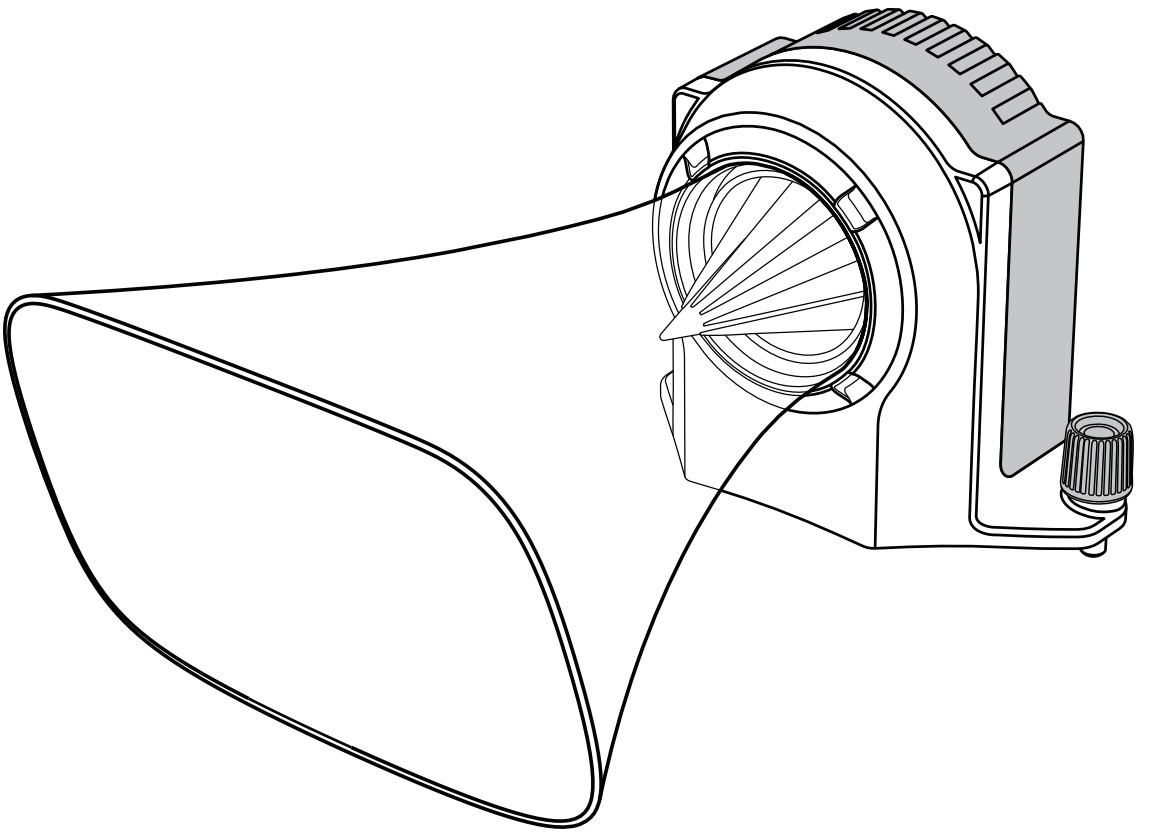
MP120V
无人机喊话器
DRONE SPEAKER

2024.11 V2.0

用户手册
User Manual



成至智能
CHENGZHI INTELLIGENCE

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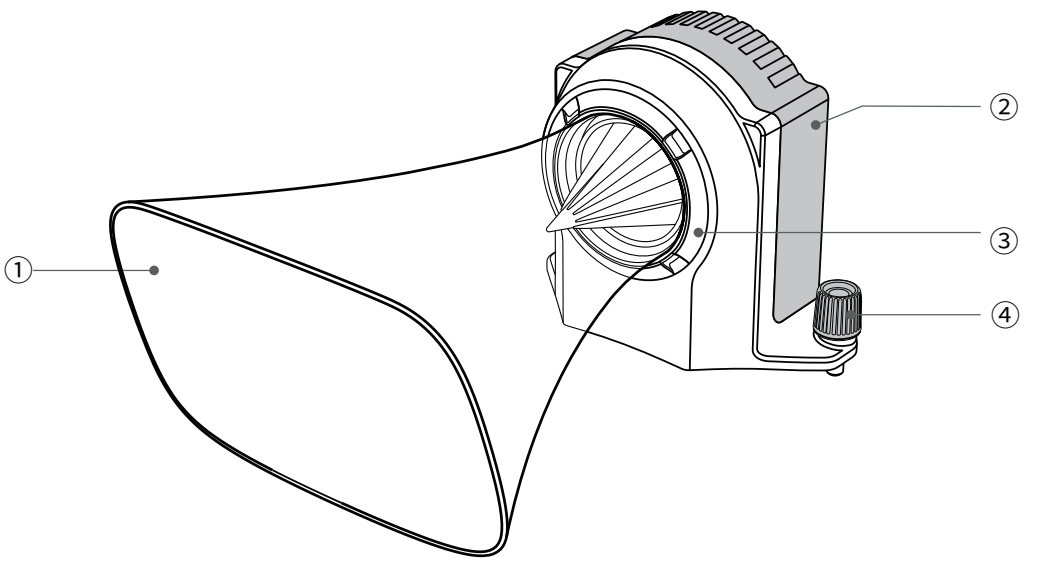
一、免责声明与警告

