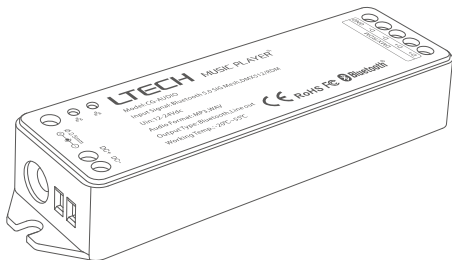


LTECH

CG-AUDIO Music Player



Product Introduction

Music Player uses the advanced Bluetooth 5.0 SIG Mesh technology that provides stable communication and reliable performance with its high networking capacity.

Multiple playback options are provided, so you can play music via a USB flash disk, a TF card or connect to a terminal device like your mobile phone or tablet to play on them. It supports multiple output modes, allowing you to connect it with a wired active speaker, a Bluetooth headphone or a Bluetooth speaker. It also supports the local scene execution with no Internet, no gateway needed. By adding a gateway device, you can achieve a variety of cloud scenes and automation using the app. You can link it with other smart devices to sync the background music with your lighting.

Through DMX signal, the music player can work with LTECH MS Panel system to sync the background music with your lighting.



Package Contents



Music Player ×1



TF Card ×1



Manual ×1

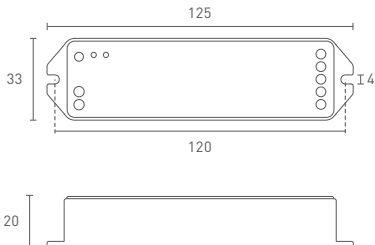
* Tools you need to prepare by yourself: DC power adapter, audio cable, USB flash drive.

Technical Specs

Input signal:	Bluetooth 5.0 SIG Mesh	Audio format:	MP3, WAV
Input voltage:	12-24Vdc	Working temp:	-20°C~55°C
Number of tracks:	128	Dimensions:	125x33x20mm(L×W×H)
TF card / USB:	128G (Max)	Package size:	127x35x27mm(L×W×H)
Output mode:	Bluetooth 4.2, Line Out	Gross weight:	70g

Product Size

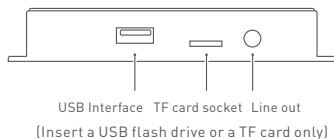
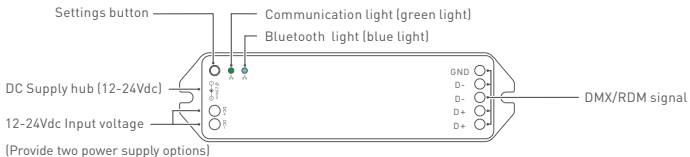
Unit: mm



Terminal Description

Status of Bluetooth indicator light (Change status by a short press on the settings button)

- ① When the Bluetooth indicator light flashes blue quickly, it's ready to search Bluetooth audio devices. You can connect a Bluetooth speaker and then play music from your USB flash drive or TF card on the speaker.
- ② When the Bluetooth indicator light flashes blue slowly, it's ready to connect a terminal device. You can connect your phone or tablet to play music on it.
- ③ When the Bluetooth indicator light stays on, Bluetooth is turned off and only wired audio output is supported. You can connect a wired speaker and then play music from your USB flash drive or TF card on the speaker.

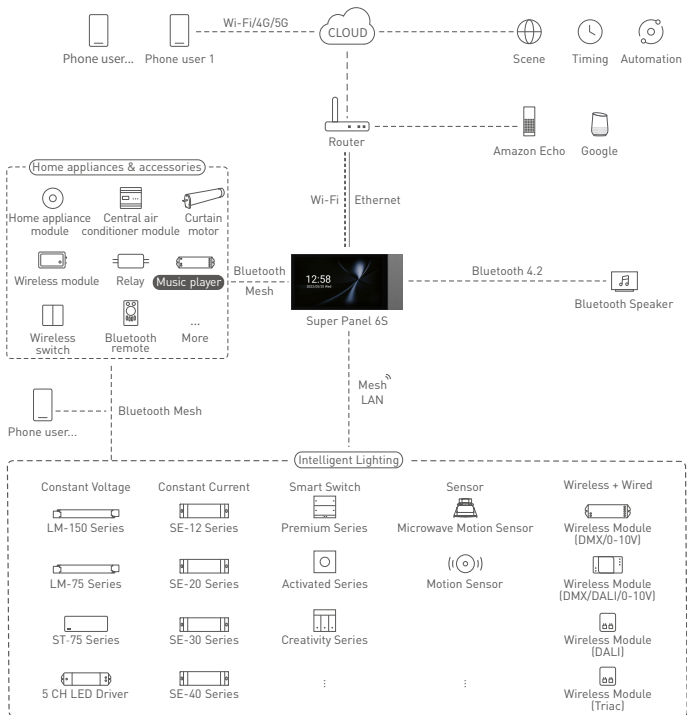


Change the order of tracks on the USB flash drive/TF card

The tracks copied to the USB flash drive/TF card are sorted in chronological order. Please be careful about the order for copying tracks (It is recommended to rename each track and add a serial number to it before you copy, so the tracks can keep organized on the USB flash drive/TF card).

