

# TAKSTAR® 得勝

## SGC-100W

### 摄像无线麦克风

### Wireless Camera Microphone

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## TAKSTAR®

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## Specification

### Transmitter

Frequency Range: 600~950MHz (segmented)  
Power Supply: 2pcs AA 1.5V alkaline batteries  
Playtime: About 15 hours (depending on the battery)  
Operating Range: 30m in open area  
Transmit Power:  $\leq 10\text{mW}$

### Receiver

Frequency Range: 600~950MHz (segmented)  
Power Supply: 2pcs AA 1.5V alkaline batteries  
Playtime: About 15 hours (depending on the battery)  
Frequency Response: 30Hz-15KHz  
S/N Ratio:  $>50\text{dB}$   
Receiving Sensitivity:  $\leq -80\text{dBm}$

## Product Content

Receiver	1pc
Transmitter	1pc
Lavalier Microphone	1pc
1.5V AA Alkaline Battery	4pcs
3.5mm-3.5mm Conversion Cable	1pc
User Manual	1pc

## Application

- Shooting, video, interview, production

\* Specifications are subject to change without prior notice.

## 尊敬的客户：

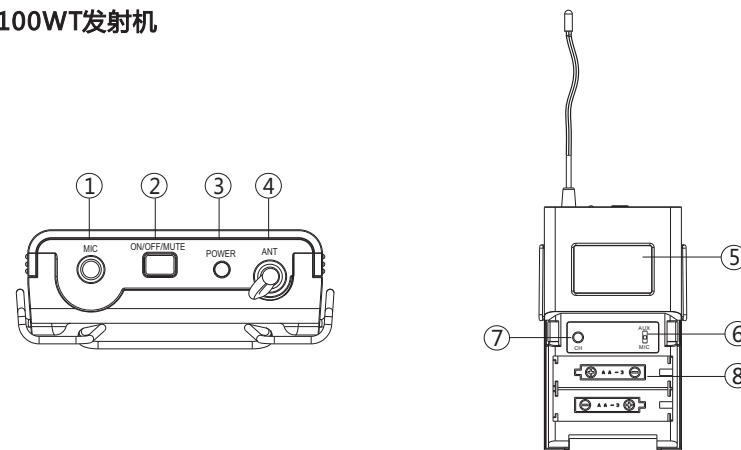
欢迎选购SGC-100W摄像无线麦克风，为了确保您更好地使用本产品，请在使用前，详阅本说明书，了解正确操作方法，以获得满意的使用效果；并请妥善保存好本说明书，以备将来需要。

## 产品特性

- 声音采用无线设备传输，摆脱传统有线束缚，为拍摄及采访现场提供便利；
- 接收机采用标准靴型连接扣设计，可直接固定和连接到摄像机、单反相机等拍摄设备；
- 采用UHF频段设计，比传统的VHF频段抗干扰能力强，传输更可靠；
- 预设6个频道可供选择，可有效避开干扰信号；
- 单发射机在有效距离内可配多个接收机使用；
- 发射机、接收机均可显示电池电量、信道信息，用户可直观了解系统信息；
- 发射机设有LINE、MIC输入切换开关，兼容线路信号和麦克风输入。

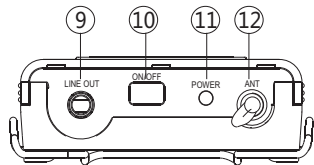
## 功能操作指示

### SGC-100WT发射机



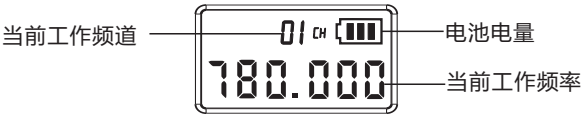
- ① MIC插孔：可输入MIC或AUX信号（输入选择开关，需要与 ⑥ 输入信号对应）；
- ② 电源按键：长按该键3秒为开/关机，点按该键可进入/退出静音模式；
- ③ 电源指示灯：开机状态时亮绿灯，红灯闪烁表示静音状态；当指示灯亮红色时，表示电池低电量，需更换电池；
- ④ 发射天线：1/4波长鞭状天线；
- ⑤ 液晶面板：显示当前工作频道和电池电量；
- ⑥ 输入选择开关：开关拨至“AUX”为线路输入，开关拨至“MIC”为麦克风输入；
- ⑦ 频道调整：点按“CH”开关切换至所需的频道，提供6个频道可选；
- ⑧ 电池仓：装2节AA电池。

