

ZK-152、ZK-152T、ZK-302、ZK-302T、ZK-LT21

蓝牙音频数字功放板模块

产品说明书

Wuzhi Audio APP 下载二维码

Wuzhi Audio APP download



ZK-152



ZK-152T



ZK-302



ZK-302T



ZK-LT21



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1. 产品对照表

产品对照表

PRODUCT COMPARISON

型号	152	152T	302	302T	LT21
图片					
特色功能	支持Wuzhi Audio APP				
音频输入	BT+AUX+USB+USB声卡				
声道数	2.0	2.0	2.0	2.0	2.1
功率输出	15W+15W	15W+15W	30W+30W	30W+30W	15W+15W +30W
高低音调	无	有	无	有	无
适配电源	9-24V/≥2A	9-24V/≥2A	9-24V/≥3A	9-24V/≥3A	9-24V/≥3A
适配喇叭	5-30W 4-8Ω	5-30W 4-8Ω	10-50W 4-8Ω	10-50W 4-8Ω	10-50W 4-8Ω
保护机制	过热，过流，短路，防静电保护				
尺寸	71*50*20mm	71*60*22mm	76*50*18mm	76*60*20mm	76*60*22mm
重量 (含包装)	76g	98g	82g	106g	102g

2. 产品功能介绍

ZK-152



ZK-152T

功能介绍

FUNCTION INTRODUCTION



ZK-302

功能介绍

FUNCTION INTRODUCTION



ZK-302T

功能介绍

FUNCTION INTRODUCTION



ZK-LT21

功能介绍

FUNCTION INTRODUCTION

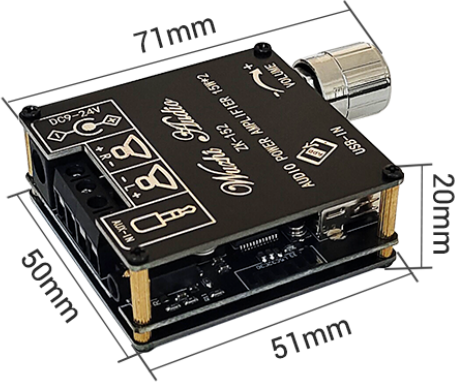


3. 产品参数

ZK-152

产品参数

PRODUCT PARAMETERS

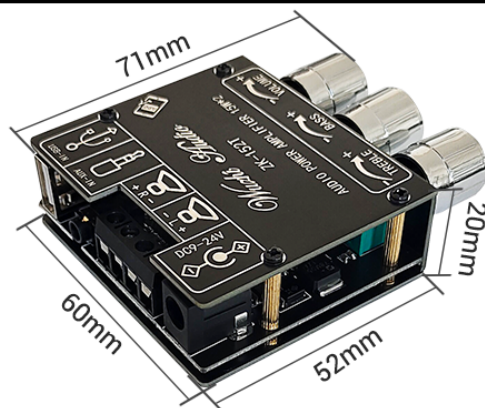


品牌	型号
Wuzhi Audio	ZK-152
名称	适配电源
2.0, 15WX2立体声蓝牙音频功率放大器	9-24V/≥2A (不可接交流电)
蓝牙版本	音频输入
5.1	BT+AUX+USB+USB声卡
音频输出	音量调节
左声道15W+右声道15W	经典机械式旋钮(带音量大小刻度), 无级调节
开关机	适配喇叭
经典机械式开关, 一转开关机, 无需长按等待。	5-30W 4-8Ω
保护机制	产品重量
过热, 过流, 短路, 防静电保护	净重40g, 含包装76g
特色功能	
支持Wuzhi Audio APP。修改改蓝牙名称, 密码设置, 提示音音量调节, 开/关提示音, 助眠曲, 音效选择+自定义音效, U盘播放列表。	
外形尺寸	
71*50*20mm	
注:建议配8Ω喇叭、供电9-24VDC, 不可超压。 如果驱动4Ω喇叭, 供电电源不能超过12V。	

ZK-152T

产品参数

PRODUCT PARAMETERS



品牌	型号
Wuzhi Audio	ZK-152T
名称	适配电源
2.0, 15WX2带高低音调 蓝牙音频功率放大器	9-24V/≥2A (不可接交流电)
蓝牙版本	音频输入
5.1	BT+AUX+USB+USB声卡
音频输出	音量调节
左声道15W+右声道15W	经典机械式旋钮(带音量大小 刻度), 无级调节
开关机	适配喇叭
经典机械式开关, 一转开关机, 无需长按等待。	5-30W 4-8Ω
保护机制	产品重量
过热, 过流, 短路, 防静电保护	净重62g, 含包装98g

