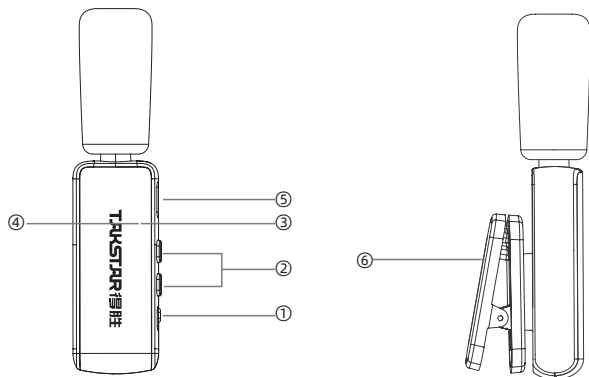


- ① 电源开关和音量调节旋钮:向“ON”方向拨动旋钮,听到“哒”一声,表示扩音器已通电并进入人声扩音状态,此时电源指示灯②亮蓝灯,继续向“ON”方向拨动声音逐渐增大;反之向“OFF”方向拨动则声音逐渐减少,直至听到“哒”一声关机。
- ② 电源指示灯:电量充足时,指示灯常亮蓝灯;当指示灯红灯闪烁时,表示扩音器处于低电量状态,请及时为扩音器充电;充电过程中,指示灯常亮红灯,充满后蓝灯常亮。
- ③ “M”模式切换键:开机状态下,短按该按键可切换工作模式,并伴有相应的语音提示。
- ④ ◀ 上一曲按键:在U盘、TF卡、无线播放状态下,短按此键为切换上一曲。
- ⑤ ▶ 下一曲按键:在U盘、TF卡、无线播放状态下,短按此键为切换下一曲。

- ⑥ **▶|| 播放/暂停按键**:短按此按键控制音乐的播放及暂停;在无线播放模式下,长按此键可断开无线连接。
- ⑦ **U盘接口**:可将储存有音频文件的U盘插入此孔进行播放。
- ⑧ **TF卡接口**:按照正确插卡方向插入TF内存卡。插入时,听到“哒”一声,表示已安装到位;取卡时把卡往下按压,听到“哒”一声,TF内存卡将自动弹出来。

提示:请确保TF卡中储存的是MP3、WAV格式的音频文件,否则不能正常读取歌曲文件甚至会有损坏机器的风险;拷入歌曲前请先将TF卡按FAT16、FAT32格式进行格式化,其他方式的格式化(如exFAT、NTFS格式)会导致录音无法保存或者储存的歌曲无法播放。
- ⑨ **MIC输入接口**:将有线麦克风插头插入此孔,进入有线人声扩音状态。操作时,请不要将麦克风的拾音面朝向扩音器的扬声器,以免产生啸叫。
- ⑩ **AUX 输入接口**:通过 $\Phi 3.5\text{mm}$ 音频连接线与手机、电脑、平板等播放设备连接,可将扩音器作为有源音箱使用。
- ⑪ **充电接口**:连接Type-C充电线为扩音器充电。
- ⑫ **挂扣**:用于安装肩带,可将扩音器斜挂于肩上使用。

领夹麦克风



- ① 电源开关:拨动开关至“ON”位置时开机,拨动开关至“OFF”位置时关机。
- ② 音量调节键:短按“+”键一次增加麦克风音量一个等级,长按音量“+”键为连续增加麦克风音量;短按“-”键一次减少麦克风音量一个等级,长按音量“-”键为连续减少麦克风音量,共9级音量大小调节。
- ③ 工作指示灯:配对时,蓝灯闪烁;配对成功后,蓝灯常亮;电量不足时,指示灯红灯闪烁。
- ④ 充电指示灯:充电过程中,红灯常亮;充满电后,红灯熄灭。
- ⑤ 充电接口:将Type-C充电线插入此孔,另一端连接通用的USB输出充电器,即可进行充电。
- ⑥ 夹子:用于将领夹麦克风稳固夹持于衣领处合适位置使用。

■ 使用说明

一、使用方法

打开扩音器及领夹麦克风电源开关,将自动配对连接,当领夹麦克风指示灯从闪烁变为常亮状态,且对着麦克风说话时扩音器有声音输出,表示已配对成功。

如遇信号干扰,可按下面方法重新配对:

