TAKSTAR®得胜

G108无线一拖八会议系统
8-Channel Wireless Conference System

使用说明
User's Manual

G108 无线一拖八会议系统

■ 前言

尊敬的用户：

感谢您选购得胜G108无线一拖八会议系统，为了您能够更好的了解使用本产品，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

- 使用UHF 542MHz—667MHz频段，抗干扰性强。
- 使用PLL锁相环和高精度石英晶体，加上微电脑单片机控制，频率稳定度极高。
- 具备红外对频（同步）功能，提高了产品的使用方便性。
- 具备先进的数码导频功能，有效解决干扰和窜频现象。
- 具备三路与逻辑关系的自动静音及冲击消除电路，避免开关机的冲击和噪音。
- 具备自动选讯功能，快速准确地找出无干扰的可用信道，大大简化工程安装中的调试工作。
- 会议座支持锂电池/干电池两种供电方式，通过开关切换。
- 采用双升压电路设计，电池电压降低时不会影响发射的性能。
- 简洁的操作界面，极少的可调部件，可避免误操作造成故障。
- 会议咪上采用无声开关，有效防止开关机的机械响声。
- 极高的拾音灵敏度，使您的讲话或者唱歌都能轻松自如。
- 可多台叠机使用，无干扰和串频现象。

■ 适用范围

会议，教室，多功能厅等

■ 技术参数

系统参数

- 频率范围： 542MHz—667MHz
- 频段： 542mhz-592mhz、612.25-667mhz
- 调制方式： FM调频
- 可调信道数： 400个（2个频段，每段200信道）
- 信道间隔： 250KHz
- 振荡方式：锁相环PLL频率合成
- 频率稳定性：±10ppm
- 动态范围：100dB
- 音频频响：60-16000Hz
- 综合信噪比：≥110dB
- 综合失真度：≤0.5%
- 工作距离：100m（在理想环境下）
- 工作环境温度：-10℃—+50℃
- 接收方式：超外差二次变频
- 中频： 110MHz,10.7MHz
- 天线接入：BNC/TNC/50Ω
- 接收灵敏度：-95—-75dBm
- 杂散抑制：≥-75dB
- 音频输出：+10dB
- 电源规格：DC12V
- 消耗功率：≤14W

G108Z技术规格

- 天线：内置
- 杂散抑制：-60dB
- 输出功率：10—30mW
- 电池规格：2x1.5V AA Size/3.7V 18650电池
- 续用时间：10—20小时（视电池不同）

G108H技术规格

- 天线：内置
- 杂散抑制：-60dB
- 输出功率：10—30mW
- 电池规格：2x1.5V AA Size
- 续用时间：10—20小时（视电池不同）

■ 技术参数

G108P技术规格

- 发射天线：1 / 4 波长鞭状发射天线
- LCD 显示屏：显示当前工作频率、信道和电池电量
- 杂散抑制：-60db
- 输出功率：10–30mW
- 电池规格：2x1.5V AA Size
- 续用时间：10–20小时（视电池不同）
- 重量：100g
- 产品尺寸：87×61×23mm

G108C技术规格

- 灵敏度：-45 ±3dB （re 0dB=1V/ Pa @ 1kHz, RL=680Ω, Vs=1.5V DC）
- 阻抗：680Ω±30% (@ 1kHz, RL=250Ω±30%）
- 指向特性：单指向性(Uni-directional) —心型（Cardioid）
- 信噪比：≥65 dB SPL (A weighted)
- 基准电压：DC 5V
- 工作电压：1.1V~10V
- 频率响应特性：70Hz ~20KHz
- 最大声压级：120dBSPL 以上（THD<1% @ 1kHz re 0dB SPL=2X10^{-5}Pa @1KHz）
- 工作电流：<500μA (re RL =250Ω, Vcc= 5V DC)
- 重量：82g
- 产品尺寸：423*ϕ19.7mm