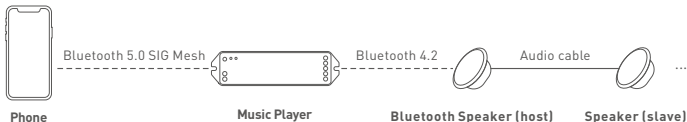
If you want a track to play first, please clear all the tracks on the USB flash drive or TF card, and then copy the track first. The same operation goes for the rest of tracks.

Bluetooth System Diagram



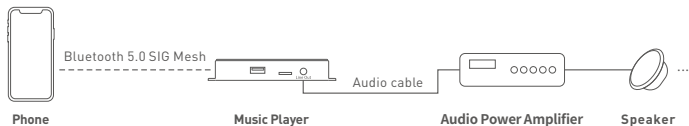
Application Scenes Running in the Bluetooth System

Bluetooth Connection [Play Audio from a USB Flash Drive / TF Card]



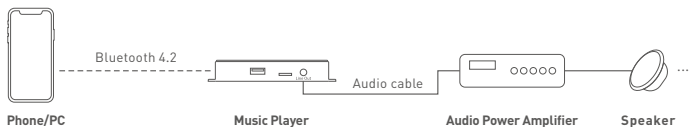
- ① First, copy tracks to a USB flash drive or a TF card. (Please refer to P2 of this manual for detailed instructions).
 - ② Insert the USB flash drive or TF card with copied tracks into the music player.
 - ③ Follow the L-Home App instructions to add the music player to your home. (Please refer to P5 of this manual for detailed instructions). By clicking **【Sync songs】**, sync the track information from the USB flash drive/TF card to the App.
 - ④ Refer to the Bluetooth speaker manual and put the Bluetooth speaker in pairing mode (If there are multiple Bluetooth speakers nearby, it is recommended to turn off other speakers before you connect to prevent connection errors).
 - ⑤ **Short press the settings button of the music player to enable the blue light flashing fast (meaning it's ready for searching Bluetooth audio devices);** Or go to **【Settings】** of the music player and click **【Bluetooth status】** — **【Search for Bluetooth audio devices】** .
 - ⑥ When the blue light of the music player stays on and the voice prompt "Connected Successfully" are delivered, it means the Bluetooth speaker has been connected to the music player. Then the tracks from the USB flash drive or the TF card can be played via the L-Home App.
- * Remove the paired Bluetooth speaker from the music player: Go to **【Settings】** of the music player and click **【Ignore current connections】** to disconnect the connected Bluetooth device ; Or press and hold the settings button of the music player for 3 seconds until the green light flashes fast, meaning the Bluetooth speaker has been removed successfully from the music player.

Wired Connection (Play Audio from a USB Flash Drive / TF Card)



- 1 First, copy tracks to a USB flash drive or a TF card. (Please refer to P2 of this manual for detailed instructions).
- 2 Insert the USB flash drive or TF card with copied tracks into the music player.
- 3 Follow the L-Home App instructions to add the music player to your home. (Please refer to P5 of this manual for detailed instructions). By clicking **[Sync songs]**, sync the track information from the USB flash drive/TF card to the App.
- 4 **Short press the settings button of the music player to enable the blue light staying on (meaning Bluetooth is turned off).**
- 5 After the settings is completed, the tracks from the USB flash drive or the TF card can be played via the L-Home App.

No Scene Linkage - Only Play Audio from Terminal Devices



- 1 **Short press the settings button of the music player to enable the blue light flashing slowly (meaning it's ready for connecting a terminal device).** Turn on Bluetooth on your phone or PC to search Bluetooth devices. When the device "CG-AUDIO" is found, connect it.
- 2 When the blue light of the music player stays on, it means the music player has been connected to your phone/PC. Then you're able to play the tracks on the phone/PC.

L-Home App Operating Instructions

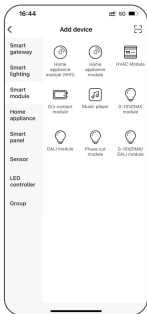
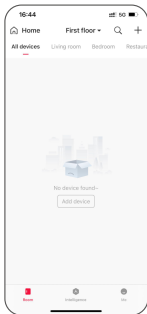
1. Register an account

- 1.1 Scan the QR code below with your mobile phone and follow the prompts to complete the App installation.
Open the App and log in or register an account.



2. Connect the music player to the network

- 2.1 Create a home if you are a new user. Click **[+]** icon in the upper right corner of **[Room]** interface to access the device list, then pick **[Music player]** .
- 2.2 Click **[Search via Bluetooth]** to search the music player automatically. When the music player is found, click **[+]** icon to add it. You can change the device information and click **[Save]** , then the music player is connected to the network successfully.



3. Control interface settings

3.1 In **[Room]** interface, click the music player you add to access its control interface. By clicking **[Sync songs]**, you're able to sync the tracks from the USB flash drive/TF card to the L-Home App (supporting the maximum amount of 128 tracks).

3.2 Click **[Playlist]** to create a playlist. Then select songs and add them to the playlist.

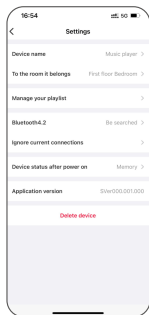
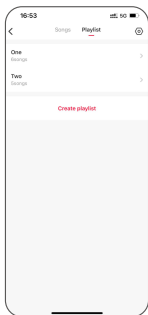
3.3 By clicking **[⊗]** icon in the upper corner of the control interface, you can change the device information of the music player, manage your playlists, change the Bluetooth status or ignore current connections.