1. 感谢您购买本产品。本文所提及的内容关系到您的安全以及合法权益与责任。使用本产品之前，请仔细阅读本文以确保已对本产品进行正确的设置。不遵循本文的说明与警告进行操作可能会给您和他人造成伤害。本文及所有相关的文档最终解释权归本公司所有。如有更新，恕不另行通知。请访问本产品官方网站www.czi.com获取最新的产品信息。
2. 请根据说明书安装教程正确安装本产品。
3. 本产品不支持热插拔，请在开机前安装好负载。
4. 请勿在本产品近距离使用时调至最大音量，可能会对听力造成永久性伤害！由此带来的伤害自行承担！

二、MP120V介绍

1. 本产品整机轻量化设计，支持录音广播、实时喊话、TTS文本播报、音频播放、爆闪警灯功能。喊话器采用高性能驱动单元，结构上采用透明号角和前壳，提升警灯扩散显示度。通讯方面，支持无人机链路，可使用喊话器的所有功能，操作便利且快捷。



①：透明号角　②金属后盖　③：爆闪灯　④：手拧螺丝

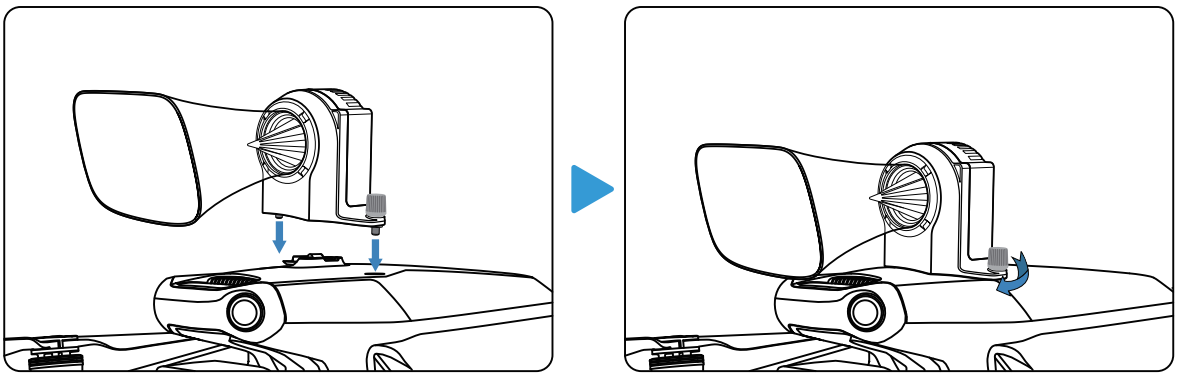
三、技术参数

MP120V规格参数	
外形尺寸 /mm	L:120.7×W:73.8×H:61.0mm
材质	PP/(ABS+PC)/铝合金
安装方式	手拧螺丝
总重量 / g	<105g
通讯链路	无人机链路、USB&串口链路
总功率 /W	<35W
播放声压	>115dB@1m
有效广播距离	>300m
喊话方式	实时喊话、录音广播、TTS文本播报、音频文件
警灯模式	红蓝爆闪、红红爆闪、蓝蓝爆闪
环境适应性	工作温度：-10°C ～ +40°C 储存温度：-20% ～+ 50°C