1. 配对方法

- ① 同时长按领夹麦克风音量“+”“-”键2秒进入配对搜索状态,领夹麦克风指示灯蓝灯快闪,此时打开扩音器电源开关进行配对。待指示灯从快闪状态变为常亮且对着麦克风说话,扩音器有声音输出,表示配对成功。
- ② 如对着麦克风说话扩音器没声音,表示配对不成功,请按上面方法重新配对。

二、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. 打开扩音器的电源开关,点按“M”键切换到无线播放模式,此时指示灯蓝灯闪烁,表示进入搜索配对状态。
2. 进入手机的“设置”菜单,开启手机的无线播放功能,搜索“TAKSTAR E188”进行连接,出现语音提示时,表示无线播放已连接成功。
3. 下次开机后选择到无线播放模式时,如果是已进行过配对,将自动回连最后一次使用的播放设备。

■ 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



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。

■ 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)	邻苯二甲酸 二正丁酯 (DBP)	邻苯二甲酸 二异丁酯 (DIBP)	邻苯二甲酸 丁基苄酯 (BBP)	邻苯二甲酸 二(2-乙基)己酯 (DEHP)
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， 且此环保使用期限只适用于产品正常工作的温度和湿度等条件。										

■ 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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■ Preface

Dear Customer,

Thanks for purchasing our product. Read this manual thoroughly to use the product properly.

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

■ Features

- 2.4G wireless tech, stable, interference-resistant transmission over long distances.
- Ready-to-use compact wireless lavalier mic; no frequency setup needed.
- Digital amplification with 10W audio output for clear, high-fidelity sound.
- Wireless music playback from phones, computers, and tablets.
- Supports multimedia audio playback via USB drives and TF cards.
- AUX input allows it to function as a small speaker.
- Built-in 2000mA rechargeable lithium-ion battery offers about 15 hours of use.
- MCU smart charging management system prevents overcharging for safe operation.
- Stylish and durable design made from ABS engineering materials.

■ Applications

- Teaching, tour guiding, training, and promotions.

E188 Wireless Voice Amplifier (Lavalier)

■ Package Contents

- 1 × Voice Amplifier
- 1 × Wireless Lavalier Mic
- 1 × Charging Cable
- 1 × Strap
- 1 × Wired Headset Mic
- 1 × Lanyard
- 1 × User Manual

■ Specifications

Voice Amplifier

- Frequency Response: 80Hz-18KHz
- Rated Power: 5W
- Peak Power: 10W
- Speaker Impedance: 4Ω
- Wireless Connection: V5.3
- Battery Type: Li-ion
- Battery Spec: 3.7V/2000mAh
- Working Voltage: DC 3.5-4.2V
- Charging Voltage: 5V $\approx$ 1.5A
- Playtime: About 15 hours
- Charging Time: About 1.5 hour
- Charging Port: USB-C
- Dimensions: 100*90*35.5mm
- Weight: About 200g

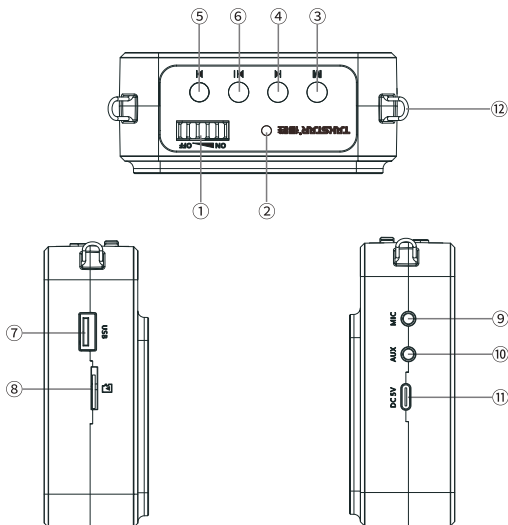
Lavalier Microphone

- Transducer: Back-electret condenser
- Directionality: Unidirectional
- Frequency Response: 60Hz - 16kHz
- Sensitivity: -50 $\pm$ 3dB
- Operating Distance: Approx. 20m
(interference-free, indoor)
- Battery Type: Lithium-ion
- Battery Capacity: 3.7V / 240mAh
- Charging Specs: 5V $\approx$ 150mA
- Charging Time: Approx. 2 hours
- Usage Time: Approx. 6-7 hours
- Net Weight: Approx. 30g