There are three options in "Bluetooth Status":

Option 1: Search for Bluetooth audio devices. Automatically search for nearby audio devices such as Bluetooth speakers.

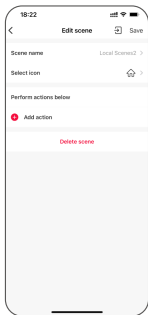
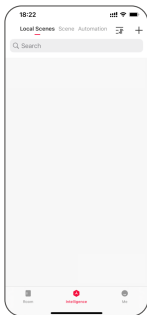
Option 2: Connect to terminal devices via Bluetooth. Terminal devices such as your mobile phone can be connected.

Option 3: Turn off Bluetooth. Music player outputs wired audio only.



4. Create a local scene

Switch to **Intelligence** interface, and click **+** icon in the top right to create a local scene. Then click **Add action** to set the execution action and save it. Go back to the **Intelligence** interface and click the scene you set to execute it successfully and achieve remote control.



5. Cloud scene and automation

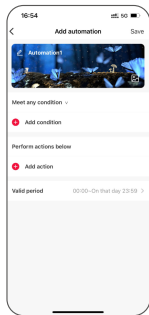
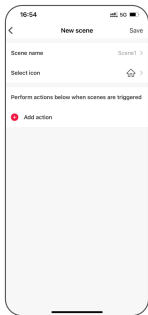
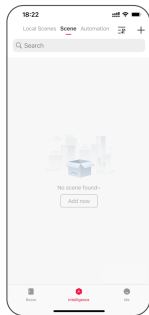
5.1 Please be sure a smart gateway is added to your home, such as: Super Panel 6S.

5.2 Cloud scene

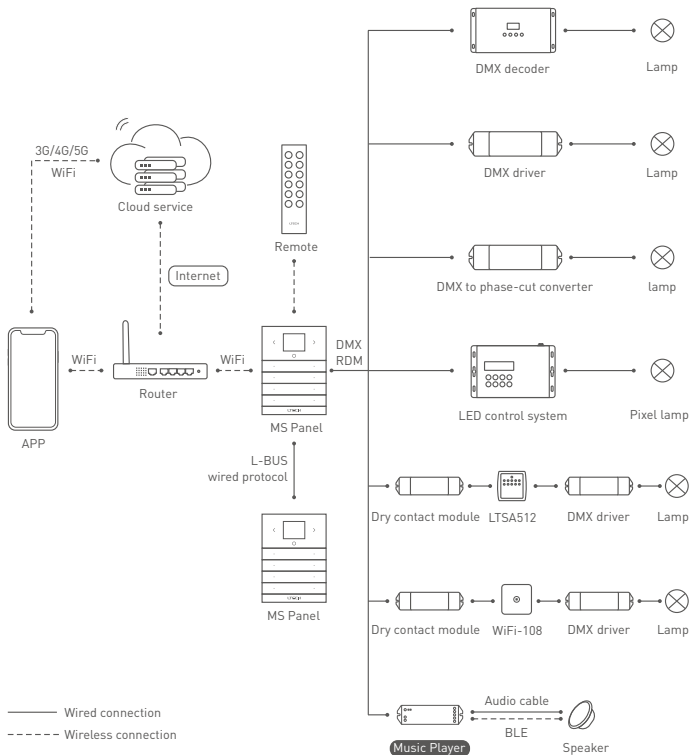
Switch to **Intelligence** interface and click **+** icon in the top right to create a scene. Then click **Add action** to set the execution action and save it. Go back to the **Intelligence** interface and click the scene you set to execute it successfully and achieve remote control.

5.3 Automation

Switch to **Automation** interface and click **+** icon in the top right to create automation. Then click **Add condition** to set the trigger conditions for controlling the music player remotely, and click **Add action** to set the execution action. Other devices can also be added to link the music player together. When your automation settings are saved and the trigger conditions are met, the music player will automatically execute the actions you set.

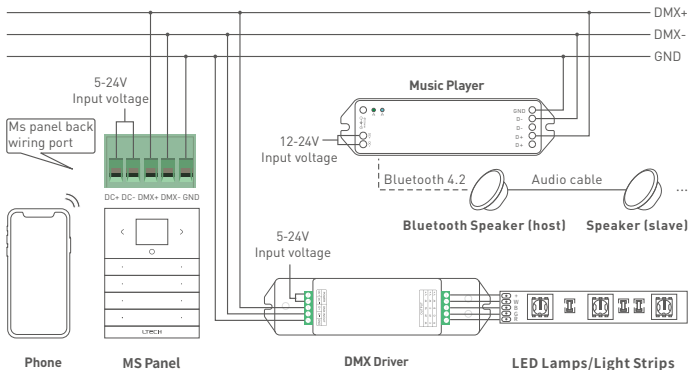


MS Panel System Diagram



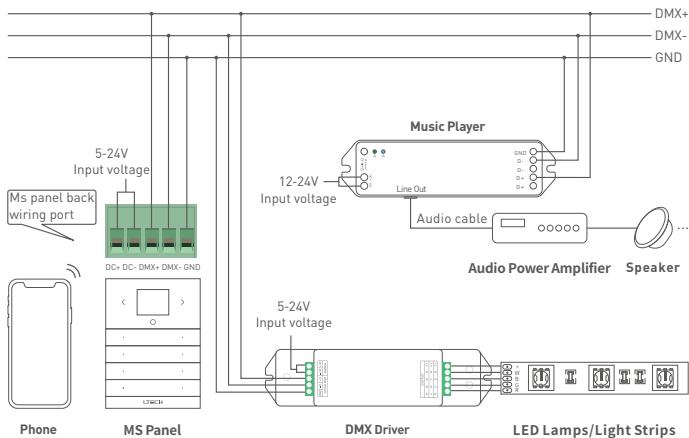
Application Scenes of MS Panel

Bluetooth Connection (Play Audio from a USB Flash Drive / TF Card)