四、安装方式

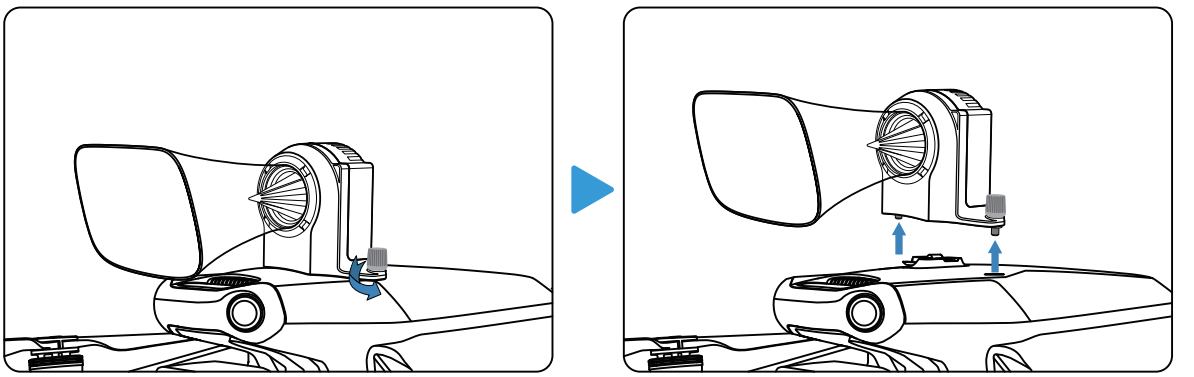
4.1.安装

将喊话器对准飞机的安装孔对插完成后，手动拧紧两颗手拧螺丝。



4.2.拆卸

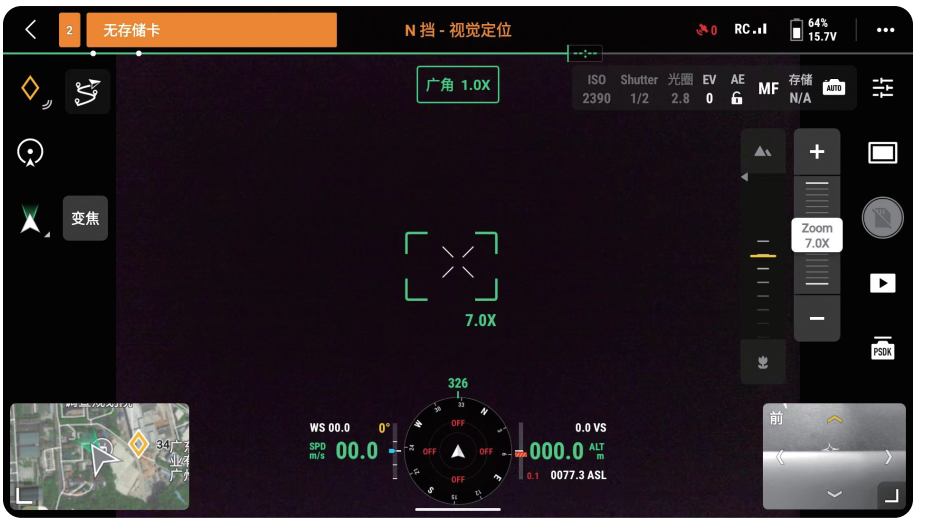
先手动松开喊话器的两颗手拧螺丝，然后将喊话器取下。



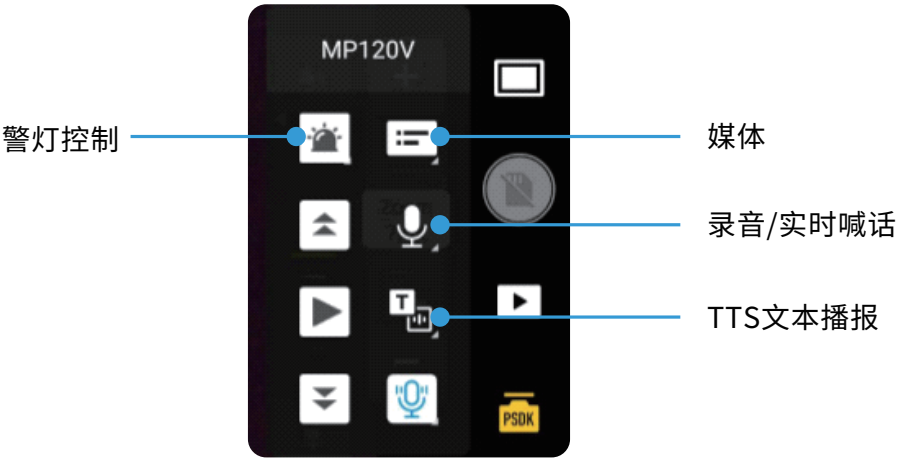
五、产品使用

5.1 打开遥控器上的APP，负载会显示在界面中。

5.2 进入控制界面后，点击屏幕右下方的“PSDK”按钮，便可打开功能区。



功能区可见四个主功能——分别为媒体、警灯、录音/实时喊话、TTS文本播报，以及悬浮窗、喊话模式选择。



点击悬浮窗功能按钮，悬浮窗会在屏幕左侧弹出，显示当前设备的固件版本、SN码，以及音频数目/当前音频。

5.2.1 媒体功能操作方式：

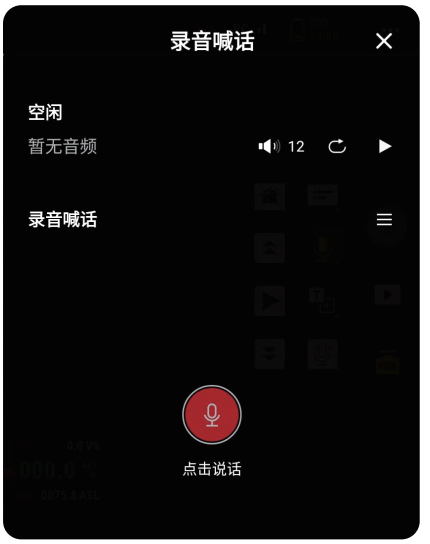