G108D技术规格

- 灵敏度：-40 ±3dB （re 0dB=1V/ Pa @ 1kHz, RL=680Ω, Vs=1.5V DC）
- 阻抗：680Ω±30% (@ 1kHz, RL=250Ω±30%）
- 指向特性：单指向性(Uni-directional) —心型（Cardioid）
- 信噪比：≥65 dB SPL (A weighted)
- 基准电压：DC 5V
- 工作电压：1.1V~10V
- 频率响应特性：70Hz ~20KHz
- 最大声压级：120dBSPL 以上（THD<1% @ 1kHz re 0dB SPL=2X10^{-5}Pa @1KHz）
- 工作电流： <500μA (re RL =250Ω, Vcc= 5V DC)
- 重量：150g
- 产品尺寸：21*27.7*187mm

■ 技术参数

领夹麦克风技术规格

- 灵敏度：-45 ±3dB （re 0dB=1V/ Pa @ 1kHz, RL=680Ω, Vs=1.5V DC）
- 阻抗：680Ω±30% (@ 1kHz, RL=680Ω±30%）
- 指向特性：单指向性(Uni-directional) —心型（Cardioid）
- 信噪比：≥65 dB SPL (A weighted)
- 基准电压：DC 5V
- 工作电压：1.1V~10V
- 频率响应特性：70Hz ~20KHz
- 最大声压级：120dBSPL 以上（THD<1% @ 1kHz re 0dB SPL=2X10^{-5}Pa @1KHz）
- 电极性：JIS标准("-" grounding)
- 工作电流：<500μA (re RL =680Ω, Vcc= 5V DC)

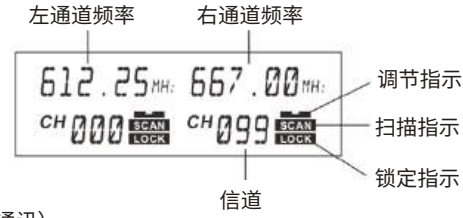
头戴麦克风技术规格

- 灵敏度：-40 ±3dB （re 0dB=1V/ Pa @ 1kHz, RL=2.2KΩ, Vs=1.5V DC）
- 阻抗：2.2kΩ±30% (@ 1kHz, RL=680Ω±30%）
- 指向特性：全指向性(Omni-directional)
- 信噪比：≥65 dB SPL (A weighted)
- 基准电压：DC 5V
- 工作电压：1.1V~10V
- 频率响应特性：70Hz ~20KHz
- 最大声压级：120dBSPL 以上（THD<1% @ 1kHz re 0dB SPL=2X10^{-5}Pa @1KHz）
- 电极性：JIS标准("-" grounding)
- 工作电流：<500μA (re RL =2.2KΩ, Vcc= 5V DC)

■ 接收机操作指南

1. 信道调节：

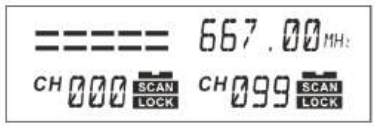
在正常开机并解锁状态下，短按"SET"键可进入手动信道调节的功能，默认从右通道MIC2开始，屏幕对应的调节指示闪动，再次短按"SET"键可选择调节左通道MIC1,按"UP(▲)"、"DOWN(▼)"键可以调到所需的频率和信道，3秒后自动保存并退出。



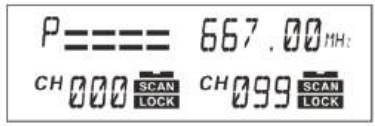
2. 手动对频（红外同步数码通讯）

A. 左通道对频：

正常开机并解锁状态下，先开启一个发射机并将发射机的红外接收窗对准接收机的红外发射窗（0.5-3米范围内）。再长按"UP(▲)"键进入红外对频功能，默认从左通道MIC1开始，左通道显示"▬▬▬▬▬"字符，选定2秒后自动进入对频状态，并从1格到5格递增且重复，表示正在发送红外信息码（如下图所示）



右边的显示保持不变，接收机左通道MIC1显示"P▬▬▬▬"（如下图所示）说明对频成功并自动保存退出。对频成功后发射机的频率与接收机的频率相同。如果5秒内对码不成功则自动退出对码功能并保持原来状态。