- 1 First, copy tracks to a USB flash drive or a TF card. (Please refer to P2 of this manual for detailed instructions).
- 2 Insert the USB flash drive or TF card with copied tracks into the music player.
- 3 Follow the MS Panel App instructions to add the music player to your home. (Please refer to P12 of this manual for detailed instructions).
- 4 Refer to the Bluetooth speaker manual and put the Bluetooth speaker in pairing mode (If there are multiple Bluetooth speakers nearby, it is recommended to turn off other speakers before you connect to prevent connection errors).
- 5 **Short press the settings button of the music player to enable the blue light flashing fast (meaning it's ready for searching Bluetooth audio devices).**
- 6 When the blue light of the music player stays on and the voice prompt "Connected Successfully" are delivered, it means the Bluetooth speaker has been connected to the music player. Then the tracks from the USB flash drive or the TF card can be played via the MS Panel App.

Wired Connection (Play Audio from a USB Flash Drive / TF Card)



- 1 First, copy tracks to a USB flash drive or a TF card. (Please refer to P2 of this manual for detailed instructions).
- 2 Insert the USB flash drive or TF card with copied tracks into the music player.
- 3 Follow the MS Panel App instructions to add the music player to your home. (Please refer to P12 of this manual for detailed instructions).
- 4 **Short press the settings button of the music player to enable the blue light staying on (meaning Bluetooth is turned off).**
- 5 After the settings is completed, the tracks from the USB flash drive or the TF card can be played via the MS Panel App.

MS Panel APP Operating Instructions

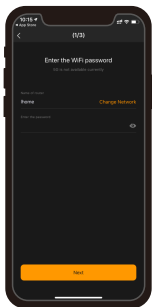
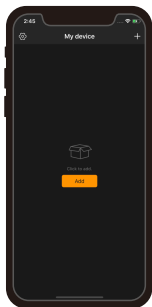
1. Log in or register your MS Panel account

Scan the QR code below with you mobile phone and follow the prompts to complete the app installation, then you can log in or register your MS Panel account.



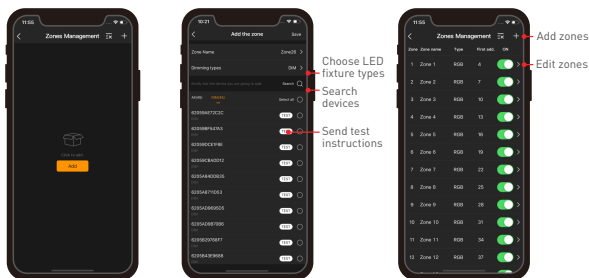
2. Add MS Panel

Open the App and click **【+】** icon in the upper right corner of **【My device】** interface. After your phone connects to the network the device runs, follow the prompts to enter your password and click **【Next step】** . Press the settings button at the bottom of panel to enter the settings interface, and select **【Connect WiFi】** . Then click **【Next step】** and wait for the prompts of completing the connection to the Internet.



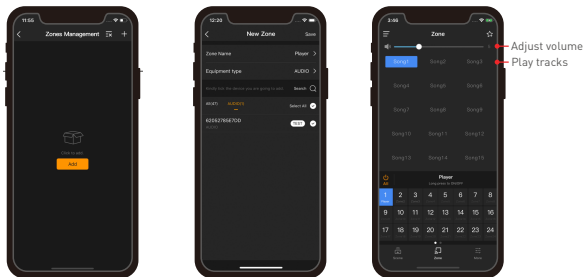
3. Add zones

After adding MS Panel, access the control interface and click **[Add]** to add zones. The panel is now searching for devices. After completing the search, choose LED fixture types and devices you want to add and click **[Save]** .



4. Add a music player

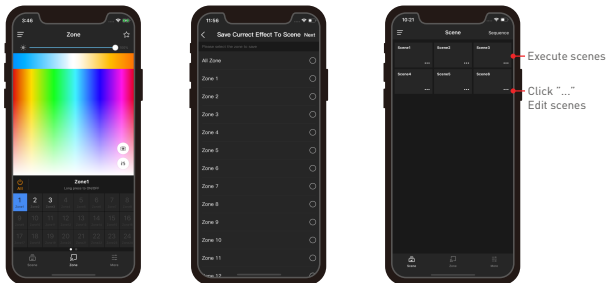
After adding MS Panel, access the interface of **[Zone Management]** and click **[Add]** . The panel is now searching MS Panel for devices. After completing the search, choose a LED fixture type and a music player you want to add and click **[Save]** . After adding, choose the tracks you want to play in **[Zone]** interface then you can play these tracks and adjust the volume.



5. Applications of scenes

Save scenes: After adjusting to the lighting status for the zone you want, click the icon in the upper right corner of the [Zone] interface. Follow the prompts to choose zones/ music player.

