

ZK-MT21S 国芯版 2.1 声道蓝牙音频功放模块 50W*2+100W

Wuzhi Audio APP 下载二维码

Wuzhi Audio APP download



低中高音全覆盖
支持低音**中音**高音调节

2.1声道蓝牙音频功放板
— • 50Wx2立体声+100W低音炮

国芯版ZK-MT21S
中国芯片 高性价比
纯净透亮 高清音质

蓝牙 | AUX | U盘 | USB声卡

中音更加清澈透亮

高端编码器

上下曲切换 | 模式选择

赠送：
WUZHI AUDIO APP
APP自带情景音乐



外壳需要自己组装

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1. 产品按键及主要功能

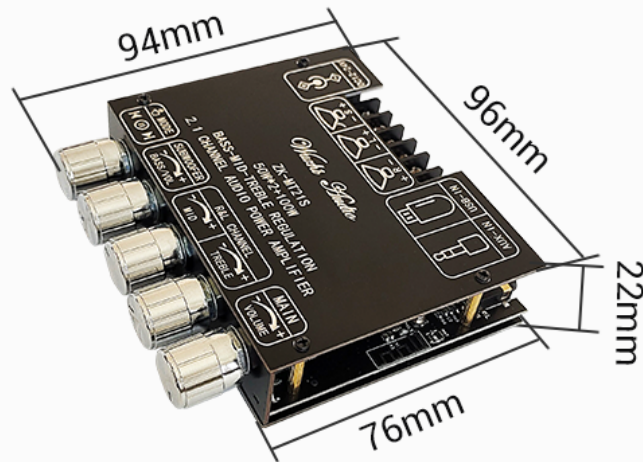
产品按键及主要功能



*内置低音炮频率调节电位器

2. 产品参数

产品参数



【产品名称】 2.1声道蓝牙音频功放板模块

【产品型号】 ZK-MT21S

【声道数】 2.1声道 (左声道+右声道+低音炮)

【输入方式】 AUX + 蓝牙+U盘+USB声卡

【蓝牙版本】 5.1

【开关方式】 机械开关(无需长按等待)