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

■ Function Descriptions

Voice Amplifier



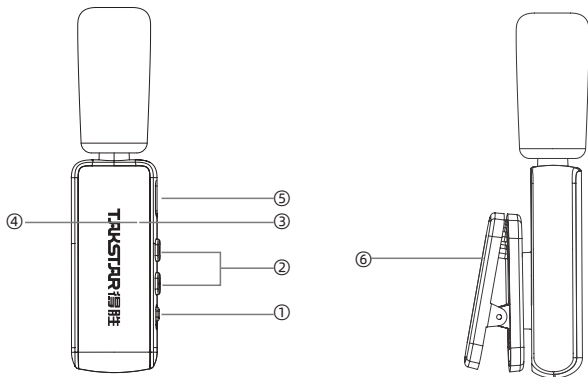
- ① Power switch & volume dial: Rotate the dial to ON until you hear a click to power on the device and then gradually increase the volume level. Once powered on, LED ② will light up blue, meaning the device is ready for voice amplification. Likewise, rotate to OFF to gradually decrease the volume level and eventually power off the device.
- ② Power indicator: Blue light when sufficient power; red flashes when low power and requires charging; red light while charging and blue light when fully charged.

E188 Wireless Voice Amplifier (Lavalier)

- ③ M mode button: When powered on, short press to switch work mode, accompanied by corresponding voice prompt.
 - ④ ◀ Previous track button: In USB, TF card or wireless playback mode, short press to switch to the previous track.
 - ⑤ ▶ Next track button: In USB, TF card or wireless playback mode, short press to switch to the next track
 - ⑥ ⏮ Play/Pause button: Short press to play or pause the music. When in wireless playback mode, long press this button to disconnect Bluetooth.
 - ⑦ USB interface: Insert a USB flash drive to play audio files stored in it.
 - ⑧ TF card slot: Insert a TF memory card following the correct direction until you hear a click to install it in place. To remove the TF card, press it down until it clicks to eject the card.
- Tip:** Please make sure the audio files in the TF card are stored in MP3 and/or WAV format, otherwise it won't be readable and may even damage the device. Please format the TF card to FAT16 or FAT32 file system before copying songs, because other file system (e.g., exFAT, NTFS) will cause failure to save recordings or play songs.
- ⑨ MIC input: Insert a wired mic to start wired voice amplification. Do not point the mic capsule towards the loudspeaker to avoid feedback.
 - ⑩ AUX input: Connect to a playback device (e.g., phone, tablet, MP3 player) via a Ø3.5mm audio cable, so to use the amplifier as an active speaker.
 - ⑪ Charging port: Charge the amplifier via a USB-C charging cable.
 - ⑫ Strap clip: Used to install the shoulder strap for wearing the amplifier across shoulder.

E188 Wireless Voice Amplifier (Lavalier)

Lavalier Microphone



- ① Power Switch: Slide the switch to "ON" to power on, and "OFF" to turn off.
- ② Volume Buttons: Press or long press the "+" button to increase the mic volume and the "-" button to decrease it, level by level or continuously, with a total of 9 volume levels.
- ③ Working Indicator Light: Flashes blue while pairing; solid blue when paired successfully; flashes red if low battery.
- ④ Charging Indicator Light: Solid red during charging; red light off when fully charged.
- ⑤ Charging Port: Insert a USB-C charging cable into this port and connect the other end to a USB charger to charge the mic.
- ⑥ Clip: For fixing the mic to lapel.

■ Operating Instructions

I. Usage Instructions

Turn on the voice amplifier and lavalier mic to auto-pair. When the mic indicator light changes from flashing to steady and the voice amplifier outputs sound while you speak into the mic, pairing is successful.

1. Pairing Process

① Press and hold the volume "+" and "-" buttons on the lavalier mic simultaneously for 2s to enter pairing mode, the mic indicator light will flash blue rapidly.

