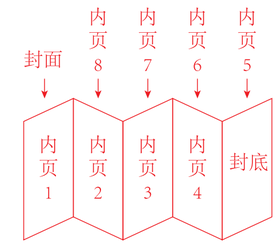


99mm

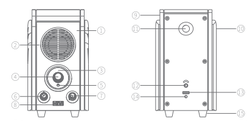
92mm

HiVi-Swans MT1 Radio&Bluetooth speaker manual

HiVi swans MT1 is a portable radio & Bluetooth speaker which integrates FM radio, Bluetooth and TWS audio transmission technology.

HiVi swans MT1 adopts professional electroacoustic design technology. The low resonant wooden box forms an independent acoustic cavity and optimized electronic band-pass filter adjustment. It adopts FM radio chip with built-in DSP and R-class (AB, D-type dual-mode switching) power amplifier with anti FM interference, anti breaking and multi-stage adaptive output gain of power supply, forming a full band inverted system, with sealed independent cavity and aluminum alloy surface The board and the built-in large capacity lithium battery can listen to news and radio anytime and anywhere, or connect two HiVi swans MT1 via Bluetooth and TWS functions, so as to realize the fun of wireless listening to stereo music of mobile phone.

First, the function description



①Aluminum alloy panel
②Horn sound grid
③FM frequency indication and backlight
④FM adjusting button
⑤Status light (FM: green, BT: blue, TWS: purple, aux: red, low battery: Red Flash)
⑥Function selection button
⑦Power switch and volume adjustment button
⑧LOGO
⑨Wooden box
⑩Side trim panel
⑪Phase inversion tube
⑫FM antenna and line input
⑬Type C charging socket
⑭TWS pairing button
⑮Shock pad

内页5

Second, technical specifications

FM frequency range:	87mhz-108mhz
FM sensitivity:	≤ 8μV
Bluetooth version:	V5.0
Bluetooth play:	automatic pairing, AAC, apt-X (LL), TWS interconnection of two speakers (within 1 m apart)
Bluetooth distance:	within 10 meters
Channel system:	full band guide tube
Unit configuration:	1.5-inch full band shielded antimagnetic loudspeaker
Frequency response range:	100Hz - 18khz
SNR:	FM ≥ 55dB, Bluetooth ≥ 85dB
Output power:	5.0w (1kHz / 10% t.h.d)

Third, the box specifications

Material:	wooden box, aluminum alloy panel, ABS back panel, shock pad
Rear:	TWS pairing button, type C charging socket, FM_ Ant / aux in socket, phase inversion tube
Front panel operation:	function selection button, FM tuning button, power switch and volume adjustment button
Status indication:	FM scale, FM console (green), Bluetooth (blue, TWS purple), aux (red), low battery (red flash)
Built in battery:	Li ion 7.4v/2200mah (16.28W · h)
Endurance time:	in the output average music power state, can provide no less than 20 hours of continuous playing time
Charging voltage:	DC 5V / 1.8A
Accessories:	bag, type C charging cable, 3.5 audio cable, FM rod antenna, instruction manual, certificate and warranty card
Product size:	W86 × D105 × H150 (mm)
Net weight:	0.65kg

内页6

Fourth, the use of precautions

①This box is made of baking paint, which should be handled with care. It is not allowed to collide or knock with hard or hard objects to avoid damaging the appearance;
②Built in large capacity lithium battery, please do not disassemble it by yourself to avoid injury;
③When the status light flashes red, it means that the battery power is insufficient. Please use the power adapter (non accessory, please select or purchase another power adapter that has obtained CCC certification and meets the requirements of the corresponding standards) to timely charge (red display) to supplement energy;
④It takes about 4 hours for the battery to be fully charged (green display) (the status indicator light changes from red to green);
⑤When FM receiving (green indication) is unstable or weak, please use the FM pull rod antenna provided to enhance the receiving effect;
⑥When playing Bluetooth, you only need to turn on Bluetooth of mobile phone, search HiVi swans MT1, and pair and connect. Press the prompt tone: "beep" - Bluetooth on, "Di" - successful connection, "Du" - - Bluetooth disconnection ", then Bluetooth operations such as automatic pairing and connection can be realized;
⑦ TWS function:
◆ Two HiVi swans are required When MT1 is composed of stereo Bluetooth Playing: in Bluetooth state, press TWS key briefly, and the two sets will automatically search and pair with each other. When the blue flash turns to purple and accompanied by "beep", the TWS box to box connection is successful, and you can listen to the stereo music pushed by the mobile phone (the left and right sound sources are associated with the an key sequence when the first speaker is paired). Among them, the main box, purple and red are always on purple The one flashing is the auxiliary box (double click the TWS key of the auxiliary box to exit the connection of the auxiliary box, or directly turn off the power supply and disconnect it);
◆ After the sub box is closed: after the main box plays for about 68 seconds, the Bluetooth playing status of the single box will be restored (purple to blue indication); after the main box is closed, there will be no play in the auxiliary box (purple and red flashing alternately), and it will be transferred to the Bluetooth mode of single box to be connected (blue flashing) after about 68 seconds;

