

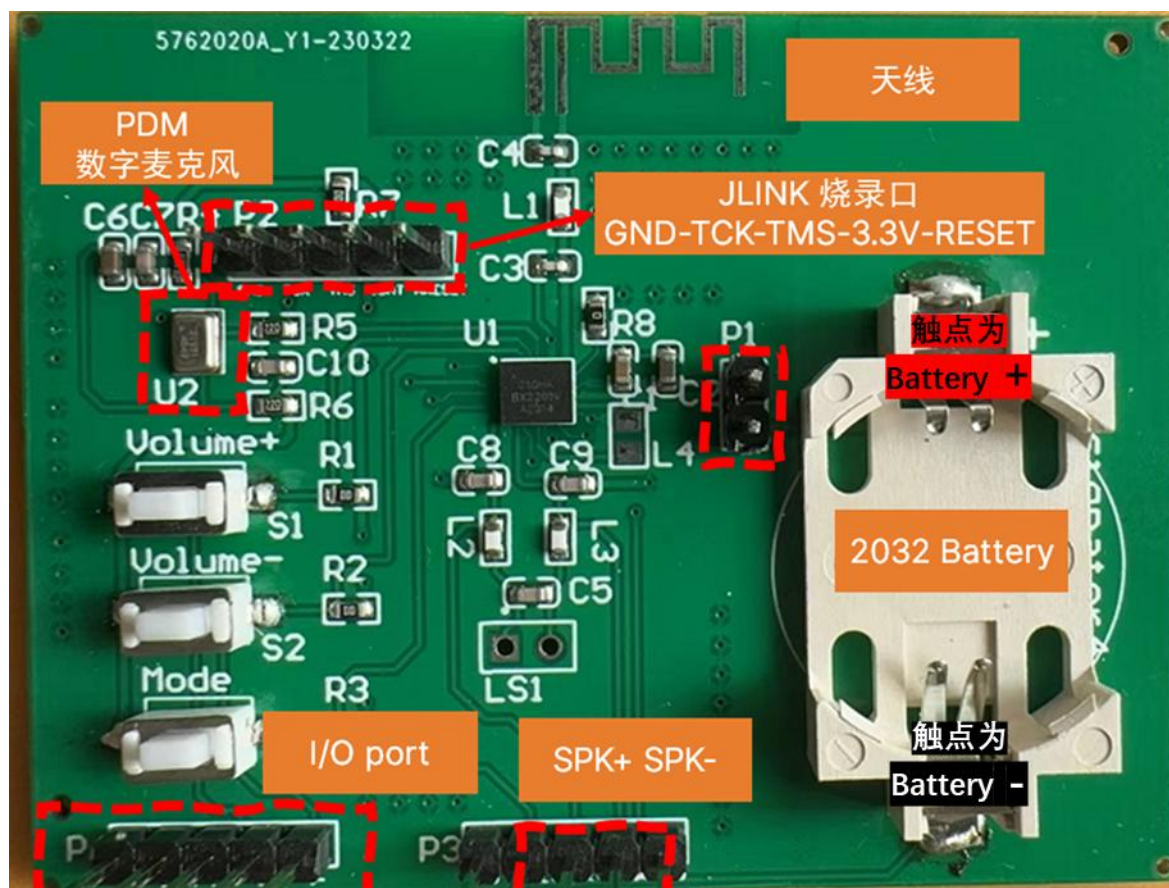


# J10 demo board 使用手册

[www.jhearing.com](http://www.jhearing.com)

2024. May.

## 1. J10 demo board 示意图



## 2. J10 DEMO 板使用步骤及功能介绍

- 1) 插入 2023 电池，连接 P1 跳冒，助听器自动开机
- 2) 开机后，通过网页端验配工具扫描、配对助听器就可以进行后续验配步骤的操作

### J10 Hearing Aid ,you can fitting on the web page

Support On following OS:

- Windows 10+ ,Edge Browser /Chrome Browser
- Linux ,Mac ,see [implementation status](#)
- Android Chrome
- Iphone/Ipad : Please install "Bluefy – Web BLE Browser" first