主功能区，点击媒体功能按钮，歌曲可自由切换播放与停止（*注：须先导入音频）。

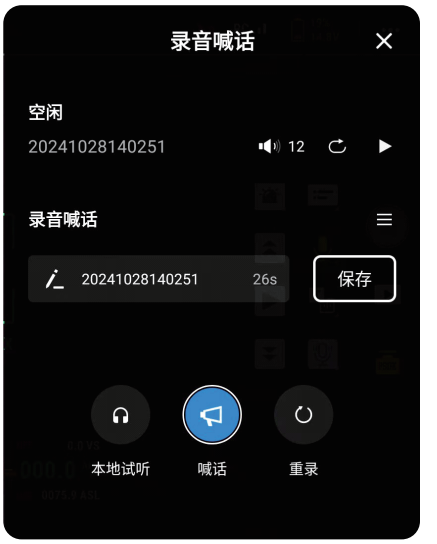
5.2.2 警灯功能操作方式：

主功能区，点击警灯功能按钮，可开启红灯爆闪、蓝灯爆闪、双色爆闪。

5.2.3 实时广播/录音广播功能操作方式：

① 主功能区，选择录音广播（位于喊话模式选择功能按钮下），点击录音/实时喊话功能按钮，点击“点击说话”和“喊话”，即可进行录音并且播放。



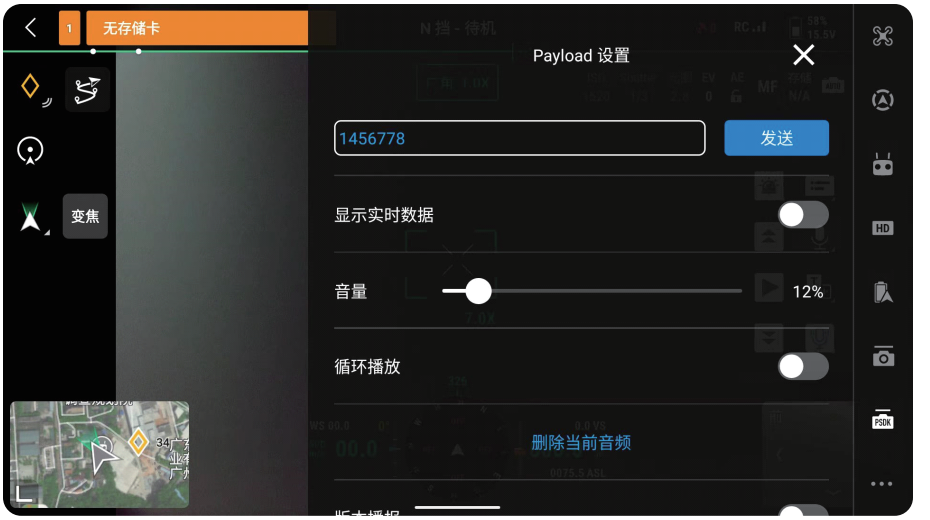


② 主功能区，选择实时广播（位于喊话模式选择功能按钮下），点击录音/实时喊话功能按钮，点击“点击说话”，即可进行实时喊话。

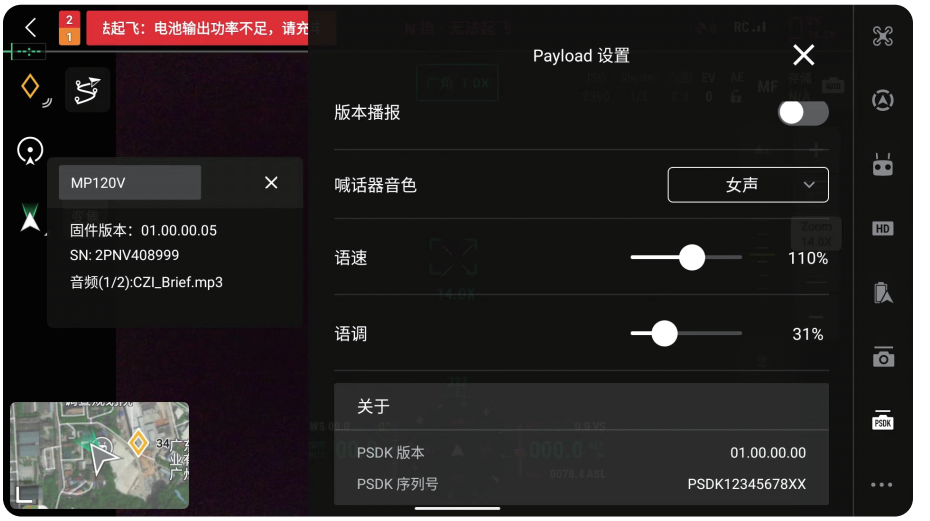
5.2.4 TTS文本播报功能操作方式：

主功能区，选择TTS文本播报功能按钮，输入文字，点击播放，即可播放该文本内容或将当前文本保存至本地。