SGC-100WR接收机



- ⑨ 线路输出插孔（连接摄像机、摄影机）；
- ⑩ 电源按键：长按该键3秒为开/关机；
- ⑪ 电源指示灯：开机状态时亮绿灯，表示电池电量正常；当指示灯亮红色时，表示电池低电量，需更换电池；
- ⑫ 接收天线：1/4波长鞭状天线；
- ⑬ 液晶面板：显示当前工作频道和电池电量；
- ⑭ 音量减小按键；
- ⑮ 音量增加按键；
- ⑯ 频道调整：点按“CH”开关切换至所需的频道，提供6个频道可选；
- ⑰ 电池仓：装2节AA电池。

面板显示



连接摄像机

SGC-100W接收机  
连接至相机MIC/AUX IN插孔



Operating Instruction

1. Assemble the supplied batteries into the battery compartment and turn on the power, when the indicator lights up, it means the transmitter is under normal working status
2. Insert the microphone into MIC socket of the transmitter (signal input selectable switch should be at “MIC” position), aim at the microphone to speak
3. Turn on the receiver after assembling the batteries, when the indicator lights up, it means the receiver is under normal working status (adjust the CH button to match the channel of the transmitter)
4. Plug the conversion cable into the receiver output socket ⑨ and increase/decrease the volume via the volume button

Cautions

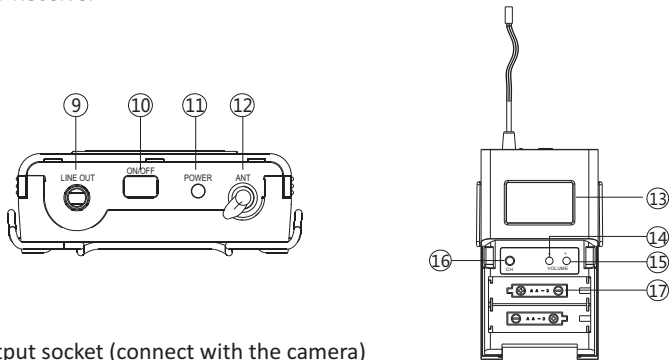
1. Make sure the batteries are assembled with correct polarity to avoid damage
2. This product has been modulated by accurate equipment, do not dismantle it by yourself to avoid abnormal working
3. Do not use or store it under dusty, humid, high temperature and strong magnetic environment to avoid lifetime influence
4. Use standard new battery, it may lead to chemical material leakage and damage the electronic components if using inferior and low power battery
5. Take out the batteries when not using it for a long time

Simple Trouble Shooting

Troubles	Possible reason	Countermeasure
No sound	The transmitter is not turned on	Turn on the transmitter
	The receiver is not turned on	Turn on the receiver
	Battery power is low	Replace with new battery
	Receiver volume is low	Adjust the volume of the receiver
	Receiver is too far away from the transmitter and the mute control of the receiver turns on automatically	Use the receiver within the effective range as specified in the manual
	Frequencies are not matched	Adjust the CH button on the receiver to match the channel of the transmitter
The power indicator does not light when the power switch is turned on	Battery is assembled oppositely	Check if the battery is assembled wrongly, reassemble it in the right way according to the polarity
The receiver receives other sound or broadcasting	The working channel is close to other frequency channel	Adjust a new channel for the transmitter and the receiver

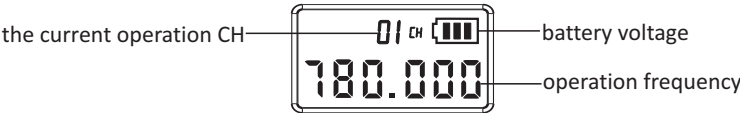
⑧ Battery compartment: assemble 2pcs of AA batteries

SGC-100W Receiver



- ⑨ Line output socket (connect with the camera)
- ⑩ Power button: long press for power on/off
- ⑪ Power indicator: the LED lights green when the receiver is powered on; the LED lights red when the battery level is low, please replace timely
- ⑫ Receiving antenna: 1/4 wave whip antenna
- ⑬ LCD panel: indicates the current working channel and battery power level
- ⑭ Volume decreasing button
- ⑮ Volume increasing button
- ⑯ Channel adjustment: press “CH” button to shift to the desired channel, 6 channels for option
- ⑰ Battery compartment: assemble 2pcs of AA batteries