特色功能

支持Wuzhi Audio APP。修改改蓝牙名称, 密码设置, 提示音音量
调节, 开/关提示音, 助眠曲, 音效选择+自定义音效, U盘播放列表。

外形尺寸

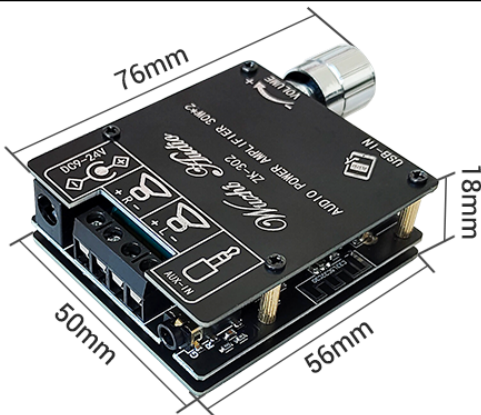
71*60*20mm

注:建议配8Ω喇叭、供电9-24VDC, 不可超压。
如果驱动4Ω喇叭, 供电电源不能超过12V。

ZK-302

产品参数

PRODUCT PARAMETERS



品牌	型号
Wuzhi Audio	ZK-302
名称	适配电源
2.0，30WX2立体声蓝牙音频 功率放大器	9-24V/≥3A (不可接交流电)
蓝牙版本	音频输入
5.1	BT+AUX+USB+USB声卡
音频输出	音量调节
左声道30W+右声道30W	经典机械式旋钮(带音量大小 刻度)，无级调节
开关机	适配喇叭
经典机械式开关，一转开关机， 无需长按等待。	10-50W 8Ω
保护机制	产品重量
过热，过流，短路，防静电保护	净重45g，含包装82g

特色功能

支持Wuzhi Audio APP。修改改蓝牙名称，密码设置，提示音音量调节，开/关提示音，助眠曲，音效选择+自定义音效，U盘播放列表。

外形尺寸

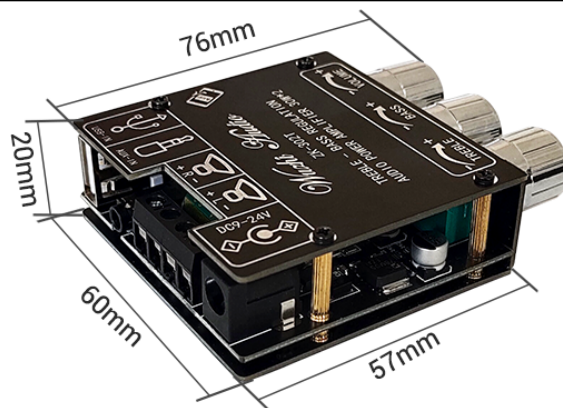
76*50*18mm

注:建议配8Ω喇叭、供电9-24VDC，不可超压。
如果驱动4Ω喇叭，供电电源不能超过12V。

ZK-302T

产品参数

PRODUCT PARAMETERS



品牌	型号
Wuzhi Audio	ZK-302T
名称	适配电源
2.0, 30WX2带高低音调节 蓝牙音频功率放大器	9-24V/≥3A (不可接交流电)
蓝牙版本	音频输入
5.1	BT+AUX+USB+USB声卡
功率输出	音量调节
左声道30W+右声道30W	经典机械式旋钮(带音量大小 刻度), 无级调节
开关机	适配喇叭
经典机械式开关, 一转开关机, 无需长按等待。	10-50W 4-8Ω
保护机制	产品重量
过热, 过流, 短路, 防静电保护	净重71g, 含包装106g

特色功能

支持Wuzhi Audio APP。修改改蓝牙名称, 密码设置, 提示音音量调节, 开/关提示音, 助眠曲, 音效选择+自定义音效, U盘播放列表。

外形尺寸

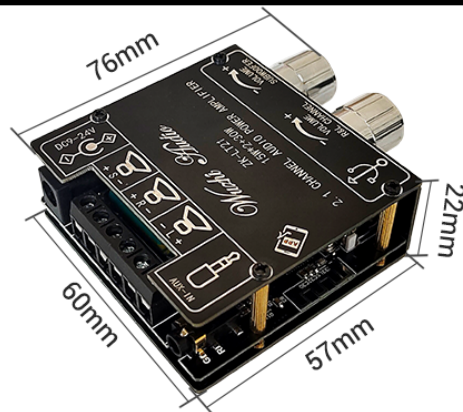
76*60*20mm

注:建议配8Ω喇叭、供电9-24VDC, 不可超压。
如果驱动4Ω喇叭, 供电电源不能超过12V。

ZK-LT21

产品参数

PRODUCT PARAMETERS



品牌	型号
Wuzhi Audio	ZK-LT21
名称	适配电源
2.1, 15Wx2+30W带低音炮 蓝牙音频功率放大器	9-24V/≥3A (不可接交流电)
蓝牙版本	音频输入
5.1	BT+AUX+USB+USB声卡
音频输出	音量调节
左声道15W+右声道15W+ 低音炮30W	经典机械式旋钮(带音量大小 刻度), 无级调节
开关机	适配喇叭
经典机械式开关, 一转开关机, 无需长按等待。	10-50W 4-8Ω
保护机制	产品重量
过热, 过流, 短路, 防静电保护	净重66g, 含包装102g