B. 右通道对频：
先关闭左通道的已对好的那个发射机，再开启一个没对频的发射机，
接收窗对准接收机的红外发射窗长按"UP(▲)"键进入红外对频功能，默认从左通道MIC1开始，2秒内再短按"SET"键可选择右通道MIC2，右通道显示"▬▬▬▬"字符。后面的对频过程与左通道对频相同，频点之间间隔大于0.5MHz。
C. 另外其他通道的对频方法与以上方法相同。每个通道只能对一个发射机并且不能同频。根据不同的环境，需要调到适应频点位置。调动参数后需要重新对频才可使用。

3. 自动对频 （自动搜索空闲信 道并对码）：
正常开机并解锁状态下，长按"DOWN(▼)"键进入自动搜索功能，默认从左通道MIC1开始(2秒内再短按"SET"键可选择右通道MIC2)，屏幕显示频率数字变化且"字符闪动，表示正在搜索中，从低到高搜索完整个频段的信道，然后显示并保存选定的空闲信道，同时自动进入对码功能，5秒左右是否对码成功都自动退出；执行过程中短按"UP(▲)"键则退出此功能。如果5秒内对码不成功则自动退出对码功能并保持原来显示的频点和ID码。为避免搜索到相同频道，已对好频的发射机需保持开启状态及红外窗不要对准接收机。

4. 加、解锁功能：
正常开机并解锁状态下，长按"SET"键不放可以锁定接收机，此时屏幕显"LOCK"符号，锁定状态时按键不起作用；接收机处于锁定状态时，长按"SET"键不放可以解锁，此时屏幕显的"LOCK"符号消隐，按键功能恢复。加、解锁功能二边同步执行。

备注：频段542MHz-592MHz发射机只能与接收机上面四通道对频，频段612.25MHz-667MHz发射机只能与接收机下面四通道对频

■ 系统菜单设置

关机状态下，按住"UP(▲)"键再开机，可进入系统菜单设置，屏幕显示"-SET-"后直接进入子菜单"-SQL-"；再短按"SET"键可循环选择子菜单"-SQL-" 左、"-SQL-"右、"RF OUT"左、"RF OUT"右，"L IGHT"左、"L IGHT"右，"IDF UN"左、"IDF UN"左，同时对应子菜单一边的调节指示闪动，短按"UP(▲)"或"DOWN(▼)"键可选择到所需要的设定。

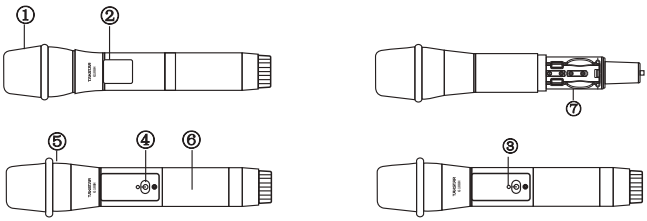
1、"-SQL-" 表示接收限制灵敏度，分11档，-95到-75表示接收能力从强到弱，抗干扰能力从弱到强。可跟据实际环境作相应调整。出厂为-95。

2、"RF OUT" 表示发射机功率，分高"H"，低"L"，对频后发射机屏幕会显示高低指示。出厂为"H"。

3、"L IGHT" 表示省电模式开关，"ON"为发射机屏幕LED亮，"OFF"为暗（节能模式），出厂为"ON"。

4、"IDF UN" 表示ID码选择，"ON"为有、"OFF"为无，有ID码时接收机屏幕对应的调节指示显示，无ID码时对应的调节指示 不显示，出厂为"ON"。

■ G108H无线手持麦克风功能说明



①话筒网头：（内配有高密度海绵）本网头经特殊工艺处理，具有防撞防滚动功能。

②LCD显示屏：显示频道、频率信道及电池电量。

③红外对频窗口：配合接收机手动或自动对频。

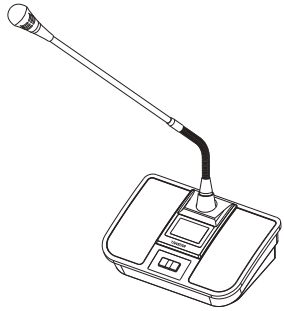
④电源开关：可切换关机状态与正常使用状态。

⑤话筒握把上部：连接网头及握把下部。

⑥话筒握把下部：逆时针旋转可以打开握把，握把里面有塑料支架。

⑦塑料支架：内装电池、发射电路板、尾部内置发射天线。

■ G108Z无线会议麦克风功能说明



1. 锂电池/干电池切换:

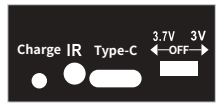
3.7V 档位：锂电池供电，第一次使用时，请充电后再使用；

3V档位：干电池供电;

关档位：底座进入关机状态。

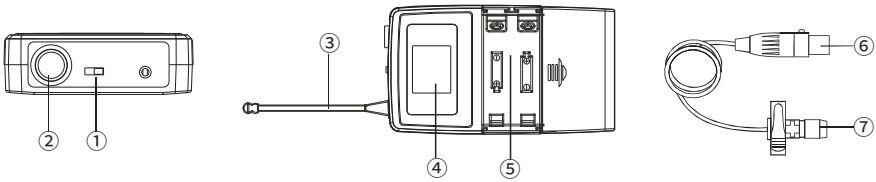
2. 红外同步:

将发射器的后部对准接收机的红外发射窗，配合接收机操作完成信息同步。



背面

■ G108P耳挂领夹式麦克风功能说明



①电源开关：置于“ON”位置为开，置于“OFF”位置为关。

②麦克风输入插座。

③发射天线： 1 / 4 波长鞭状发射天线。

④ LCD 显示屏：显示当前工作频道和电池电量。（具体操作跟手持式发射机设置一样）

⑤电池仓：装 2 节 5 号 1 . 5V 碱性电池。

⑥领夹式麦克风插头：直接插在麦克风输入插座上可使用。

⑦电容式麦克风拾音头。

■ 故障及解决方法

下表列出一些常用的故障及解决方法：如果你无法解除故障，请您与您的经销商联系。

现象	原因	处理方法
麦克风显示屏电量指示为空格，灯还闪烁	电池电量不足	更换足电量的电池
麦克风显示屏无显示灯还不亮	安装电池时极性错误	检查并按照标示极性正确安装
	电池电量严重不足	更换足电量的电池
	电池接触片藏污或锈蚀	清洁或更换电池接触片
接收机通电无反应	市电插座不通电	检查市电插座
	接收机电源适配器损坏	更换相同规格的电源适配器
	麦克风未开启	开启对应麦克风
	麦克风与接收机频率不符	对照操作指南中有关章节，正确调整频率
接收机无接收	麦克风超出有效距离	回到有效距离内
	麦克风未经对频授权	进行对频操作，以便获得授权
接收机有接收无声音	音量旋钮处于最小位置	检查并调节接收机和扩音器材的音量旋钮
	音频连接线接错或不良	检查并正确可靠地连接音频接线
音乐发出尖叫声	声音反馈啸叫	减小音量，麦克风不要对着音箱；拉开麦克风与音箱的距离
使用中声音时断时续	超出有效操作距离	回到有效距离
有效操作距离短	环境过于复杂	避开过于复杂的环境。如果麦克风与接收机之间有大型金属物、砖墙、大批人群等，将大幅影响有效距离

■ 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，请仔细阅读并遵守以下事项:

1. 使用产品时请确认所连接设备与本产品功率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，以免造成产品异常和听力损伤；
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，然后将产品送经销商检修；
3. 本产品及附件都应放置在室内干燥通风处，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；
4. 若产品需要固定于墙壁或天花板上时，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；
5. 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机，以免导致意外事故；
6. 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经销商跟进处理。

仅适用于海拔2000米以下地区使用

仅适用于非热带气候条件下使用

■ Welcome

Dear Customer,

Thank you for purchasing TAKSTAR G108 8-Channel Wireless Conference System. In order to better understand and use the product, please read this manual carefully. If you have any questions or suggestions, please contact our local dealer.

■ Features

- UHF 612.25MHz~690.00MHz with strong anti-interference property.
- PLL and high-precision quartz crystal, plus MCU control for high frequency stability.
- IR sync function for ease of use.
- Advanced digital pilot frequency effectively resolves interference and crosstalk.
- Three AND-logic squelch circuits to prevent noise and surge upon power on/off.
- Auto frequency finder to help find the interference-free channel quickly and easily.
- Switchable power supply for conference mic base, via lithium or dry battery.
- Dual boost circuit to ensure transmission performance unaffected by decrease of battery voltage.
- Simple UI and controls to prevent accidental setting changes leading to malfunction.
- Silent switch on conference microphone to avoid mechanical switch noise.
- Highly sensitive vocal pickup, allowing effortless speech or singing.
- Use multiple sets together without interference or crosstalk between one another.