Immediately power on the voice amplifier to start pairing. When the mic indicator light changes from flashing to steady and the voice amplifier outputs sound while you speak into the mic, pairing is successful.

② If no sound output from the amplifier when speaking into the mic, the pairing was unsuccessful. Please repeat the above steps to re-pair.

II. Wireless Playback Pairing

To pair the device with a smartphone or wireless playback device for the first time, follow these steps:

1. Turn on the amplifier and press the M button to switch to wireless mode; the blue indicator will blink, indicating it's in pairing mode.

2. Go to your phone's Settings, enable wireless playback, and search for TAKSTAR E188 to connect. A voice prompt will confirm a successful connection.

3. On subsequent power-ups, when selecting wireless playback mode, the device will automatically reconnect to the last used playback device if previously paired.

■ 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 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:

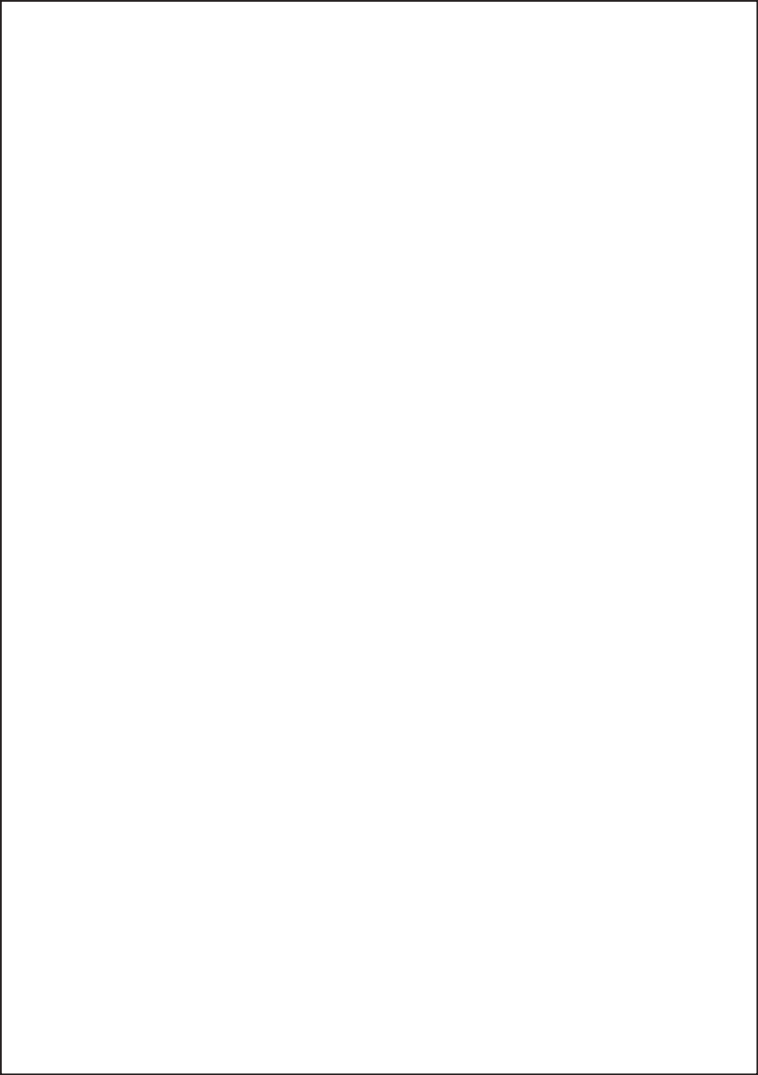
- 1. 本单为保修凭证, 请用户妥善保管, 如有遗失, 恕不保修或退换。
- 2. 保修期限制: 购买之日起十二个月内。
- 3. 除了不可抗力事件损坏外, 由本公司负责, 免费维修。
- 4. 如属保管不善或使用不当造成的损坏, 维修点将酌情收费。
- 5. 擅自拆卸维修者, 不予保修。
- 6. 以上保修条款仅限于中国市场适用 (不含港澳台地区)。

产品服务保证书

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