

TAKSTAR®

WGV-601

吉他无线系统
Guitar Wireless System

用户手册
USERS' MANUAL

TAKSTAR®

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广东得胜电子有限公司
GUANGDONG TAKSTAR ELECTRONIC CO., LTD.

非常感谢您选用TAKSTAR为您精心研制的吉他无线系统——WGV-601!

希望本公司的WGV-601吉他无线系统在以后的日子里给您带来更多的方便和乐趣。

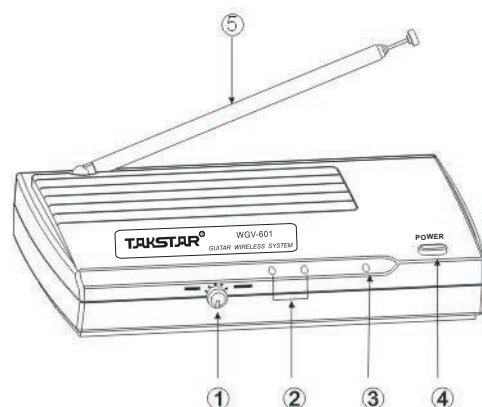
系统特点

- ✂ 针对电吉他所设计的专业发射、接收电路
- ✂ 在良好的环境，有超过30米的操作范围，满足一般的演出要求
- ✂ 采用10PPM的石英晶体锁定频率，频率稳定，抗干扰能力强
- ✂ 无开关冲击噪音，因此能保护效果器、音箱等后接设备
- ✂ 工作状态和电源电量显示
- ✂ 输入增益调节，适合各种灵敏度电吉他信号

各部分名称和功能

接收

- 1、音量
- 2、射频信号指示灯
- 3、电源指示灯
- 4、电源开关
- 5、天线



Delivery Includes

Body-pack Transmitter	1pc
Receiver	1pc
Antenna	1pc
Audio connecting cable (Ø3.5mm to Ø6.3mm)	1pc
Audio connecting cable (Ø6.3mm to Ø6.3mm)	1pc
1.5V battery	2pcs
Power adaptor	1pc
Color box with foam inlay	1pc

Statement

- Specifications are subject to change without prior notice.
- For additional information about service or parts, please contact your local authorized Takstar Service Center or visit Takstar at www.takstar.com.

Specification

Overall System

Carrier Frequency:	200-270MHz
Frequency Steadiness:	$\pm 0.005\%$
Dynamic Range:	$>105\text{dB}$
Total Harmonic Distortion:	$<0.5\%$
Frequency Response:	40Hz-18kHz
Operating Temperature:	$-10\text{ }^{\circ}\text{C}-50\text{ }^{\circ}\text{C}$
Operating Range:	30m (in the best condition)

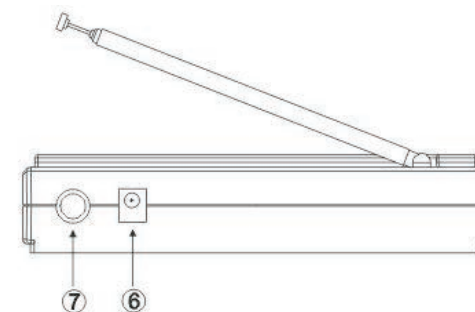
Receiver

Sensitivity:	$\geq -80\text{dB}$
S/N Ratio:	$>50\text{dB}$
Audio Output Level:	0-800mV
Power Supply:	DC=12V/300mA

Transmitter

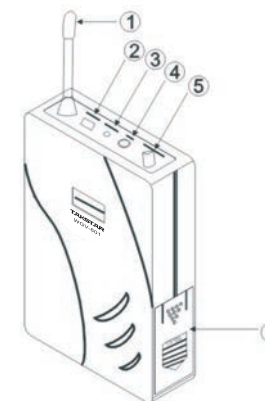
Modulation Mode:	FM
Transmit Power:	$<10\text{mW}$
Max. Modulation Degree:	$\pm 20\text{kHz}$
High-order Harmonic:	60dB lower than the dominant harmonic
Power Supply:	2 x 1.5V Battery
Nominal Current:	$100\text{mA} \pm 20\text{mA}$
Playtime:	$\geq 10\text{hrs}$

- 6、DC插座
- 7、音频输出



发射

- 1、天线
- 2、开关
- 3、电源指示灯
- 4、音频输入
- 5、音量
- 6、电池盖



使用前的准备工作

发射器电池的安裝

- 1、按箭头指示方向将电池盖打开
- 2、将电池按箭头所指方向从上面放入电池仓内，注意电池的极性，以免损坏电池仓以及发射器
- 3、按箭头指示的逆方向将电池盖复位

使用方法

- 1、系统连接完毕通电后将接收器的天线完全拉出后打开电源开关（4）：这时电源指示灯（3）亮，这表明接收机已经开始工作。

- 2、把发射器电源开关拨到“ON”位置，指示灯（3）亮；同时接收机射频信号指示灯（2）点亮；这表明接收机已经在接收来自发射器的信号。打开吉他音量开始弹奏；至此整个系统将正常工作。
- 3、调节发射器增益旋钮（5）使发射器与吉他输出信号匹配。从而达到使用信号线时的电平大小。