Execute scenes: Switch to the [Scene] interface and click to execute the scene.



Reset the Device (Reset It to Factory Defaults)

Method 1: Long press [Settings] button of the music player for 6s until the communication indicator light flashes.

Method 2: When the music player is powered on, turn off the music player with the switch and after 5s turn it on. After 2s, turn it off again. Repeat the same operation 6 times. When the indicator light flashes 5 times, reset the device to factory defaults successfully.

FAQs

1. Why won't my speaker play music?

- ① Check whether the USB flash drive or TF card has been inserted;
- ② Check whether the tracks have been successfully synchronized to the App;
- ③ Check whether you have selected the right option for [Bluetooth status] in the App.

2. Can I both connect a wired speaker and a Bluetooth speaker at the same time?

Not recommended. It may occur a deviation when both speakers are playing tracks, which affects listeners' experience

Attentions

- This product must be installed and adjusted by a qualified professional.
- This product is non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- Good heat dissipation will extend the life the product. Please install the product in a environment with good ventilation.
- When you install this product, please avoid being near a large area of metal objects or stacking them to prevent signal interference.
- Check whether the working voltage used complies with the parameter requirements of the product.
- Before you power on the product, please make sure all the wiring is correct in case of incorrect connection that may cause a short circuit and damage the components, or trigger a accident.
- If a fault occurs, please do not attempt to fix the product by yourself. If you have any question, please contact the supplier.

Warranty Agreement

- Warranty periods from the date of delivery: 2 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

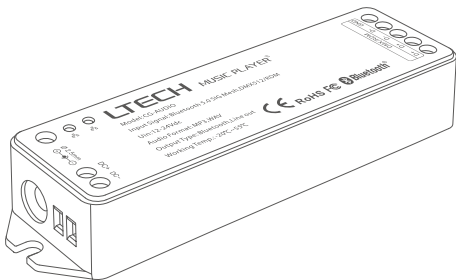
Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

LTECH

CG-AUDIO 音乐播放器



产品介绍

本产品是一款基于先进的蓝牙5.0SIGMesh通讯协议的音乐播放器，组网能力强，可靠稳定。内置USB和TF卡插口，且可连接终端设备(如：手机、电脑等)音频输出等多种音源播放，支持有源音箱有线连接或蓝牙耳机、音箱的无线连接等多种输出方式；支持本地场景，去网关，断网可控，更快更稳定；搭配智能网关可实现丰富的云场景和自动化控制；与其他智能设备联动，可实现背景音乐、灯光效果完美互动。通过DMX信号与MS Panel系统配合使用，亦可实现背景音乐、灯光效果完美互动。

Bluetooth® FC CE RoHS

包装内容



音乐播放器 x 1



TF卡 x 1



说明书 x 1

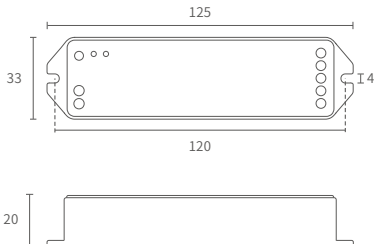
* 部分工具需自备：DC电源适配器、音频线、U盘。

技术参数

输入信号:	Bluetooth 5.0 SIG Mesh	音频格式:	MP3、WAV
输入电压:	12-24Vdc	工作温度:	-20°C~55°C
曲目数量:	128首	产品尺寸:	125x33x20mm (LxWxH)
U盘/TF卡:	最大支持128G	包装尺寸:	127x35x27mm (LxWxH)
输出方式:	蓝牙4.2、Line out	产品毛重:	70g

尺寸图

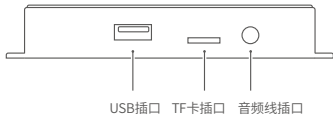
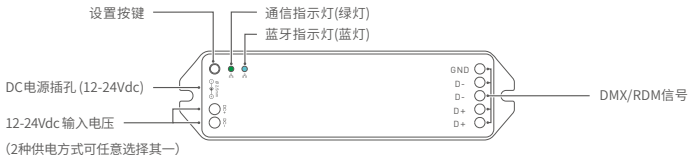
单位: mm



端子描述

蓝牙指示灯状态 (通过短按设置按键循环切换):

- ① 蓝牙指示灯蓝灯快闪: 处于搜索蓝牙音频设备状态—可连接蓝牙音箱播放U盘/TF卡音乐。
- ② 蓝牙指示灯蓝灯慢闪: 处于接收终端设备状态—可连接手机、电脑等播放终端设备的音乐。
- ③ 蓝牙指示灯蓝灯常亮: 处于关闭蓝牙状态, 仅输出有线音频状态—可连接有音箱播放U盘/TF卡音乐。