■ Application

- Conference room, classroom, multifunction hall.

■ Specifications

System Parameters

- Frequency Range: 542MHz-667MHz
- Frequency Band: 542mhz-592mhz, 612.25-667mhz
- Modulation: FM
- Frequency Channel: 400 (200 channels per band, 2 bands in total)
- Channel Spacing: 250KHz
- Oscillation Mode: PLL synthesized
- Frequency Stability: ±10ppm
- Dynamic Range: 100dB
- Audio Frequency Response: 60-16000Hz
- S/N Ratio: ⩾110dB
- Distortion: ⩽0.5%
- Operating Range: 100m (open area)
- Operating Temperature: -10°C~+50°C
- Receiving Mode: dual conversion superheterodyne
- Intermediate Frequency: 110MHz, 10.7MHz
- Antenna: BNC/TNC/50Ω
- Receiving Sensitivity: -95~-75dBm
- Spurious Suppression: ⩾-75dB
- Audio Output: +10dB
- Power Supply: DC 12V
- Power Consumption: ⩽14W

G108Z Specifications

- Antenna: built-in
- Spurious Suppression: -60dB
- Output Power: 10~30mW
- Power Supply: 2x1.5V AA battery / 3.7V 18650 li-ion battery
- Battery Life: 10~20h (subject to the battery)

■ Specifications

G108H Specifications

- Antenna: built-in
- Spurious Suppression: -60dB
- Output Power: 10~30mW
- Power Supply: 2x1.5V AA battery
- Battery Life: 10~20h (subject to the battery)

G108P Specifications

- Transmitting Antenna: 1/4 wavelength whip antenna
- LCD Display: shows current operating frequency, channel and battery level
- Spurious Suppression: -60db
- Output Power: 10–30mW
- Power Supply: 2x1.5V AA batteries
- Operation Time: 10–20 hours (depending on the battery)
- Weight: 100g
- Dimensions:87×61×23mm

G108C Specifications

- Sensitivity: -45 ±3dB (re 0dB=1V/Pa @ 1kHz, RL=680Ω, Vs=1.5V DC)
- Impedance: 680Ω±30% (@ 1kHz, RL=250Ω±30%)
- Polar Pattern: uni-directional, cardioid
- Signal-to-Noise Ratio: ⩾65 dB SPL (A weighted)
- Voltage Reference: DC 5V
- Operating Voltage: 1.1V~10V
- Frequency Response: 70Hz ~20KHz
- Max. SPL: 120dB SPL (THD<1% @ 1kHz re 0dB SPL=2X10^{-5}Pa @1KHz)
- Operating Current: <500μA (re RL =250Ω, Vcc= 5V DC)
- Weight: 82g
- Dimensions: 423*ø19.7mm

G108D Specifications

- Sensitivity: -40 ±3dB (re 0dB=1V/Pa @ 1kHz, RL=680Ω, Vs=1.5V DC)
- Impedance: 680Ω±30% (@ 1kHz, RL=250Ω±30%)
- Polar Pattern: uni-directional, cardioid

- Signal-to-Noise Ratio: ⩾65 dB SPL (A weighted)
- Voltage Reference: DC 5V
- Operating Voltage: 1.1V~10V
- Frequency Response: 70Hz ~20KHz
- Max. SPL: 120dB SPL (THD<1% @ 1kHz re 0dB SPL=2X10^{-5}Pa @1KHz)
- Operating Current: <500μA (re RL =250Ω, Vcc= 5V DC)
- Weight: 150g
- Dimensions: 21*27.7*187mm