特色功能

支持Wuzhi Audio APP。修改改蓝牙名称, 密码设置, 提示音音量调节, 开/关提示音, 助眠曲, 音效选择+自定义音效, U盘播放列表。

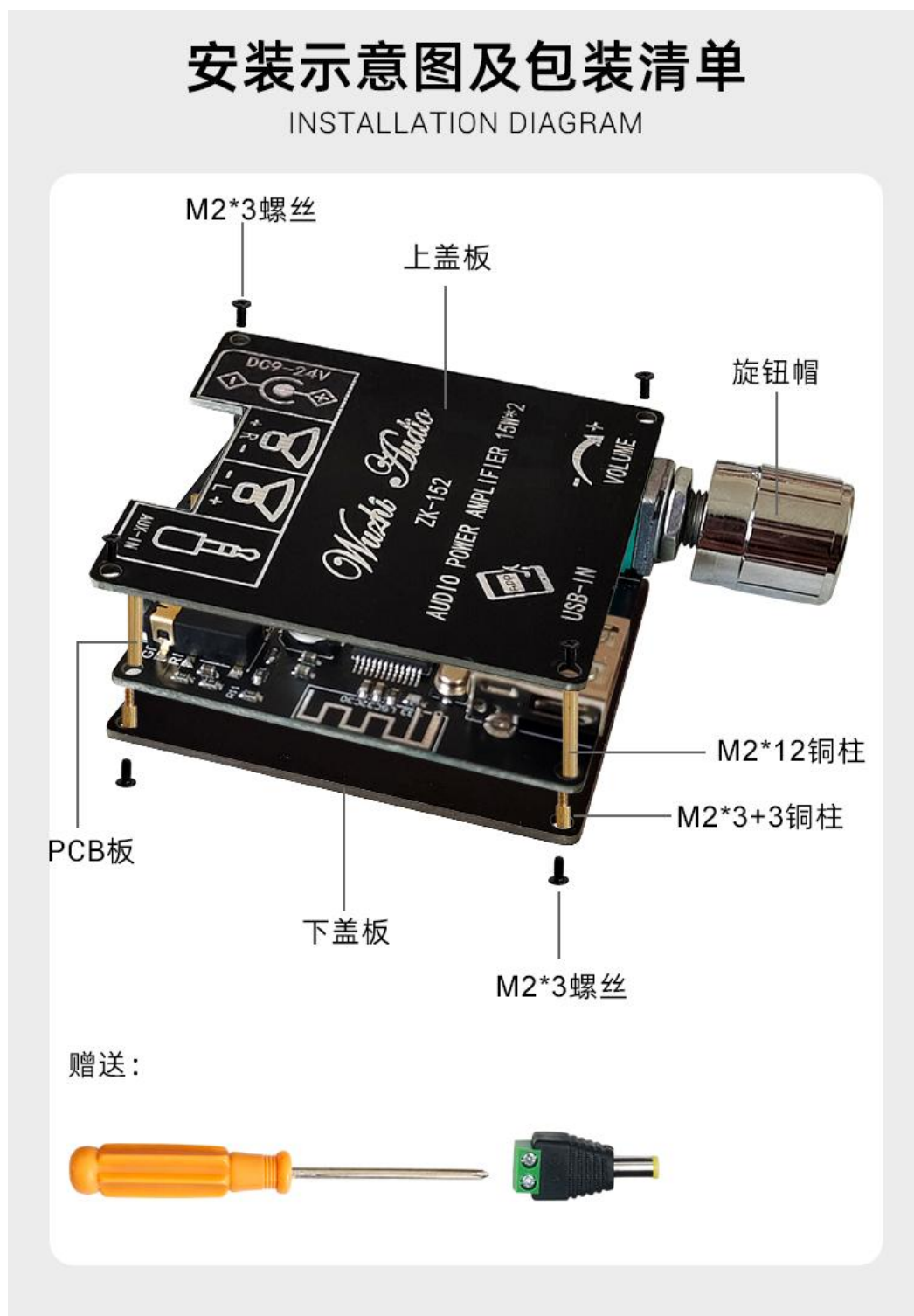
外形尺寸

76*60*22mm

注:建议配8Ω喇叭、供电9-24VDC, 不可超压。
如果驱动4Ω喇叭, 供电电源不能超过12V。

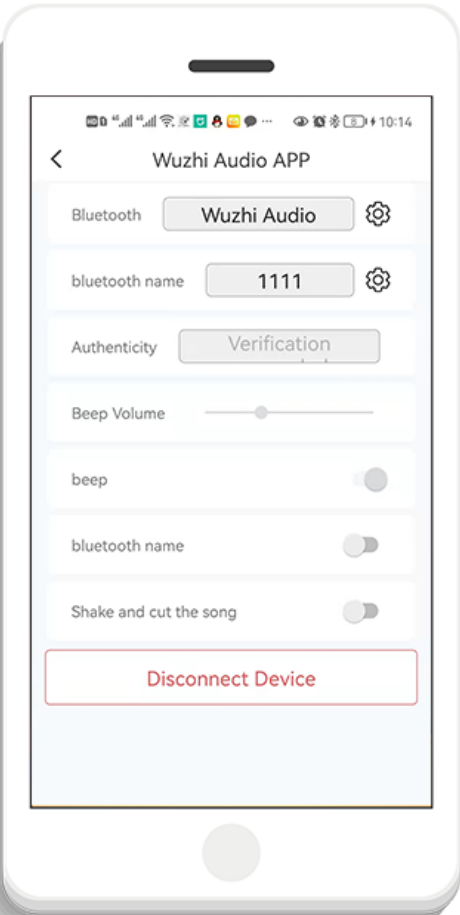
4. 安装示意图及包装清单

以 ZK-152 为例，其它四款产品类似，可看产品详情描述



5. APP 设置界面

APP设置界面 APP SETTING INTERFACE



The screenshot shows the 'Wuzhi Audio APP' settings screen. At the top, there's a back arrow and the app name. Below are several settings: 'Bluetooth' with a gear icon, 'bluetooth name' set to '1111' with a gear icon, 'Authenticity' set to 'Verification', 'Beep Volume' with a slider, 'beep' with a toggle switch, 'bluetooth name' with a toggle switch, and 'Shake and cut the song' with a toggle switch. At the bottom, there's a red button labeled 'Disconnect Device'.

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】

ZK-152、ZK-152T、ZK-302、ZK-302T、ZK-LT21

BT audio digital power amplifier board module

Product specification

ZK-152



ZK-152T



ZK-302



ZK-302T



ZK-LT21



目录

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1. Product comparison table

PRODUCT COMPARISON

Model	152	152T	302	302T	LT21
Picture					
Features	support Wuzhi Audio APP				
Audio input	BT+AUX+USB+USB sound card				
Channels	2.0	2.0	2.0	2.0	2.1
Power output	15W+15W	15W+15W	30W+30W	30W+30W	15W+15W+30W
Treble& Bass	No	Yes	No	Yes	No
Power supply	9-24V/≥2A	9-24V/≥2A	9-24V/≥3A	9-24V/≥3A	9-24V/≥3A
Speaker	5-30W 4-8Ω	5-30W 4-8Ω	10-50W 4-8Ω	10-50W 4-8Ω	10-50W 4-8Ω
Protection	Overheating, overcurrent, short circuit, anti-static protection				
Size	71*50*20mm	71*60*22mm	76*50*18mm	76*60*20mm	76*60*22mm
Weight (With pack-aging)	76g	98g	82g	106g	102g