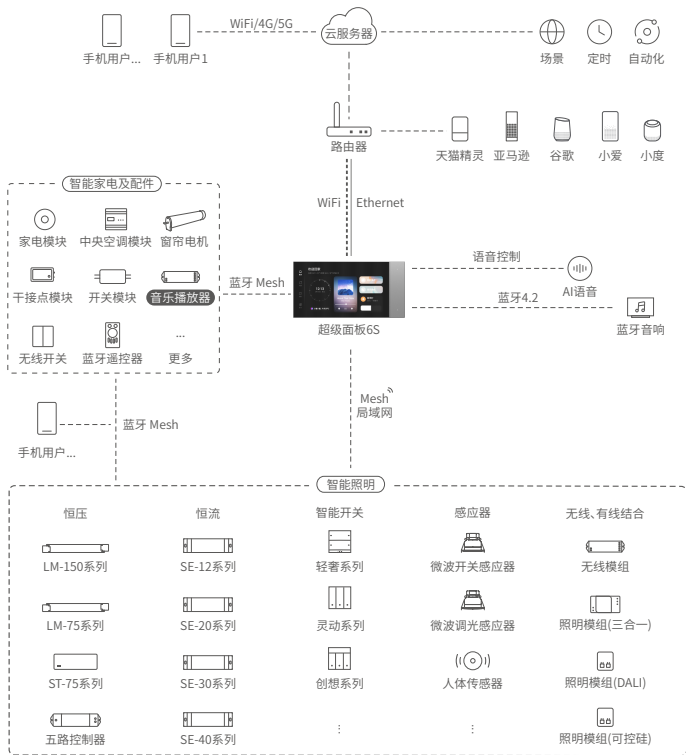
(U盘与TF卡不能同时使用)

修改U盘/TF卡曲目顺序

曲目顺序由拷贝到U盘/TF卡的先后时间决定, 拷贝时请注意先后顺序 (建议拷贝前在电脑上对每首曲目进行重命名加上序号, 预防拷贝时错乱)。

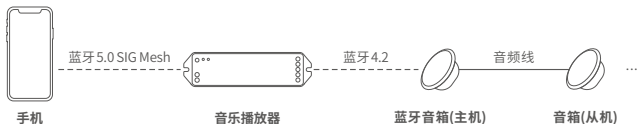
需将某曲目排序在第一位, 则需清空U盘或TF卡曲目后, 优先拷贝该曲目, 该曲目即可排列在第一位, 以此类推。

蓝牙系统图



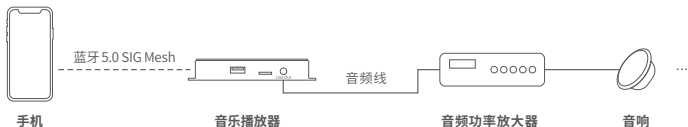
蓝牙系统应用场景

蓝牙连接 (播放U盘/TF卡音源)



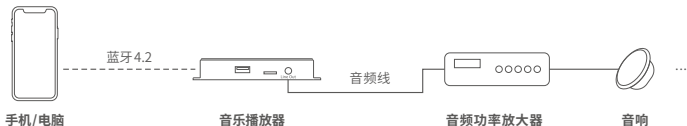
- ① 将曲目拷贝到U盘或TF卡中，曲目顺序由拷贝先后时间决定，拷贝时请注意 (详情请参考说明书P2)。
 - ② 将已拷贝好曲目的U盘或TF卡插入音乐播放器。
 - ③ 按照L-Home APP提示，将播放器添加到手机APP (详情请参考说明书P5)，点击【同步】可将U盘/TF卡中的曲目信息载入到APP中。
 - ④ 按照蓝牙音箱说明书，使蓝牙音箱进入配对状态 (如连接蓝牙音箱时，附近有多个蓝牙音箱，建议把其它音箱关闭后再进行连接，避免连接错误)。
 - ⑤ 短按播放器设置按键，使播放器处于**蓝灯快闪 (搜索蓝牙音频设备状态)**；或在APP音乐播放器【设置】界面中点击【蓝牙状态】—【搜索蓝牙音频设备】即可自动搜索。
 - ⑥ 当播放器蓝灯常亮，蓝牙音箱提示“连接成功”时，表示播放器与蓝牙音箱已连接，即可通过APP播放U盘或TF卡的曲目。
- * 清除蓝牙音箱配对：在APP音乐播放器【设置】界面中点击【忽略当前连接】即可断开已连接的蓝牙设备；或长按3秒播放器设置按键，绿灯闪烁，即表示已清除蓝牙音箱。

有线连接 (播放U盘/TF卡音源)



- ① 将曲目拷贝到U盘或TF卡中，曲目顺序由拷贝先后时间决定，拷贝时请注意 (详情请参考说明书P2)。
- ② 将已拷贝好曲目的U盘或TF卡插入音乐播放器。
- ③ 按照L-Home APP提示，将播放器添加到手机APP (详情请参考说明书P5)，点击【同步】可将U盘/TF卡中的曲目信息载入到APP中。
- ④ 短按音乐播放器设置按键，使播放器处于**蓝灯常亮(关闭蓝牙状态)**。
- ⑤ 设置完成后即可通过APP播放U盘或TF卡的曲目。

无场景联动—仅播放终端设备音源



- ① 短按音乐播放器设置按键，使播放器处于**蓝灯慢闪(接收终端设备状态)**；打开手机/电脑等终端设备蓝牙进行搜索，当搜索到“CG-AUDIO”时，点击连接即可。
- ② 当播放器蓝灯常亮时，表示播放器与终端设备连接成功，即可播放手机/电脑等终端设备上的曲目。