Lavalier Microphone Specifications

- Sensitivity: -45 ±3dB (re 0dB=1V/Pa @ 1kHz, RL=680Ω, Vs=1.5V DC)
- Impedance: 680Ω±30% (@ 1kHz, RL=250Ω±30%)
- Polar Pattern: uni-directional, cardioid
- Signal-to-Noise Ratio: ⩾65 dB SPL (A weighted)
- Voltage Reference: DC 5V
- Operating Voltage: 1.1V~10V
- Frequency Response: 70Hz ~20KHz
- Max. SPL: 120dB SPL (THD<1% @ 1kHz re 0dB SPL=2X10^{-5}Pa @1KHz)
- Polarity: JIS standard ("-" grounding)
- Operating Current: <500μA (re RL =680Ω, Vcc= 5V DC)

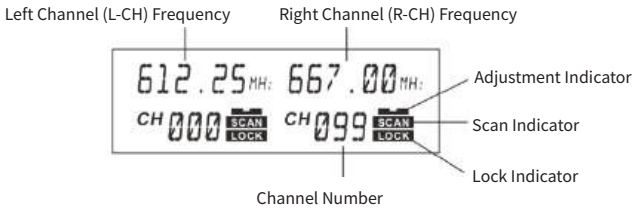
Headset Microphone Specifications

- Sensitivity: -40 ±3dB (re 0dB=1V/Pa @ 1kHz, RL=2.2KΩ, Vs=1.5V DC)
- Impedance: 2.2kΩ±30% (@ 1kHz, RL=680Ω±30%)
- Polar Pattern: omni-directional
- Signal-to-Noise Ratio: ⩾65 dB SPL (A weighted)
- Voltage Reference: DC 5V
- Operating Voltage: 1.1V~10V
- Frequency Response: 70Hz ~20KHz
- Max. SPL: 120dB SPL (THD<1% @ 1kHz re 0dB SPL=2X10^{-5} Pa @1KHz)
- Polarity: JIS standard ("-" grounding)
- Operating Current: <500μA (re RL =2.2KΩ, Vcc= 5V DC)

■ Receiver Operation Instructions

1. Signal Channel Adjustment

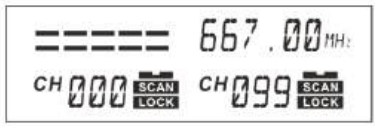
When turned on and unlocked, short press “SET” button to manually adjust signal channel, which by default starts from the R-CH MIC2. You can also short press again to switch to L-CH MIC1. During editing, the corresponding Adjustment Indicator will flash. Adjust to a desired signal channel/frequency by pressing “UP(▲)” or “DOWN(▼)”, then leave idle for 3s for the system to automatically save settings and exit.



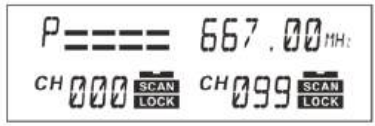
2. Manual Sync (digital communication infrared sync)

A. L-CH Sync

When turned on and unlocked, turn on one transmitter, point the IR windows of both transmitter and receiver towards each other (within 0.5~3m). Then press and hold “UP(▲)” to enter IR Sync mode, which by default starts from the L-CH MIC1, indicated by “▬▬▬▬▬” (5-bar meter) on the LCD screen. After 2s, the system automatically starts syncing and transmitting IR code as the meter changes from 1 bar to 5 bars cyclically, as shown below.



When the frequency digits remain unchanged, and the L-CH MIC1 displays "P▬▬▬▬" (shown below), it means that the frequency is matched successfully, setting is saved and sync mode exited. Once synced, the transmitter's frequency becomes same as that of the receiver. The system will automatically exit sync mode and return to its original status after failing to sync in 5s.



B. R-CH Sync

First, turn off the transmitter synced with L-CH, and turn on another un-synced transmitter. Position the IR window of the transmitter towards that of the receiver, then press and hold "UP(▲)" to enter sync mode, which by default starts from the L-CH MIC1. Within 2s, press "DOWN(▼)" once to select the R-CH MIC2, indicated by "▬▬▬▬▬" in the R-CH LCD. The subsequent syncing steps are same as those for the left channel. Spacing between frequencies used should be larger than 0.5MHz.

C. Follow the above steps for syncing in other channels. A transmitter can only be synced to one channel at a frequency different from other transmitters. Find an appropriate frequency depending on your environment. Frequency parameter changes on the receiver will require re-syncing.