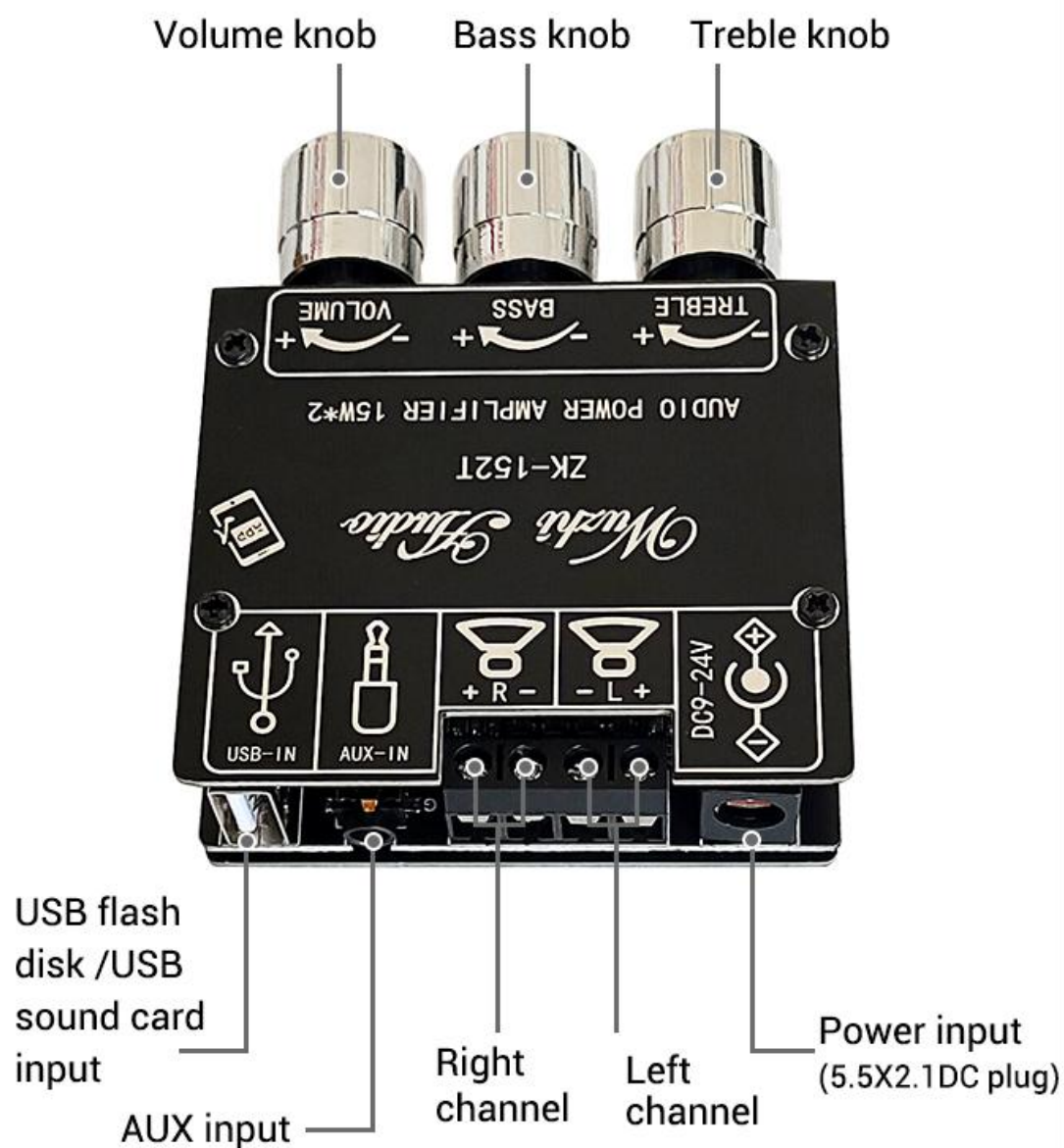
2. Product function introduction

ZK-152



ZK-152T

FUNCTION INTRODUCTION



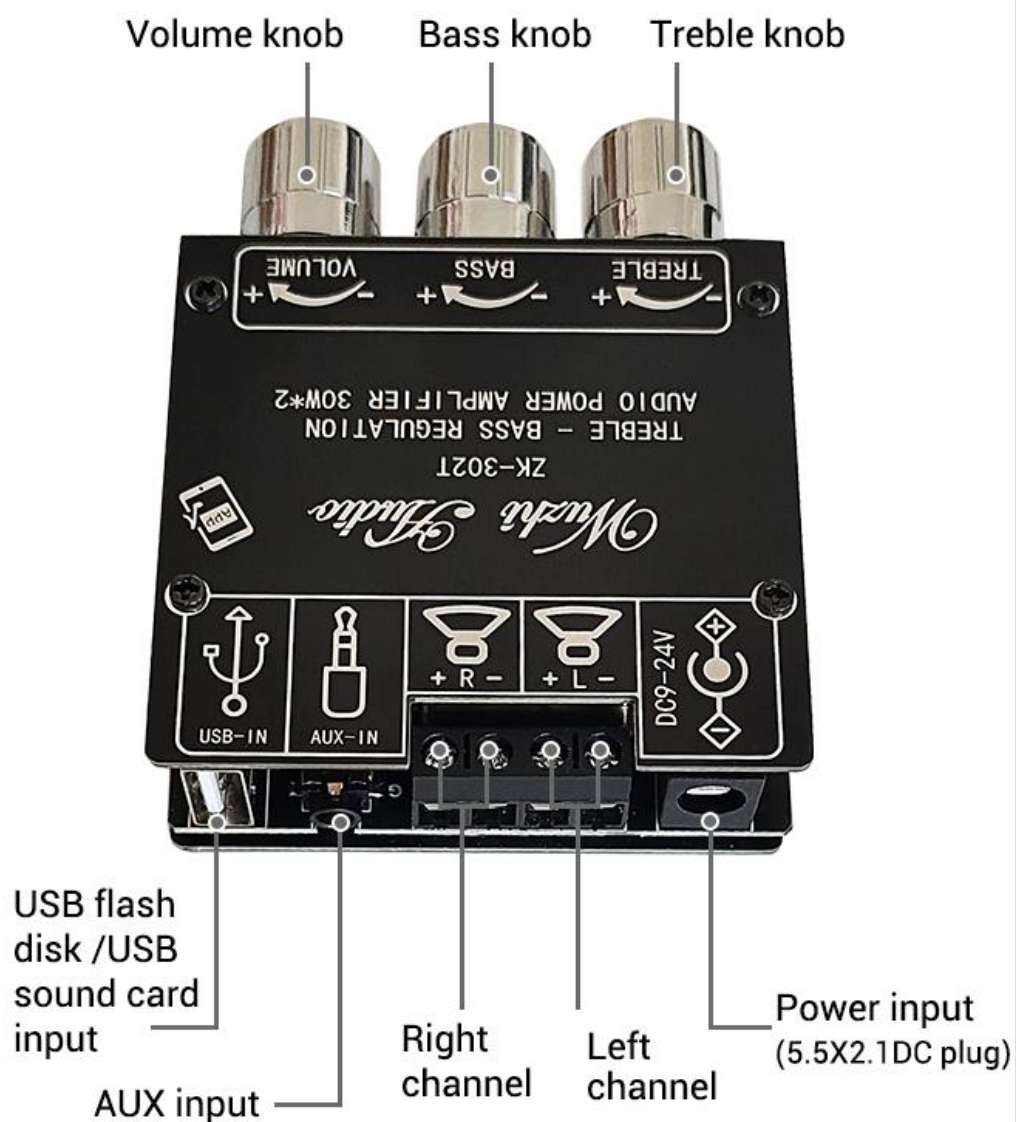
ZK-302

FUNCTION INTRODUCTION



ZK-302T

FUNCTION INTRODUCTION



ZK-LT21

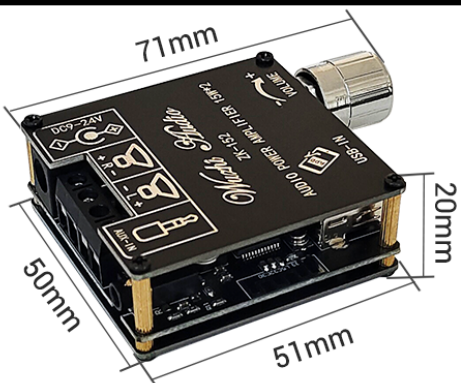
FUNCTION INTRODUCTION



3. Product parameters

ZK-152

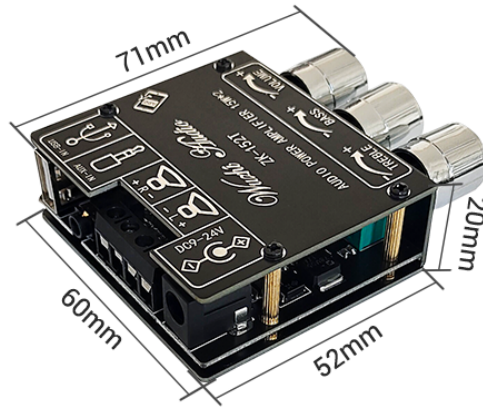
PRODUCT PARAMETERS



Brand	Model
Wuzhi Audio	ZK-152
Name	Adaptive power supply
2.0, 15Wx2 Stereo BT audio power amplifier	9-24V/≥2A (Do not connect to AC)
BT version	Audio input
5.1	BT+AUX+USB+USB sound card
Audio output	Volume adjustment
Left channel 15W + right channel 15W	Classic mechanical knob (with volume scale), stepless adjustment
Switch machine	Adaptive horn
Classic mechanical switch, one turn on and off, without long press and wait.	5-30W 4-8Ω
Protection mechanism	Product weight
Overheating, overcurrent, short circuit, anti-static protection	Net weight 40g, Weight with package 76g
Characteristic function	
Support Wuzhi Audio APP. Modify Bluetooth name, password setting, prompt tone volume adjustment, on / off prompt tone, lullaby, sound effect selection + custom sound effect, USB flash disk playlist.	
Size	
71*50*20mm	