L-Home APP操作说明

1. 注册并登录L-Home账号

1.1 通过手机扫描下方二维码，按提示完成APP安装后即可进行注册/登录操作。



2. 音乐播放器配网

2.1 新用户 在APP上创建家庭后，在【房间】界面中点击右上角【+】进行添加。在添加设备列表中选择【音乐播放器】。

2.2 将音乐播放器上电后，点击【蓝牙搜索】按钮自动搜索，当搜索到音乐播放器时点击【+】添加，修改设备信息后点击【保存】即配网成功。



3. 控制界面设置

3.1 在APP【房间】界面中点击已添加的音乐播放器进入控制界面。点击【同步】即可自动同步U盘或TF卡中的曲目(最多支持128首曲目)。

3.2 点击【歌单】创建歌单，创建歌单后即可勾选曲目加入歌单(最多可创建8个歌单)。

3.3 点击控制界面右上角【⊗】图标，可修改音乐播放器信息，亦可管理歌单、蓝牙状态、忽略连接等。

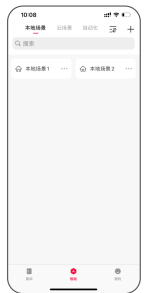
蓝牙状态包括以下3种状态：

- ① 搜索蓝牙音频设备：自动搜索附近的蓝牙音箱等音频设备。
- ② 蓝牙接收终端设备：自动接收手机等终端设备。
- ③ 关闭蓝牙：仅输出有线音频。



4. 创建本地场景

切换到【智能】界面，点击右上角【+】创建本地场景。点击【添加动作】设置执行动作。保存成功后点击【智能】界面中设置的场景，即可执行成功，实现远程控制。



5. 云场景和自动化

5.1 确保家庭内已添加智能网关，如：超级面板6S。

5.2 云场景

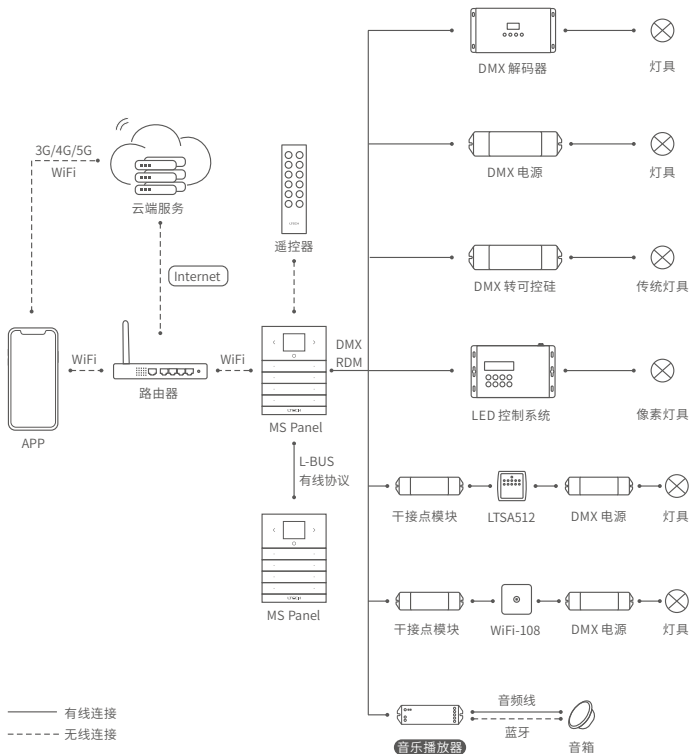
切换到【智能】界面，点击右上角【+】创建场景。点击【添加动作】设置执行动作。保存成功后点击【智能】界面中设置的场景，即可执行成功，实现远程控制。

5.3 自动化

切换到【自动化】界面，点击右上角【+】创建自动化。点击【添加条件】设置远程控制音乐播放器的触发条件，点击【添加动作】设置动作，亦可添加其他设备进行联动。自动化保存成功后当满足触发条件时音乐播放器将会自动执行所设置的动作。

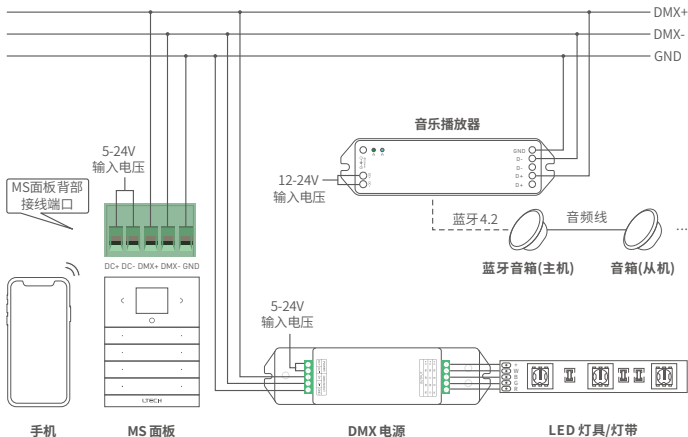


MS面板系统图



MS面板应用场景

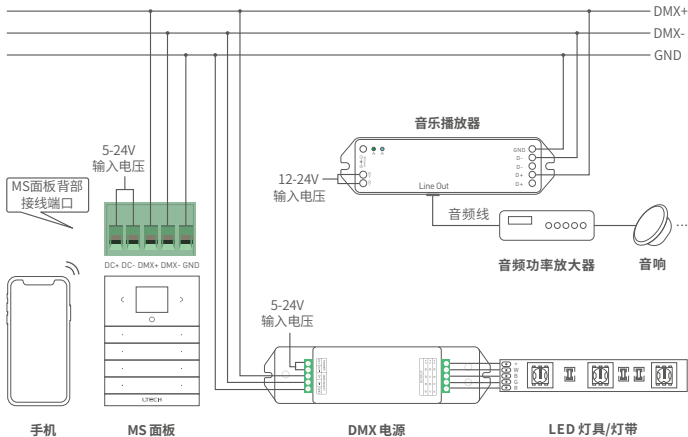
蓝牙连接 (播放U盘/TF卡音源)