【适配电源】 DC 12~24V, ≥8A

【适配喇叭】 左右声道 20-50W, 4-8Ω 低音炮 20-100W, 4-8Ω

【输出功率】 左右声道≤50W 低音炮≤100W

【保护机制】 输入防反接、过热、过流、短路保护

【产品尺寸】 93*96*22mm

【产品重量】 净重136g 含包装187g

提示：在音频信号输入足够大，电源电压/电流足够大的情况下，才会有足够的输出功率！

电源电压越高输出功率越大，喇叭阻抗越小输出功率越大！

请确保适配电源功率大于功放实际工作功率！

3. 产品细节

智能消躁 自由切歌



内置低音炮
频率调节，
避免频率随
意变动

AUX接口

U盘接口

AUX智能消躁处理，降低了音频线上干扰导致的底噪问题。

增加U盘接口，旋转编码器自由切歌，APP支持U盘选歌和歌曲播放显示

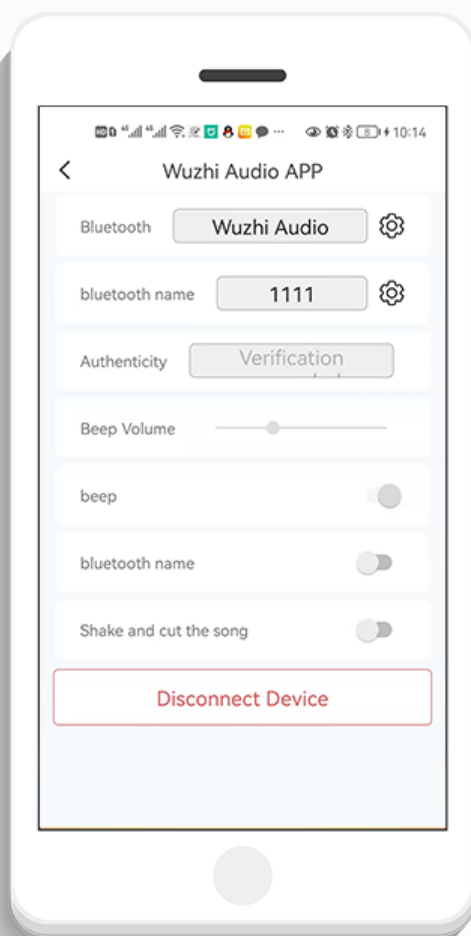


Wuzhi Audio

强大的APP功能，支持修改蓝牙名称、设置蓝牙密码、提示音音量调节/开关提示音、助眠曲+定时关机、音效调节、U盘选曲、播放列表

4. APP 设置界面

APP设置界面



蓝牙名称修改步骤

【输入新蓝牙名称】→【点设置按钮】→系统自动重启→【手机蓝牙取消与原蓝牙名称配对】→【找到新蓝牙名称重新配对】

蓝牙密码设置步骤

方法一:

【打开蓝牙密码开关】→使用默认密码 1111

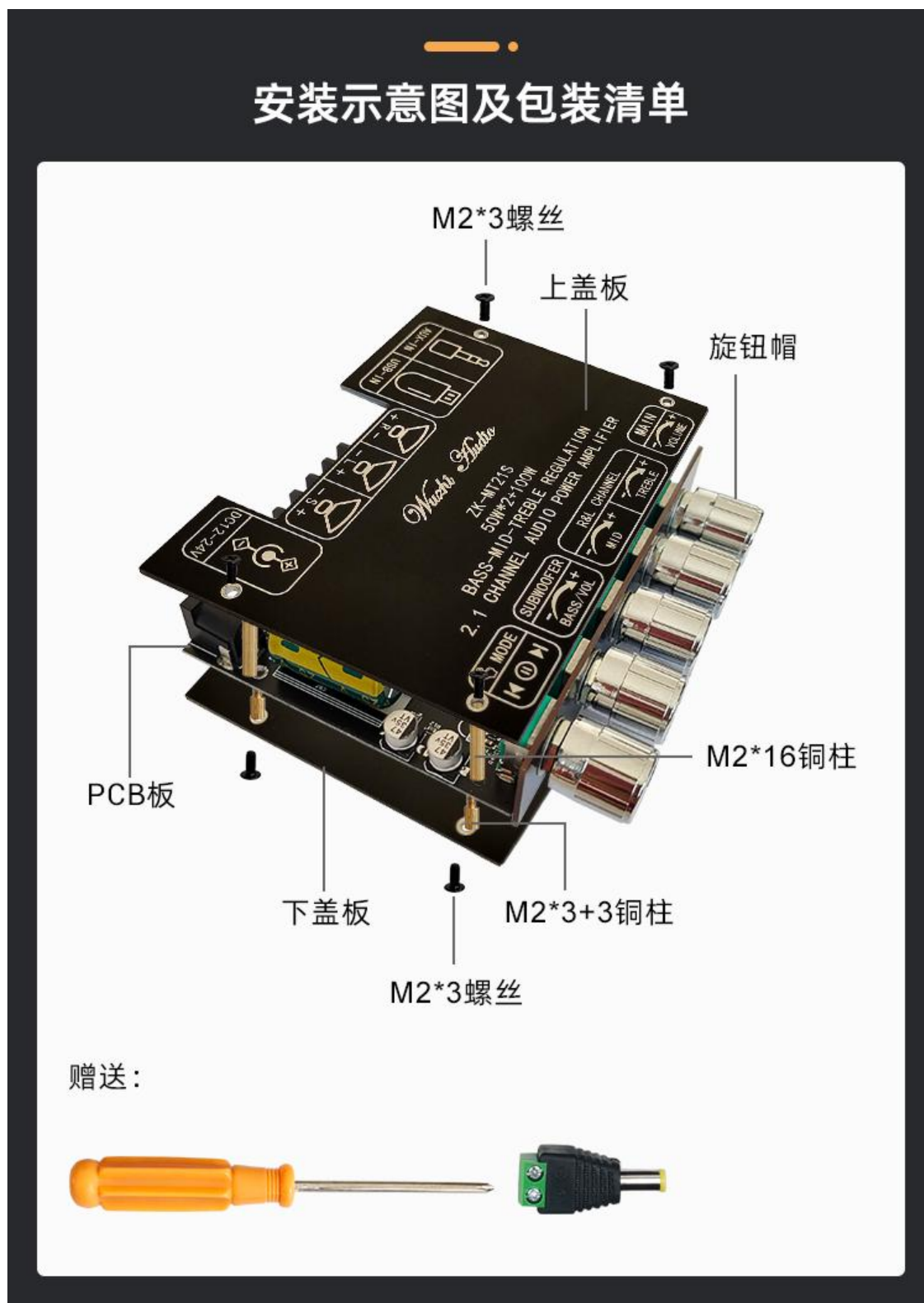
方法二:

【打开蓝牙密码开关】→【输入密码】→【点设置按钮】→系统自动重启→【取消配对，再次连接会提示输入密码】

5. 外接天线安装示例



6. 安装示意图及包装清单



ZK-MT21S Chinese chip version 2.1 channel BT audio power amplifier module 50W*2+100W

Full coverage of low, medium and high tones

Support bass, **midrange** and treble adjustment

Chinese chip version ZK-MT21S

Chinese chip
High cost performance
Pure and transparent
HD sound quality

2.1 channel BT audio power amplifier board

• 50Wx2 stereo + 100W subwoofer

BT | AUX | U disk | sound card

Clear midrange

High end encoder

Previous song next song switching | mode selection

FREE:
WUZHAI AUDIO APP
APP with situational music



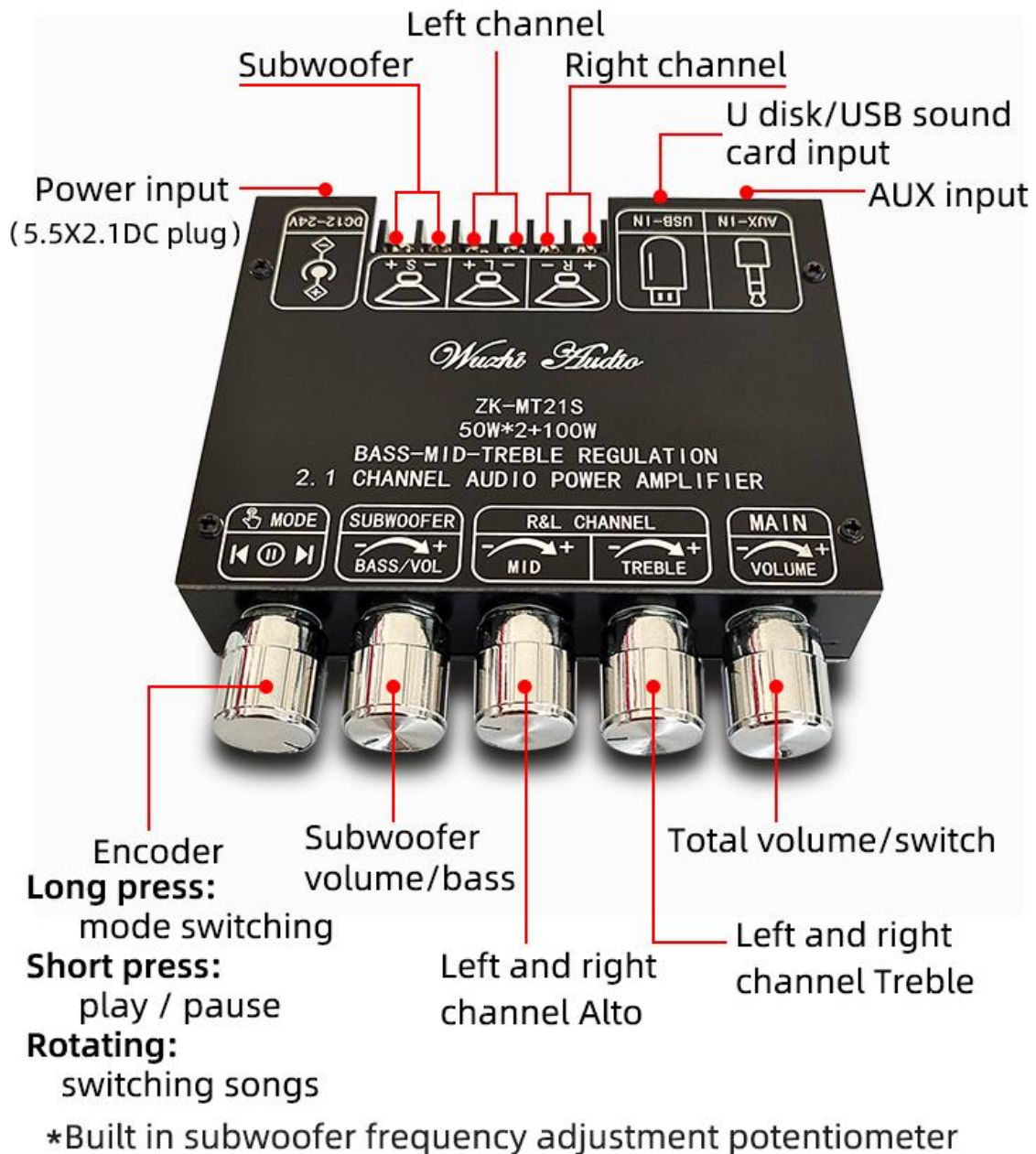
The shell needs to be assembled by yourself