Note: it is recommended to equip with 8 Ω horn and power supply of 9-24vdc. Overpressure is not allowed. If the 4 Ω horn is driven, the power supply shall not exceed 12V.	

ZK-152T

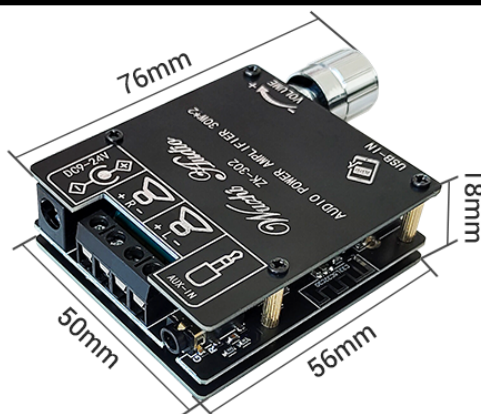
PRODUCT PARAMETERS



Brand	Model
Wuzhi Audio	ZK-152T
Name	Adaptive power supply
2.0, 15Wx2 BT audio power amplifier with treble and bass	9-24V/≥2A (Do not connect to AC)
BT version	Audio input
5.1	BT+AUX+USB+USB sound card
Audio output	Volume adjustment
Left channel 15W + right channel 15W	Classic mechanical knob (with volume scale), stepless adjustment
Switch machine	Adaptive horn
Classic mechanical switch, one turn on and off, without long press and wait.	5-30W 4-8Ω
Protection mechanism	Product weight
Overheating, overcurrent, short circuit, anti-static protection	Net weight 62g, Weight with package 98g
Characteristic function	
Support Wuzhi Audio APP. Modify Bluetooth name, password setting, prompt tone volume adjustment, on / off prompt tone, lullaby, sound effect selection + custom sound effect, USB flash disk playlist.	
Size	
71*60*20mm	
Note: it is recommended to equip with 8 Ω horn and power supply of 9-24vdc. Overpressure is not allowed.	
If the 4 Ω horn is driven, the power supply shall not exceed 12V.	