Panel Displays



Connection

SGC-100W Receiver

Connect Line Out of the receiver with Mic/Aux In of the camera



操作说明

1. 将随机配送的5号碱性电池装入电池仓内，打开电源开关，指示灯亮，表示发射机进入正常工作状态；
2. 将麦克风插头插入发射器的“MIC”内（此时输入选择开关应拨至“MIC”位置），对准咪头发音；
3. 在接收机装入5号碱性电池后开启，指示灯亮，表示进入工作状态。（此时须调节调频CH按键，使其与发射器的频道一致）；
4. 将配备的转接线插入接收机的线路输出插孔⑨，并通过音量调节按键来增减音量。

注意事项

1. 安装电池应确保极性正确，以免导致机器损坏；
2. 本机已经过精密仪器调校好，请勿擅自拆卸，以免机器不能正常工作，而导致保修凭证作废；
3. 不宜在多尘、潮湿、高温、强磁场等环境下使用或贮存，以免影响机器的使用寿命；
4. 尽量使用标准规格的新电池，如使用劣质及电量不足的电池，它可能会泄漏化学物质并损坏电子组件；
5. 长期不使用时，应将电池取出。

简单故障排除

故障现象	可能原因	处理方法
没有声音	发射机没有开启	开启发射机
	接收机没有开启	开启接收机
	电量不足	更换新电池
	接收机音量没有调大	调节接收机音量
	接收机远离发射机,接收机静音功能自动开启	接收机需在发射距离的有效范围内使用
	频率不吻合	调校接收机的CH按键，使接收与发射频率相同
打开电源开关指示灯没有亮	电池装反	检查电池是否装反，将电池按正确的极性方向安装好
接收机收到其他声音或广播	工作频率和其它广播等频率相近	更换发射和接收的工作信道

## 技术参数

### 发射机：

工作频率：600~950MHz（分段）

供电方式：两节AA 1.5V碱性电池

使用时间：≈15小时（视电池）

发射距离：30m（空旷）

发射功率：≤10mW

### 接收机：

接收频率范围：600-950MHz（分段）

供电方式：两节AA 1.5V碱性电池

使用时间：≈15小时（视电池）

频率响应：30Hz-15KHz

信噪比：>50dB

接收灵敏度：≤-80dBm

## 包装配置

接收机	1台
发射机	1台
领夹麦克风	1个
1.5V碱性电池	4节
3.5转3.5插头转换线	1条
说明书	1份

## 适用场合

- 主要适用于拍摄、录像、现场采访、现场制作等场合

\* 本产品相关规格及配置如有变更，恕不另行通知。

### Dear customer,

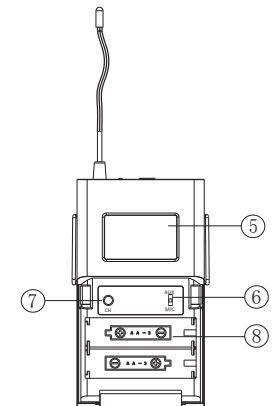
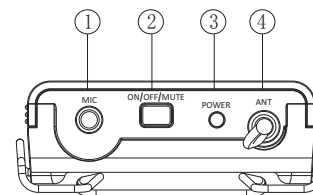
Welcome to purchase SGC-100W wireless camera microphone. To ensure better operation, please read the manual carefully to know the right operation way. Please keep the manual for reference in future.

## Features

- Wireless signal transmission for convenient camera shooting and live interview
- Receiver adopts standard shoe connecting buckle for direct connection with the camera
- UHF frequency range design avoids interference and assures stable transmission
- 6 selectable channels
- One transmitter can be operated with multiple receivers within the operating range
- Both the transmitter and the receiver use LCD to display the frequency, channel and battery level status intuitively
- Designed with Line in and Mic in transfer switch on the transmitter

## Function Operating Instruction

### SGC-100W Transmitter



- ① MIC socket: input MIC or AUX signal (the signal input selectable switch ⑥ should match with the input signal)
- ② Power button: keep pressing 3 seconds to turn on/off, press for mute/speak
- ③ Power indicator: when the transmitter is turned on, the indicator is green; when it is in mute state, the indicator flashes red; when it is at low power, the indicator lights up red, please replace the battery timely
- ④ Antenna: 1/4 wave whip antenna
- ⑤ LCD panel: indicates the current working channel and battery power level
- ⑥ Signal input selectable switch: shift the switch to "AUX" for line input and shift the switch to "MIC" for microphone input
- ⑦ Channel adjustment: short press "CH" button to shift to the desired channel, 6 channels for option