内页7

Fourth, the use of precautions

◆ Double click the TWS button to disconnect the paired speaker. Press and hold the TWS key to disconnect the connected mobile phone and enter the pairable state of the mobile phone. In the "enter pairing" or "end pairing" status, the unmatched mobile phone cannot be paired and connected, and the paired mobile phone can be connected.
◆ Once Bluetooth is turned on again, the TWS connected pair box will automatically connect with TWS;
⑧Keep away from radiation appliances (such as router, microwave oven, etc.) to avoid radiation interference to FM or Bluetooth receiving effect;
⑨When the battery is used in depth for a long time, it will turn off automatically and the battery will enter the automatic protection off state. It can be turned on after charging and activation;
⑩In case of any abnormal phenomenon, the power supply shall be turned off immediately and the after-sales service shall be contacted.

This user guide and the graphic materials, product models, test data, functional performance, specifications and parameters presented by Huiwei's official website are for reference only. Huiwei may improve the above contents. For details, please refer to the product and product manual.Unless otherwise specified, any data involved in this User Guide and website is the internal test results of Swans. In different objective environments, the data will have different degrees of error. Please take the actual machine experience as the standard!

内页8

收音&蓝牙(TWS)音箱
HiVi-Swans MT1产品说明书

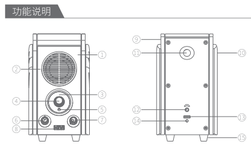
封面

HiVi-Swans MT1 收音&蓝牙(TWS)音箱

惠威HiVi-Swans MT1是一款将FM收音、蓝牙及TWS音频传输等技术融合在一起的便携式收音&蓝牙音箱。

惠威HiVi-Swans MT1采用了惠威的专业电声设计技术，低谐振的木质箱体构成独立发声腔体、优化电子带通滤波器调校，采用内置DSP的FM收音芯片及防FM干扰、防破音、电源多阶自适应输出增益的R类（AB、D类双模切换）功放，构成全频带倒相式系统，配以密封独立腔体、铝合金面板和内置大容量锂电池，可以随时随地收听新闻、广播或通过蓝牙及TWS功能连接两台HiVi-Swans MT1，实现无线聆听手机立体声音乐的乐趣。

功能说明



① 铝合金面板
② 喇叭发声栅格
③ FM频率指示及背光灯
④ FM调谐钮
⑤ 状态灯(FM:绿、BT:蓝、TWS:紫、AUX:红、电量不足:红闪)
⑥ 功能选择钮
⑦ 电源开关及音量调节钮
⑧ LOGO
⑨ 木质箱体
⑩ 侧饰板
⑪ 倒相管
⑫ FM_ANT/Aux IN输入插口
⑬ Type C充电插口
⑭ TWS配对按钮
⑮ 减震脚垫

内页1

技术规格

FM频率范围	87MHz～108MHz
FM灵敏度	≤8μV
蓝牙版本	Bluetooth V5.0
蓝牙播放	自动配对、支持AAC、APT-X(LL)及两台MT1音箱(需保持一米以内)的TWS互联
蓝牙距离	10米以内
声道系统	全频带倒相式
单元配置	1.5英寸全频带屏蔽式防磁扬声器
频响范围	100Hz～18KHz
信噪比	FM≥55dB、蓝牙≥85dB
输出功率	5.0W（1KHz/10%T.H.D）

箱体规格

材质	木质箱体、铝合金面板、ABS后板、减震脚垫
后置	TWS配对按钮、Type C充电插口、FM_ANT/Aux IN插口、倒相管
前板操作	功能选择钮、FM调谐钮、电源开关及音量调节钮
状态指示	FM刻度、FM调台(绿)、蓝牙(蓝、TWS紫)、AUX(红)、电量不足(红闪)
内置电池	Li-ion 7.4V/2200mAh(16.28W·h)
续航时间	在输出平均音乐功率状态下，可以提供不低于20小时的连续播放时间
充电电压	DC 5V/1.8A
随机配件	布袋、Type C充电线、3.5音频线、FM拉杆天线、说明书、合格证、保修卡各一
产品尺寸	W86×D105×H150(mm)
重量	0.6Kg(净重)