5.3 点击右上角的设置图标“…”，进入“Payload设置”页面。可在该功能区播放TTS、开启悬浮窗、调节音量、开启循环播放、删除当前音频。



下拉页面，可开启开机版本播报、调整音色和音调。



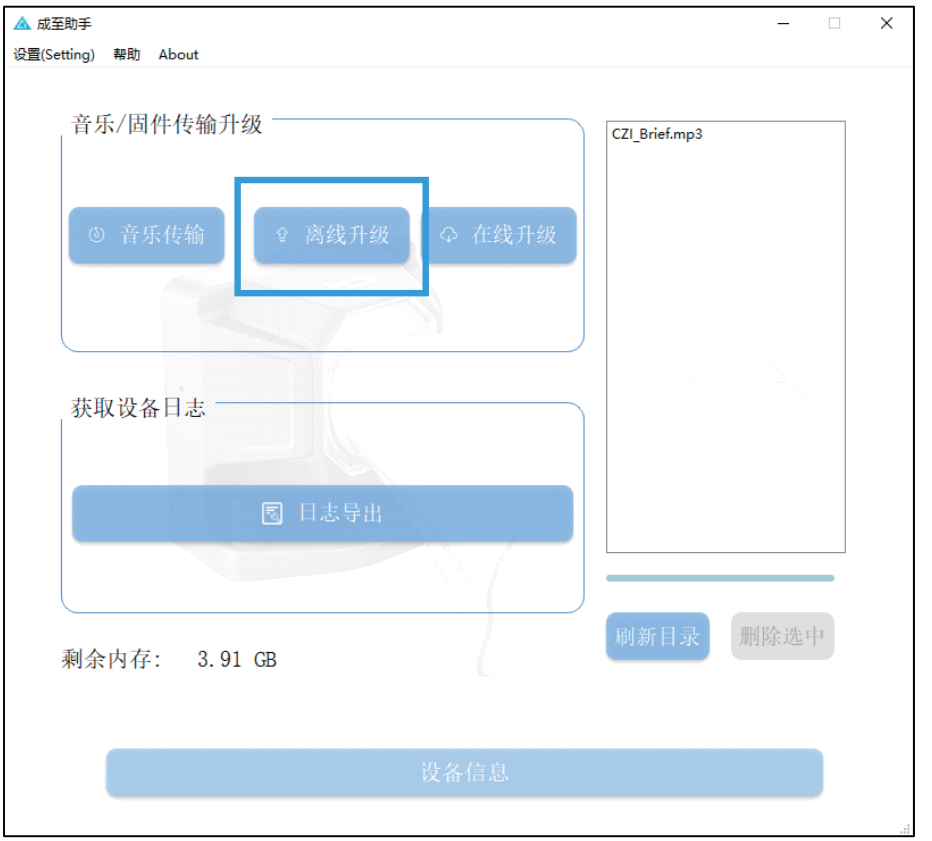
六、助手软件使用

6.1 进入负载设备官网，下载助手软件。

6.2 使用USB线将电脑和负载进行连接（注意Type-C口有正反方向的区分）。

6.3 首次连接时，助手会提示安装驱动，根据提示安装和操作。完成后即可与助手连接，等待连接成功。

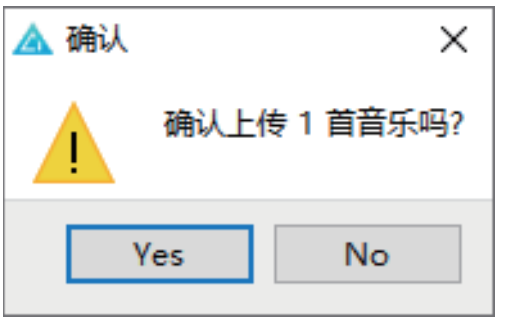
6.4 选择离线升级，选择需要升级的固件包，等待升级完成即可。



固件传输
请耐心等待...
停止

成至助手
设置(Setting)
帮助
About
音乐/固件传输升级
音乐传输
离线升级
在线升级
获取设备日志
日志
提示
MP120V 固件升级完成!
OK
CZI_Brief.mp3
刷新目录
删除选中
剩余内存: 3.91 GB
设备信息