ZK-302

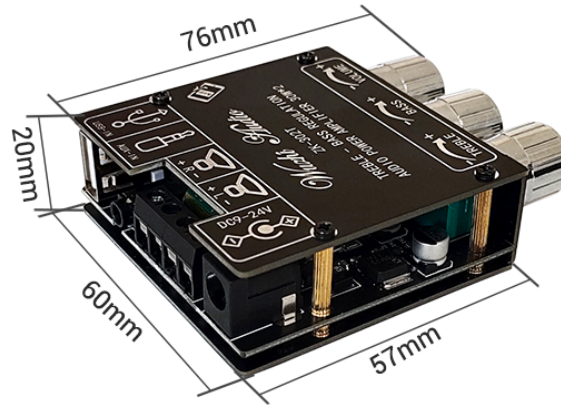
PRODUCT PARAMETERS



Brand	Model
Wuzhi Audio	ZK-302
Name	Adaptive power supply
2.0, 30Wx2 Stereo BT audio power amplifier	9-24V/≥3A (Do not connect to AC)
BT version	Audio input
5.1	BT+AUX+USB+USB sound card
Audio output	Volume adjustment
Left channel 30W + right channel 30W	Classic mechanical knob (with volume scale), stepless adjustment
Switch machine	Adaptive horn
Classic mechanical switch, one turn on and off, without long press and wait.	10-50W 8Ω
Protection mechanism	Product weight
Overheating, overcurrent, short circuit, anti-static protection	Net weight 45g, Weight with package 82g
Characteristic function	
Support Wuzhi Audio APP. Modify Bluetooth name, password setting, prompt tone volume adjustment, on / off prompt tone, lullaby, sound effect selection + custom sound effect, USB flash disk playlist.	
Size	
76*50*18mm	
Note: it is recommended to equip with 8 Ω horn and power supply of 9-24vdc. Overpressure is not allowed.	
If the 4 Ω horn is driven, the power supply shall not exceed 12V.	

ZK-302T

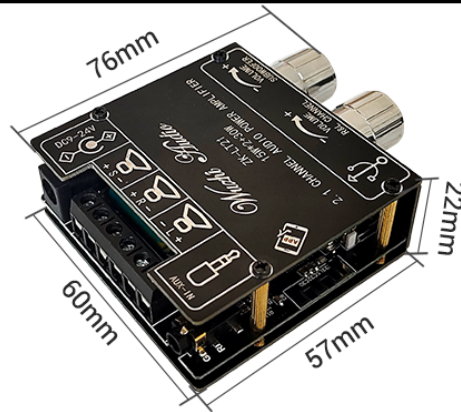
PRODUCT PARAMETERS



Brand	Model
Wuzhi Audio	ZK-302T
Name	Adaptive power supply
2.0, 30Wx2 BT audio power amplifier with treble and bass	9-24V/≥3A (Do not connect to AC)
BT version	Audio input
5.1	BT+AUX+USB+USB sound card
Audio output	Volume adjustment
Left channel 30W + right channel 30W	Classic mechanical knob (with volume scale), stepless adjustment
Switch machine	Adaptive horn
Classic mechanical switch, one turn on and off, without long press and wait.	10-50W 4-8Ω
Protection mechanism	Product weight
Overheating, overcurrent, short circuit, anti-static protection	Net weight 71g, Weight with package 106g
Characteristic function	
Support Wuzhi Audio APP. Modify Bluetooth name, password setting, prompt tone volume adjustment, on / off prompt tone, lullaby, sound effect selection + custom sound effect, USB flash disk playlist.	
Size	
76*60*20mm	
Note: it is recommended to equip with 8 Ω horn and power supply of 9-24vdc. Overpressure is not allowed.	
If the 4 Ω horn is driven, the power supply shall not exceed 12V.	