- ① 将曲目拷贝到U盘或TF卡中，曲目顺序由拷贝先后时间决定，拷贝时请注意 (详情请参考说明书P2)。
- ② 将已拷贝好曲目的U盘或TF卡插入音乐播放器。
- ③ 按照MS Panel APP提示，将播放器添加到手机APP (详情请参考说明书P11)。
- ④ 按照蓝牙音箱说明书，使蓝牙音箱进入配对状态 (如连接蓝牙音箱时，附近有多个蓝牙音箱，建议把其它音箱关闭后再进行连接，避免连接错误)。
- ⑤ 短按播放器设置按键，使播放器处于**蓝灯快闪 (搜索蓝牙音频设备状态)**。
- ⑥ 当播放器蓝灯常亮，蓝牙音箱提示“连接成功”时，表示播放器与蓝牙音箱已连接，即可通过APP播放U盘或TF卡的曲目。

* 清除蓝牙音箱配对：长按3秒播放器设置按键，绿灯闪烁，即表示已清除蓝牙音箱。

有线连接 (播放U盘/TF卡音源)



- ① 将曲目拷贝到U盘或TF卡中，曲目顺序由拷贝先后时间决定，拷贝时请注意 (详情请参考说明书P2)。
- ② 将已拷贝好曲目的U盘或TF卡插入音乐播放器。
- ③ 按照MS Panel APP提示，将播放器添加到手机APP (详情请参考说明书P11)。
- ④ 短按音乐播放器设置按键，使播放器处于蓝灯常亮 (关闭蓝牙状态)。
- ⑤ 设置完成后即可通过APP播放U盘或TF卡的曲目。

MS Panel APP操作说明

1. 注册并登录MS Panel账号

通过手机扫描下方二维码，按提示完成APP安装后即可进行注册/登录操作。



2. 添加MS Panel

打开APP，在【我的设备】界面，点击右上角【+】按钮，将手机连接到设备工作时的路由器后按照提示输入WiFi密码，然后点击【下一步】，短按面板底部设置键，进入设置界面选择【连接WiFi】后，点击【下一步】，等待配网完成提示。



3. 添加区域

添加完成MS Panel后，进入控制界面，点击【添加区域】，此时面板正在搜索设备中。搜索完成后，选择设备类型，勾选要添加的设备保存即可。



4. 添加音乐播放器

进入【区域管理】界面，点击【添加区域】，此时面板正在搜索设备中。搜索完成后选择设备类型，勾选要添加的音乐播放器保存即可。添加完成后，即可在【区域】界面，选中该区域，即可播放曲目、调节音量等。



5. 场景应用

保存场景: 将区域灯光状态调整至目标效果后, 点击区域界面右上角按钮, 按照提示勾选要保存的区域/音乐播放器保存即可。

执行场景: 切换到【场景】菜单, 点击即可执行该场景。



重置设备(恢复出厂设置)

方法一: 长按音乐播放器【设置】按键6秒, 通信指示灯绿灯闪烁即已恢复到出厂设置状态。

方法二: 在播放器已通电情况下, 使用开关让播放器连续断电6次(每次断电时间5秒, 通电2秒), 第6次通电2秒后指示灯闪烁5次, 即表示已恢复到出厂设置状态。

常见问题

1. 为什么音箱无法播放音乐?

- ① 检查是否已经插入U盘或TF卡;
- ② 检查手机APP歌曲是否同步成功;
- ③ 播放器是否选择对应连接状态。

2. 可以同时连接有线音箱和蓝牙音箱吗？

不建议。同时连接有线音箱和蓝牙音箱可能会导致同时播放曲目时出现偏差，影响体验效果。

注意事项

- 本产品请由具有专业资格的人员进行调试安装；
 - 本产品(专有型号除外)不能防水，需避免日晒雨淋。如安装在户外，请使用防水箱；
 - 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境；
 - 安装时，避免靠近大面积金属物体，或堆叠摆放，以免信号干扰影响使用；
 - 请检查使用的工作电压是否符合产品的参数要求；
 - 通电调试前，确保所有接线正确且牢固，以免短路损坏部件，触发事故；
 - 如果发生故障，请勿私自维修；如有疑问，请联系供应商。
- * 本说明书的内容如有变更，恕不另行通知。若内容与您使用的功能有所不同，则实物为准。
如有疑问，欢迎向我司授权的经销商咨询。

保修协议

- 自出厂之日起保修服务期为2年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

非保修条例:

属下列情况不在免费保修或更换服务范围之内:

- 已经超出保修服务期;
- 过高电压、超负载、操作不当等人为造成的损坏;
- 产品外形严重损坏或变形;
- 自然灾害以及人力不可抗拒原因造成的损坏;
- 产品保修标签和产品唯一条形码损坏;
- 无雷特签订的合同或发票凭证。

1. 修理或更换是雷特对客户是唯一补救措施。雷特不承担任何附带引起的损害赔偿责任，除非在适用法律范围之内。
2. 雷特享有修正或调整本保修条款的权利，并以书面形式发布为准。