6.5 选择音乐传输，选择需要导入的音频文件，即可将音频文件导入负载。


确认
确认上传 1 首音乐吗?
Yes
No

成至助手
设置(Setting)
帮助
About
音乐传输
发送完成!
返回
设备信息

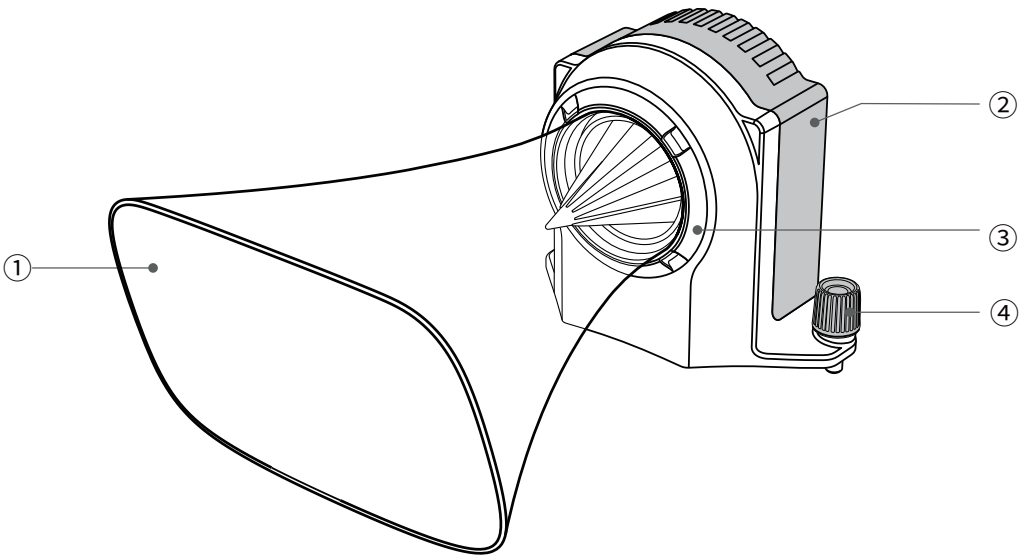
I .Disclaimer and Warning

1. Thank you for purchasing this product. The contents mentioned herein are related to your safety and legal rights and responsibilities. Before using this product, please read this document carefully to ensure that you have set up this product properly. Failure to follow and comply with the instructions and warnings in this document may result in injury to you and others. This document and all related documents are subject to the final interpretation of our company. Updates are subject to change without notice. Please visit the official website of this product at www.czi.com.cn for the latest product information.
2. Please install this product correctly according to the installation tutorial.
3. This product does not support hot swap. Please install the payload before the booting up.
4. Please do not use the maximum volume when this product is in close range, as it may cause permanent damage to hearing! The injury caused by this shall be borne by oneself!

II .Product Introduction

1. The whole product is designed with lightweight features. It supports multiple functions, such as recorded broadcasting, live broadcasting, TTS text broadcasting, music playback, and emergency flashing lights. The broadcasting system adopts high-performance drive units, and a transparent horn is used in its structure to enhance the diffusion and visibility of the warning

lights. In terms of communication, it supports the Drone link, allowing users to use all the functions of the broadcasting system with great convenience.



①：Transparent horn

②：Metal Rear Cover

③：Flashing light

④：Thumb screw

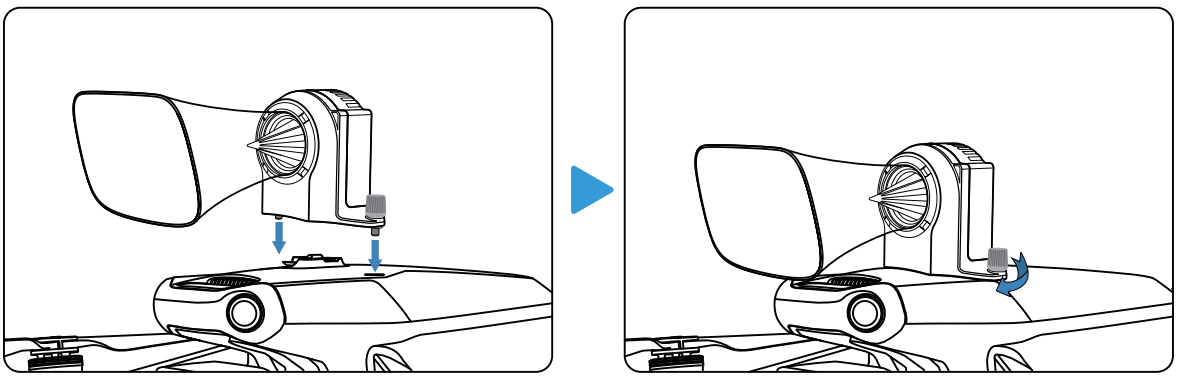
III.Technical Parameters

MP120VSpecification parameter	
Dimension /mm	L:120.7×W:73.8×H:61.0mm
Material	PP/(ABS+PC)/Aluminum
Installation method	Thumb screw
Weight / g	<105g
Communication link	Drone Link, USB&Serial port Link
Total power /W	<35W
Playback sound pressure	>115dB@1m
Effective Broadcasting Distance	>300m
Broadcasting method	Live broadcasting, Recorded broadcasting TTS text broadcasting, Music playing
Flashing light mode	Red and blue flashing Plain Red flashing Plain Blue flashing
Environmental Adaptability	Operating temperature：-10°C ～ +40°C Storage temperature：-20% ～+ 50°C