if you have issues about web ble,please check implementation status

All BLE Devices ☒

Scan J10 Hearing Aid

Current Mode: Mode A

Read Mode Config

Save Mode Config

Restore Mode Config

Reset Mode Config

Backup All Modes

Test Change Volume

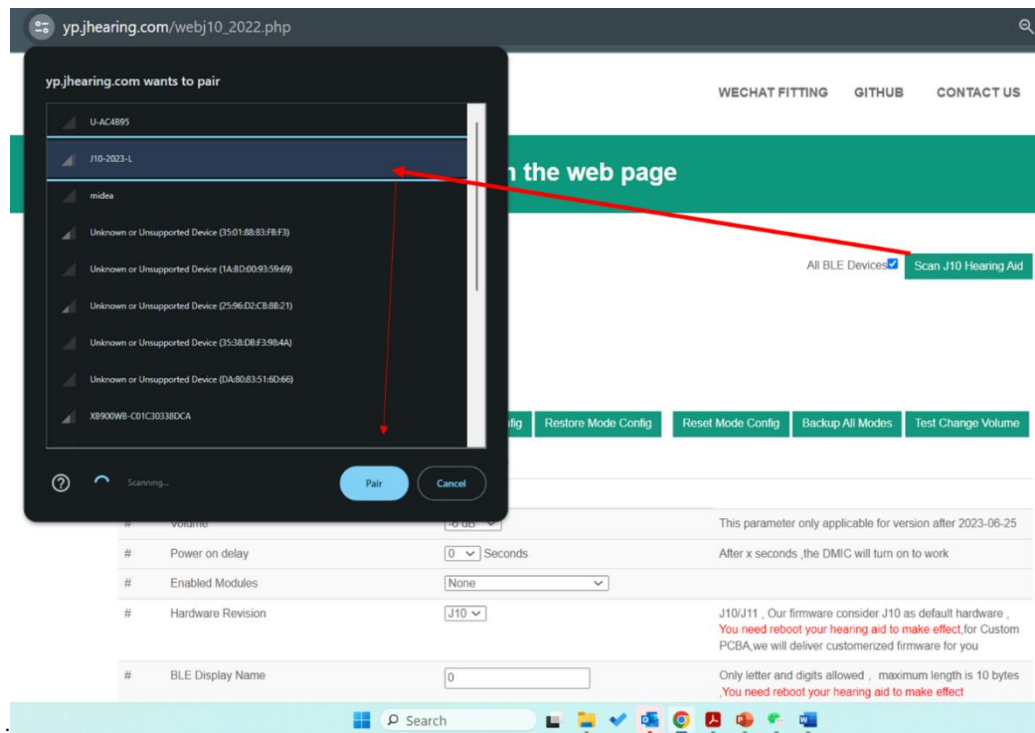
General

EQ

WDRC

Calibration and Others

Ble Upgrade



3) J10 一共 4 个模式，可以通过 **mode** 按键进行切换（每个模式通过网页验配工具自定义，目前可以支持通话模式、音乐模式、会议模式、餐厅模式、**ASHA** 模式、电视伴侣模式等），

4) 音量通过 **V+ V-** 调节（在固件定制化时候，预设音量范围及步进）

5) 网页端验配网址：[https://yp.jhearing.com/webj10\\_2022.php](https://yp.jhearing.com/webj10_2022.php)

Current Mode: Mode A Read Mode Config Save Mode Config Restore Mode Config Reset Mode Config Backup All Modes Test Change Volume

General EQ WDRC Calibration and Others Parameter Key Ble Upgrade

Name	Value	
# Volume	-14 dB	This parameter only applicable for version after 2023-06-25
# Power on delay	0 Seconds	After x seconds ,the DMIC will turn on to work
# Enabled Modules	Enable EQ & WDRC & AFC	
# Hardware Revision	J10	J10/J11 , Our firmware consider J10 as default hardware , You need reboot your hearing aid to make effect,for Custom PCBA,we will deliver customized firmware for you
# BLE Display Name	J10_BTE_L	Only letter and digits allowed , maximum length is 20 bytes You need reboot your hearing aid to make effect
# Max Volume	50 dB	Max Volume when press button
# Min Volume	0 dB	Min Volume when press button
# Volume Step	3 dB	Volume Step when press button,default to 2
# ADC 校准值 ADC 0V Calibration Value	DISABLE THIS FEATURE	当DIO0 接0V的时候, ADC的实时数据作为ADC校准值 When DIO0 Input is 0V, ADC realtime value
# ADC 实时值 ADC Realtime Value	0 0	ADC 实时数据,只读, 不能修改 ADC Realtime Value,Readonly
# 低电量告警阈值 Low Battery Threshold	50 %	以百分比表示 Percentage



- 6) 微信小程序搜索“J10 蓝牙验配小助手”，点击“无设备”就可以搜索到附近 J10 芯片助听器，实现手机调试音量、EQ 以及模式切换等功能



- 7) 以下为 J10 DEMO 板参考设计原理图，也可以参考规格书