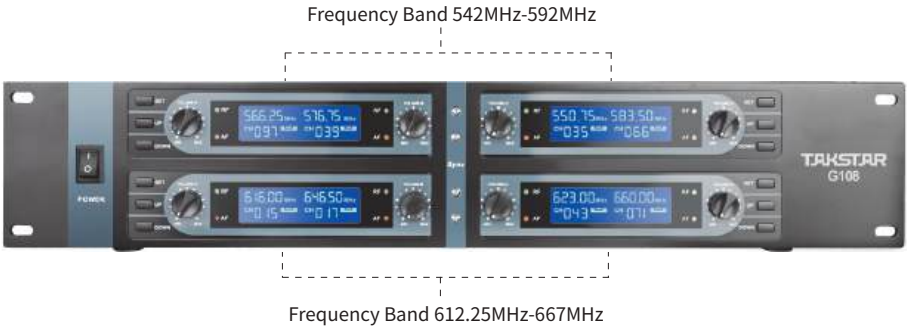
3. Auto Sync (auto search for free channel and sync)

When turned on and unlocked, press and hold "DOWN(▼)" to initiate Auto Sync function, which by default starts from the L-CH MIC1 (or press "SET" again within 2s to select R-CH MIC2). In Auto Sync mode, frequency digits on the screen will change and flash during channel search, from low to high throughout the frequency band, then stop on a free channel and be auto saved. Subsequently, auto sync function will engage, then exit within around 5s regardless of successful sync or not. During Auto Sync, you can press "UP(▲)" once to manually exit. The searched frequency and ID No. are kept in case of auto exit after failing to sync in 5s. Keep synced transmitters turned on with their IR windows pointing away from the receiver during this process to avoid finding an already-used frequency.

4. Lock/Unlock

When turned on and unlocked, press and hold “SET” to lock/unlock the receiver, indicated by the “LOCK” symbol on the LCD screen. When locked, other buttons will not work.

Note: Transmitters at frequency band 542MHz-592MHz can only sync with the 4 channels at the top of the receiver, while those at frequency band 612.25MHz-667MHz can only sync with the 4 channels at the bottom.

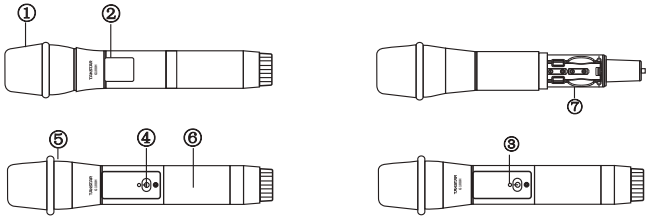


■ System Menu Settings

When turned off, press and hold “UP(▲)” and turn on the receiver to enter system menu settings. The screen will show “-SET-” before entering sub menu “-SQL-”; short press “SET” to cycle through sub menus “-SQL-” L, “-SQL-” R, “RF OUT” L, “RF OUT” R, “LIGHT” L, “LIGHT” R, “IDF UN” L, “IDF UN” R. The Adjustment Indicator will flash next to the active sub menu; short press “UP(▲)” or “DOWN(▼)” to select preferred setting for the sub menu.

1. “-SQL-”: receive restriction/sensitivity, 11 levels in total from -95 to -75. The lower the number, stronger the receive capability but weaker the anti-interference. Adjust properly according to the actual environment. -95 by factory default (strongest reception but lowest anti-interference).
2. “RF OUT”: transmitter output power, either “H” (High) or “L” (Low), shown on transmitter LCD when synced. “H” by factory default.
3. “LIGHT”: power-saving mode; “ON” keeps the transmitter LCD screen awake, while “OFF” dims the screen (power-saving mode). “ON” by factory default.
4. “IDF UN”: “ON” or “OFF”; “ON” shows the ID Code (if any) on the Adjustment Indicator on receiver LCD, while “OFF” does not. “ON” by factory default.