内页2

使用注意事项

1、本箱体为烤漆打造，须轻拿轻放，不能与坚、硬物件相碰或敲击，以避免磕伤外观；
2、内置大容量锂电池、请勿自行拆卸，以避免受到伤害；
3、当状态灯出现红色闪烁时，表示电池电量不足，请用电源适配器(非配套品，请选用或另行购买获得CCC认证并满足相应标准要求的电源适配器)及时充电(红色显示)以补充能量；
4、充满(绿色显示)电大约需4h左右(状态显示灯由红转绿)；
5、FM收台(绿色指示)不稳或信号弱时，请使用所提供的FM拉杆天线会增强接收效果；
6、蓝牙播放时只需开启手机蓝牙、搜寻HiVi-Swans MT1并配对连接，按提示音："嘟嘟"——蓝牙打开、"嗡"——连接成功、"嘟——"——蓝牙断开，即可自动配对及连接等蓝牙操作；
7、关于TWS功能的操作：
① 须两台HiVi-Swans MT1组成立体声蓝牙播放时：蓝牙状态下，分别短按TWS键，两台相互自动搜索并配对，当蓝色快闪变为紫色并伴随"嘟"声时，TWS对箱互联成功，即可聆听手机推送的立体声音乐(左右音源与首次音箱配对时AN键顺序关联)，其中常亮紫色的是主箱、紫色和红色交替闪烁的是副箱(双击副箱TWS键即可退出副箱的连接，亦可直接关闭电源断开)；
② 副箱关闭后：主箱播放约68秒左右后恢复单箱蓝牙播放状态(紫色转蓝色指示)；主箱关闭后：副箱则无播放(紫色和红色交替闪烁)，约68秒左右后转单箱蓝牙待连接(蓝色闪烁)模式；
③ 双击TWS按键，配对音箱断开，长按TWS按键则断开连接的手机进入手机可配对状态：在"进入对箱配对"或"结束对箱配对"状态时，未配过对的手机则不能配对连接，已配对的手机可以连接。
④ TWS连接过的对箱只要再次开启蓝牙后，会自动TWS连接；
8、远离有辐射的电器(如路由器、微波炉等)，以避免辐射干扰FM或蓝牙接收效果；
9、当长时间深度使用后，会出现自动关机并使电池进入自动保护关闭状态，须充电激活即可开机；
10、当出现异常现象时，应立即关断电源，与售后服务联系。

本使用指南及惠威官网所呈现的配图素材、产品型号、测试数据、功能性能、规格参数等仅供参考，惠威有可能对上述内容进行改进，所有的具体信息请参照产品实物、产品说明书。除非经特殊标注说明，本使用指南及网站所涉及的任何数据均为惠威实验室内部测试结果，在不同的客观环境下，数据会有不同程度的误差，请以实机体验为准！

内页3

产品中有害物质的名称及含量

此图示含义为：该产品可能含有某些有害物质(如下表所示)。在环保使用期限内可以放心使用，超过环保使用期限之后则应该进入回收循环系统。此标识指环保使用期限为十年(从生产日期算起)。

部件名称	有害物质					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
电缆	X	O	O	O	O	O
金属部件	O	O	O	O	O	O
木质部件	X	X	X	X	X	X
塑胶部件	O	O	O	O	O	O
电路板组件	X	O	O	O	O	O
变压器	O	O	O	O	O	O
喇叭件	O	O	O	O	O	O
包装材料	O	O	O	O	O	O

本表格依据SJ/T 11364的规定编制。
O: 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。
X: 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。
注: 环保使用期限取决于产品正常工作的温度和湿度等条件。

内页4

扫码关注惠威集团公众号
注册产品即享保修

封底

技术说明：
1. 材质：105g双铜纸，双面单色印刷。
2. 折页，99x92mm。
3. 字体字号依电脑文档。
4. 环保技术要求：必须符合ROHS环保要求。
5. 灰色：C:0 M:0 Y:0 K:70

珠海惠威科技有限公司							
名称	说明书			版本	A	公差范围	≤10±0.1 ≤50±0.2 ≥50, 12级
型号	ZL-S-HiVi-Swans MT1			材料	105g双铜纸		
编号				数量			
制图		校对		审核		批准	
页码	第1页共1页	图号			日期	2020.09.28	
修改标记	修改标记①	修改标记②	修改标记③	修改标记④			
修改签名							
修改日期							

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