Catalogue

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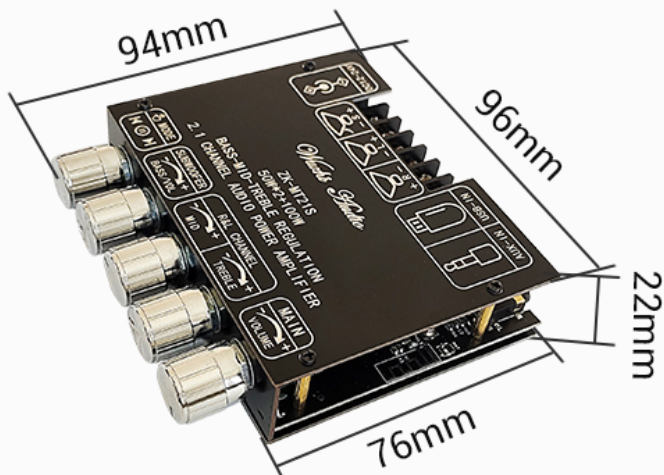
1. Product keys and main functions

Product function



2. Product parameters

Product parameters

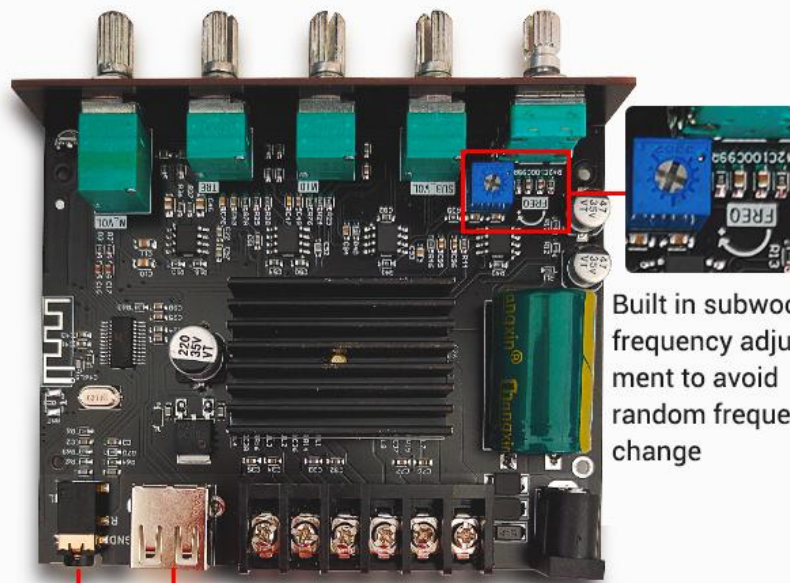


【Name】	2.1 channel BT power amplifier
【Model】	ZK-MT21S
【Channel】	2.1 channel(left channel + right channel + subwoofer)
【Audio input】	BT+AUX+U disk+USB sound card
【BT Version】	5.1
【Switching mode】	Mechanical switch (without long press and wait)
【Adaptive power supply】	DC 12~24 V ,≥8A
【Adaptive speaker】	L&R channels 20-50W, 4-8Ω subwoofer 20-100W, 4-8Ω
【Output power】	R&L channel≤50W subwoofer≤100W
【Protection Mechanism】	Input anti reverse connection, overheating, overcurrent and short circuit protection
【Size】	93*96*22mm
【Weight】	Net weight 136g with package 187g

Tip: when the audio signal input is large enough and the power supply voltage / current is large enough, there will be enough output power!
The higher the power supply voltage, the greater the output power, the smaller the horn impedance, and the greater the output power!
Please ensure that the power of the adaptive power supply is greater than the actual working power of the power amplifier!

3. Product details

Intelligent manic free song cutting



Built in subwoofer frequency adjustment to avoid random frequency change

AUX IN

USB IN

AUX intelligent noise elimination processing reduces the bottom noise problem caused by audio line interference.

Add USB flash disk interface, rotate encoder to cut songs freely, and app supports USB flash disk song selection and song playing display

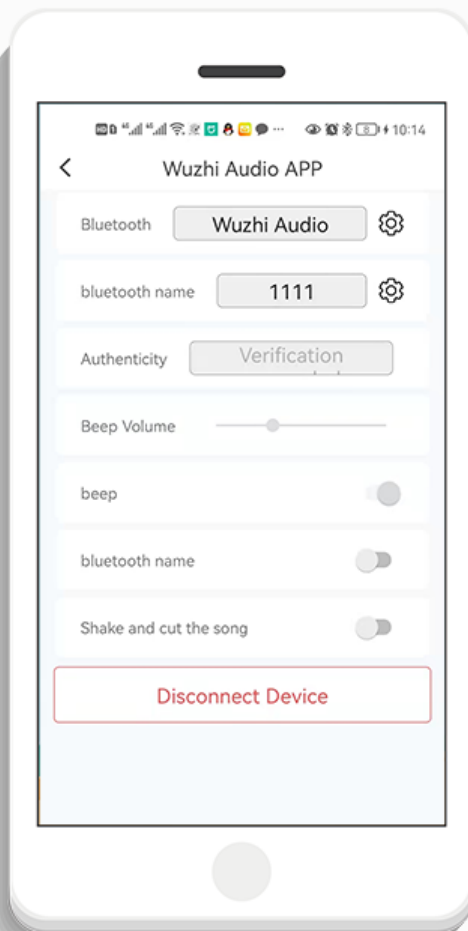


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Powerful app functions, support to modify BT name, set BT password, prompt sound volume adjustment / switch prompt sound, sleep music + timed shutdown, sound effect adjustment, USB flash disk selection and playlist

4. APP setting interface

APP Setting Interface



BT name modification steps

[enter a new BT name] → [click set button] → [system automatic restart] → [cancel pairing of mobile BT with the original BT name] → [find a new BTname and re pair]