■ G108H Wireless Handheld Microphone Functions

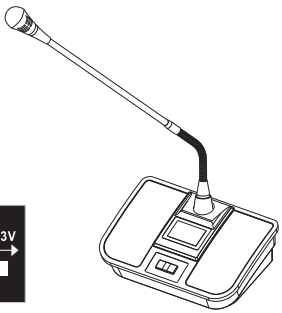


① Capsule Module (with built-in high-density foam): specially crafted for anti-rolling and impact-resistant properties.
② LCD Screen: displays Channel, Frequency and Battery Status.
③ IR Sync Window: for manual/auto frequency sync with receiver.
④ Power Switch: for power on/off, or switching operation status.
⑤ Upper Handle: for joining capsule and lower handle.
⑥ Lower Handle: can be opened by turning counterclockwise, encases a plastic holder inside.
⑦ Plastic Holder: houses batteries and transmission circuit board, with built-in transmitting antenna at the bottom.

■ G108Z Wireless Conference Microphone Functions

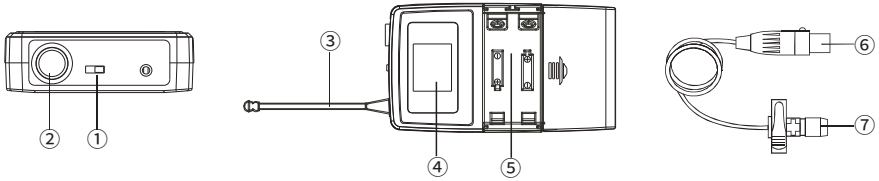
1. Battery Selection
3.7V position: Lithium battery power, please fully charge before initial use.
3V position: Dry battery power.
Off position: Powered off.

2. IR Sync
Point the back of the transmitter towards the IR window on receiver to sync data.



Rear Panel

■ G108P Bodypack Transmitter Functions



① Power Switch: flip to ON/OFF position to turn on/off the transmitter respectively.

② Mic Input Socket.

③ Transmitting Antenna: 1/4 wavelength whip antenna.

④ LCD Display: shows current operating channel and battery level. (same operation as that for the handheld transmitter)

⑤ Battery Compartment: houses two 1.5V AA alkaline batteries.

⑥ Lavalier Mic Plug: insert directly into the mic input socket to use.

⑦ Condenser Mic Cartridge.

■ Troubleshooting

If you cannot resolve the issue by the methods shown below, please contact the local dealer.

Issue	Cause	Solution
Battery indicator on microphone LCD has zero bar and is flashing.	Insufficient battery power.	Replace batteries
No display or backlight on microphone LCD	Batteries are installed in wrong polar direction.	Check and observe polarity markings for correct battery installation
	Severely insufficient battery power.	Replace batteries
	Smeared or rusted battery contact plates.	Clean or replace battery contacts
No response from receiver when powered on.	Mains outlet is not connected or live.	Check mains outlet
	Receiver power adapter is broken.	Replace with an adapter of the same spec
	Microphone is not turned on.	Turn on corresponding microphone
	Frequencies do not match between Mic/Receiver.	Correctly sync frequency following the instructions in this manual
No reception on receiver.	Microphone is out of range.	Get back within effective range
	Microphone is not synced.	Sync frequency before use
There is reception on receiver but no sound.	Volume knob is turned to minimum.	Check and properly adjust the volume knobs on receiver and amplifiers
	Audio cable is not properly connected.	Check and connect the audio cable firmly in correct port.

Screeching sound.	Feedback howling.	Lower the volume, and keep the mic pointing away from speakers; increase distance between mic and speakers.
Intermittent sound during use.	Out of effective range.	Get back within effective range.
Short effective operating range.	Environment is too complex.	Avoid overly complex surroundings, because large metals, brick walls or crowds in between mic and receiver will greatly reduce the effective range.

■ 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 or hearing impairment.
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 dealer for repair.
3. 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.
4. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
5. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
6. 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 dealer.

Suitable only for altitudes below 2,000m

Suitable only for non-tropical climates

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（不包含港澳台地区）。

产品服务保证书

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商品：_____ 型号：_____ 购买日期：_____ 年___月___日

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地址：广东省惠州市博罗县龙溪街道富康一路2号
服务热线：400 6828 333　传真：0752-6383950
邮箱：xs@takstar.com
网址：www.takstar.com

Guangdong Takstar Electronic Co., Ltd.
Address: No. 2 Fu Kang YiRd., Longxi Boluo
Huizhou, Guangdong 516121 China
Tel: 86 752 6383644　Fax: 86 752 6383952
Email: sales@takstar.com
Website: www.takstar.com

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