IV.User Installation Guide

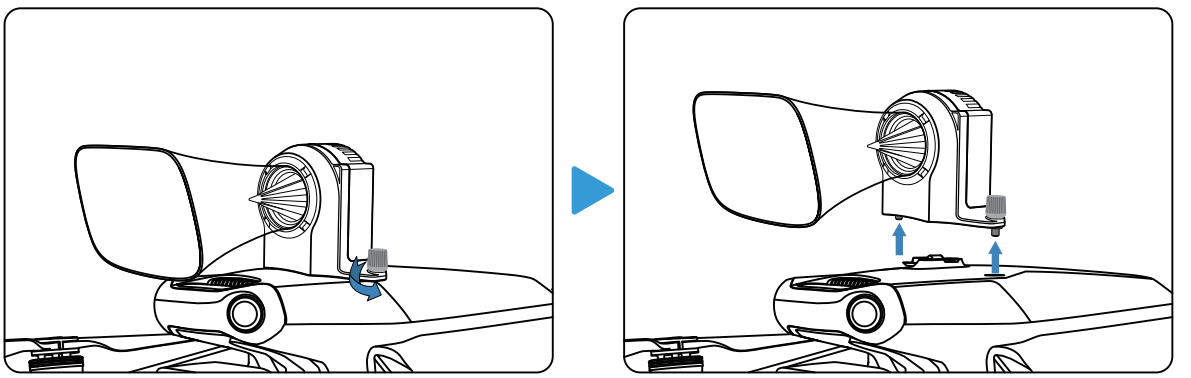
4.1 Installation

After aligning the broadcasting device with the installation hole of the drone and inserting it, manually tighten the two screws within the socket.



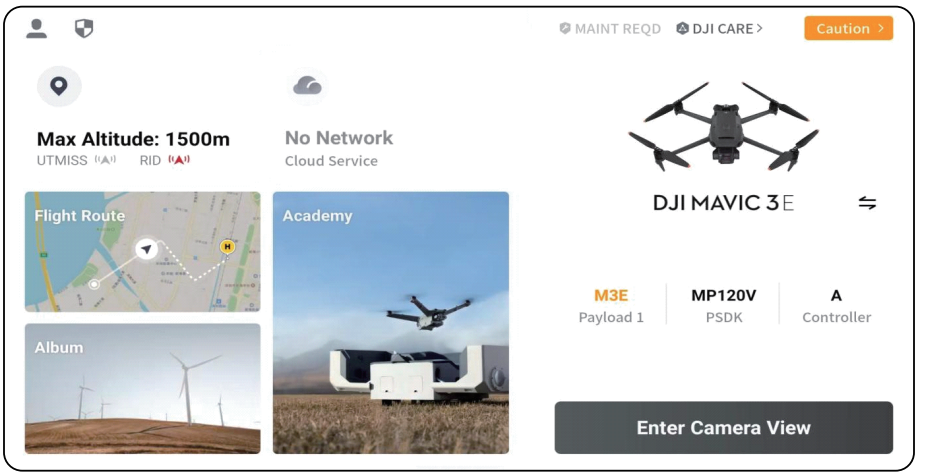
4.2 Disassembly

First, manually loosen the two thumb screws of the broadcasting device, and then remove the MP120V payload device.