BT password setting steps

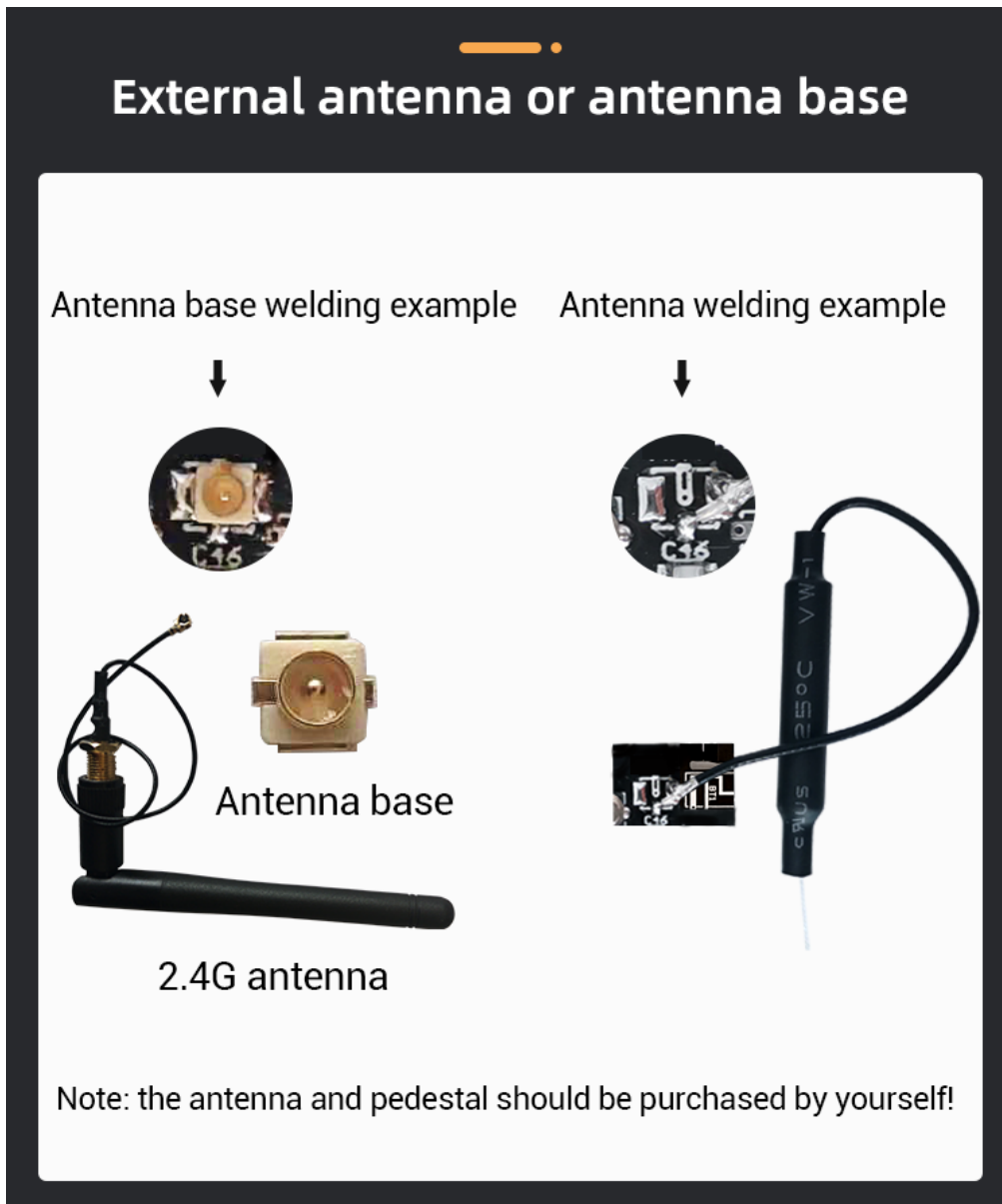
Method 1:

[turn on BT password switch] → Use default password 1111

Method 2:

[turn on BT password switch] → [enter password] → [click the setting button] → [the system will restart automatically] → [cancel pairing, and you will be prompted to enter password when connecting again]

5. Installation example of external antenna



6. Installation diagram and packing list