注意事项

- 1、当发射器电源指示灯（3）灭时，表明电池电量不足，请及时更换电池，以免造成断频、有效距离减短等后果，影响使用效果。
- 2、不使用时，应存放在干燥清洁的地方，避免在温度、湿度过高或有强磁场的场所存放，以免影响产品音色。
- 3、长时间不使用，请取出电池、拔掉电源插头。
- 4、请不要自行打开机壳，以免发生触电危险。
- 5、用户自身误操作或滥用、缺少合理的爱护、因不可抗拒力量或自然力或在未经授权的维修部门维修后而导致的机械损坏，本公司将不予确保产品的性能及保修。

性能指标

系统综合性能

载波频率	200-270MHz
频率稳定性	± 0.005%
动态范围	> 105dB
谐波失真	< 0.5%

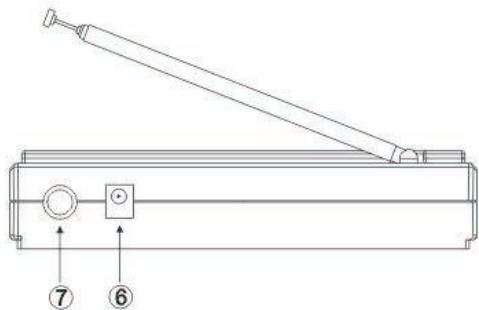
the antenna and turn on the power switch(4), the power indicator (3) will light which indicates the system ready for operation.

- 2. Set the power switch on the transmitter to the “ON” position, the power indicator (3) on the transmitter lights. Meanwhile, the RF indicator (2) on the receiver also lights indicating a good audio reception. Then turn up the guitar volume and start to play.
- 3. Adjust the volume control (5) on the transmitter to the desired sound volume.

Caution

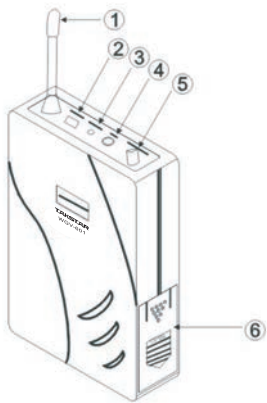
- 1. Low batteries will influence the performance and the power indicator will be unlighted. Please replace batteries in time to avoid loss of audio transmission or short operating distance.
- 2. When not using the system, keep the system dry and ventilated indoors, avoid exposure to sun and rain, and keep it away from magnetic field.
- 3. When not using the system for a long time, please take out the batteries and disconnect the power supply.
- 4. Do not take apart the system housing to avoid electric shocking.
- 5. Any change or modification on the construction of this system, which is not explicitly approved by the Takstar or an authorized Takstar service center, could cause a malfunction and void the warranty.

- 6. DC Socket
- 7. Audio Output



Transmitter

- 1. Antenna
- 2. Power Switch
- 3. Power Indicator
- 4. Audio Input
- 5. Volume Control
- 6. Battery Cover



Preparation before Use

Installing Battery for Transmitter

- 1. Open up the battery cover according to the arrow.
- 2. Please put the battery into the battery compartment according to the indicated polarity.
- 3. Close the battery cover.

Operating Instruction

- 1.Connect the power supply to the mains and attach the DC plug to the DC socket (6) of the reveiver. Please pull out

频率响应	40Hz-18KHz
温度范围	-10℃-50℃
有效距离	30米（较好的条件下）

接收机

接收灵敏度	≥ - 80 dB
信噪比	>50 dB
音频输出标准	0-800mV
电源电压	DC≐12V/300mA

发射机

调制方式	FM
发射功率	< 10 mW
峰值调制度	± 20KHz
高次谐波	低于主波60 dB
电源电压	1.5V x 2电池
标称电流	100mA ± 20mA
电池使用时间	持续使用时间多于10小时

标准配置

腰挂	1pc
接收机	1pc
发射天线	1pc
Φ3.5转Φ6.3插头线	1pc
Φ6.3音频输出线	1pc

1.5V电池	2pcs
电源适配器12V/300mA	1pc
彩盒+珍珠棉包装	1pc

声明

- 得胜遵循可持续发展的策略。因此，得胜保留在不预先通知的情况下，对本文档中描述的产品进行修改和改进的权利。
- 如需服务和配件方面的信息，请联系当地得胜代理商，或请访问得胜网站www.takstar.com

Thank you for choosing Takstar guitar wireless system WGV-601.

Features

- ✂ Quick and easy setup of reliable wireless audio transmission.
- ✂ Effective operating distance up to 30 meters.
- ✂ Pure quartz circuit for stable frequency and interference-free reception.
- ✂ Circuit controlled switching noise elimination.
- ✂ Adjustable input gain.
- ✂ LED power indicator for working status and low battery warning.

Parts Name and Functions

Receiver

1. Volume Control
2. RF Indicator
3. Power Indicator
4. Power Switch
5. Antenna