ZK-LT21

PRODUCT PARAMETERS

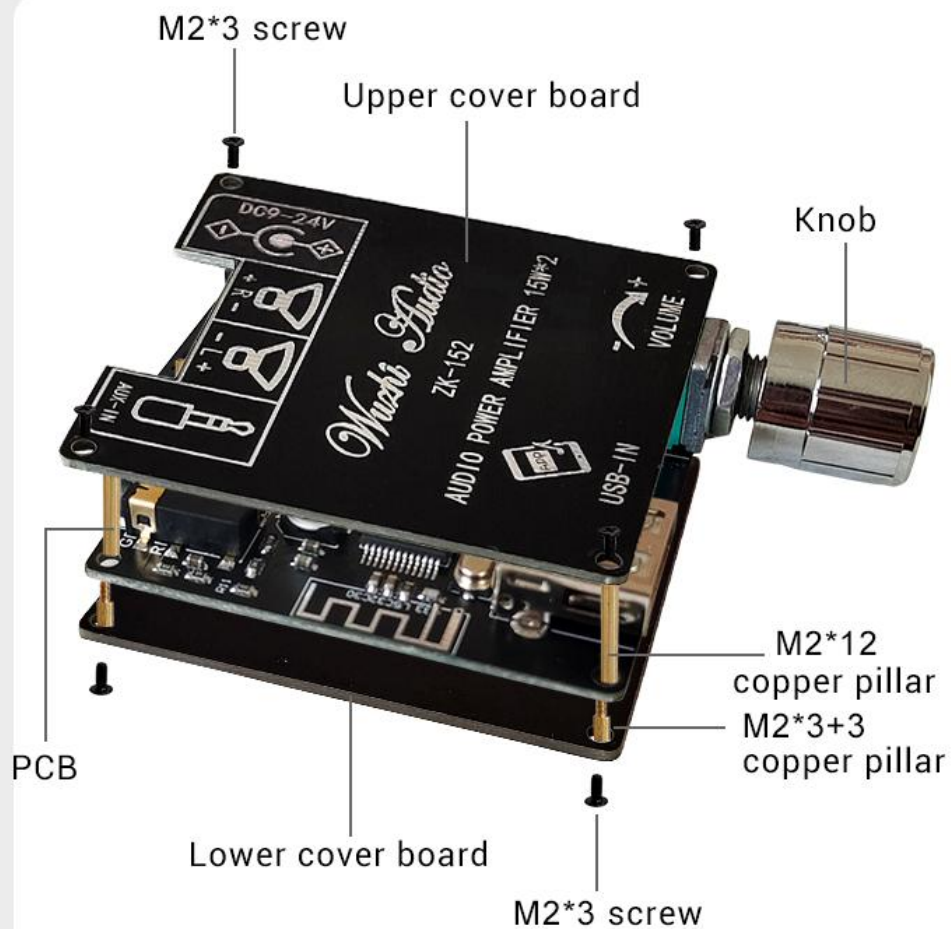


Brand	Model
Wuzhi Audio	ZK-LT21
Name	Adaptive power supply
2.1, 15Wx2+30W BT audio power amplifier with subwoofer	9-24V/≥3A (Do not connect to AC)
BT version	Audio input
5.1	BT+AUX+USB+USB sound card
Audio output	Volume adjustment
R&L channel 15W*2	Classic mechanical knob (with volume scale),
Subwoofer 30W	stepless adjustment
Switch machine	Adaptive horn
Classic mechanical switch, one turn on and off, without long press and wait.	10-50W 4-8Ω
Protection mechanism	Product weight
Overheating, overcurrent, short circuit, anti-static protection	Net weight 66g, Weight with package 102g
Characteristic function	
Support Wuzhi Audio APP. Modify Bluetooth name, password setting, prompt tone volume adjustment, on / off prompt tone, lullaby, sound effect selection + custom sound effect, USB flash disk playlist.	
Size	
76*60*22mm	
Note: it is recommended to equip with 8 Ω horn and power supply of 9-24vdc. Overpressure is not allowed.	
If the 4 Ω horn is driven, the power supply shall not exceed 12V.	

4. Installation diagram

Take ZK-152 as an example. The other four products are similar. See the product description for details

INSTALLATION DIAGRAM

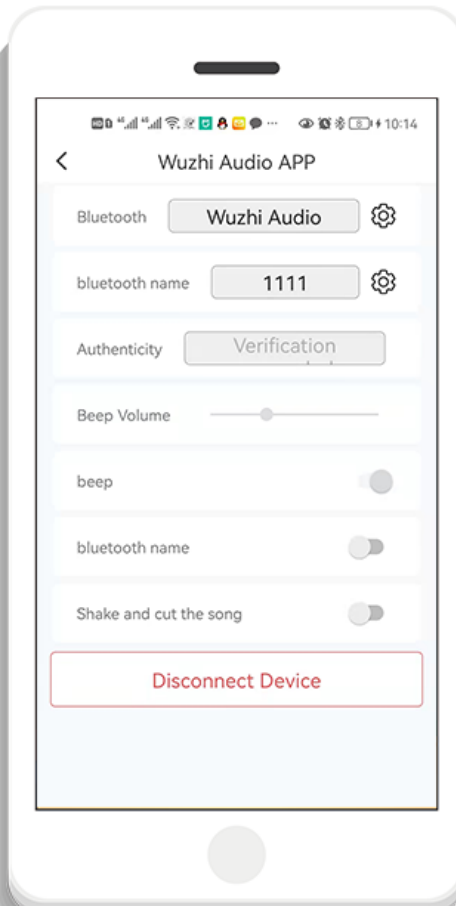


Free:



5.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]