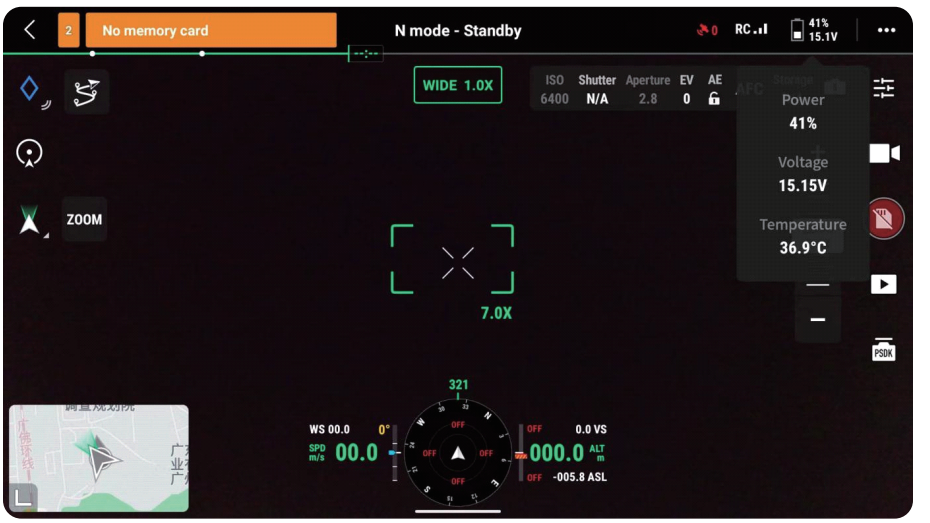


V .Product interface

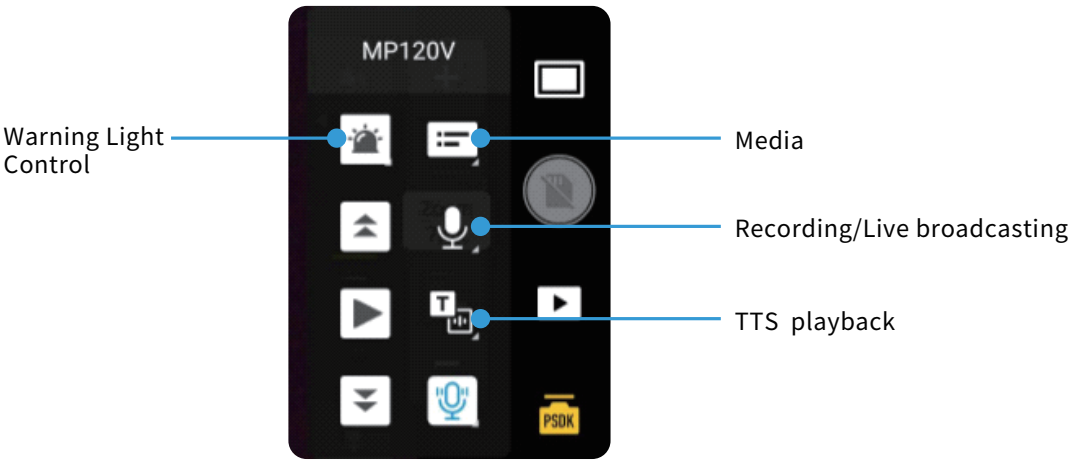
5.1 Open the APP on the remote control, and the payload will be displayed on the interface.



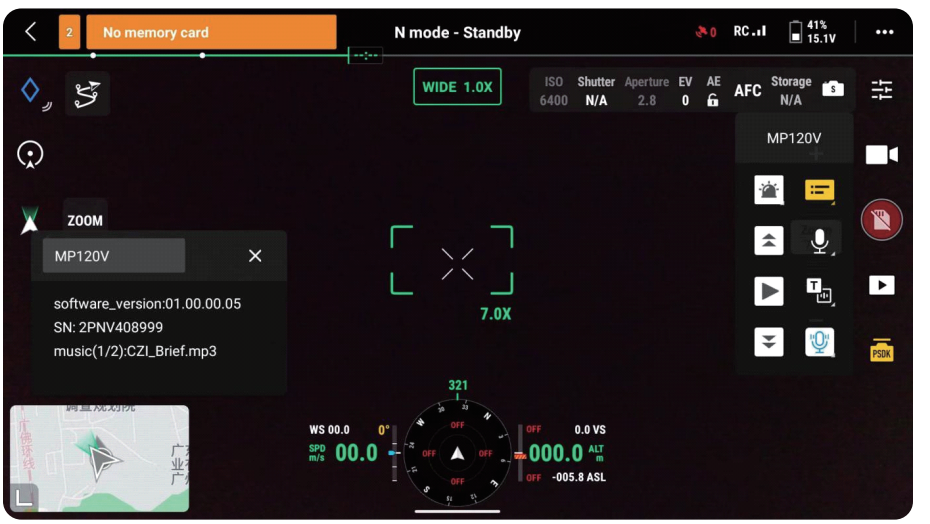
5.2 After entering the control interface, click the “PSDK” button at the bottom right of the screen to open the function area.



Four main functions can be seen in the PSDK function area as following options: Media playing, warning lights, recording / live broadcasting, TTS text broadcasting, as well as a hovering dialogue window and broadcasting mode selection.

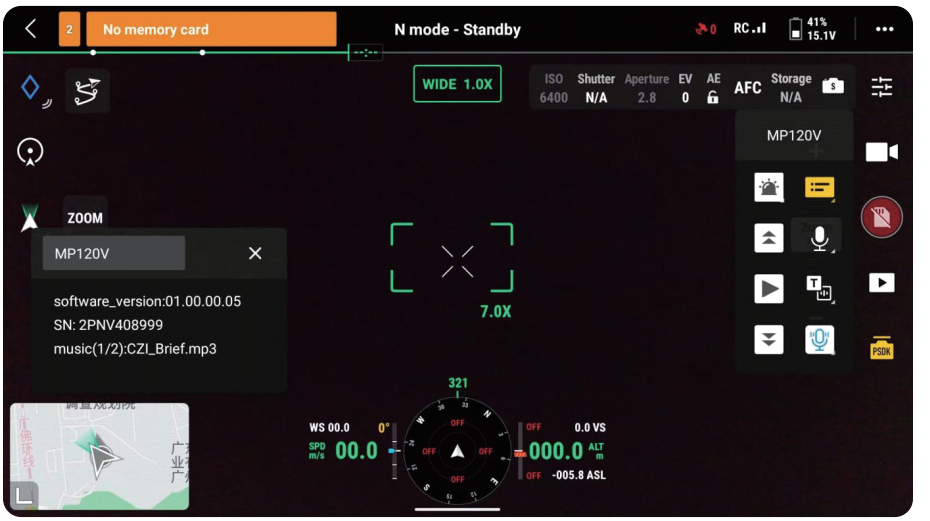


Click the pop-up dialogue window function button, and the Secondary Menu will pop up on the left side of the screen. The hovering dialogue window will display the firmware version, SN code, and the number of music / the current music of the current device.



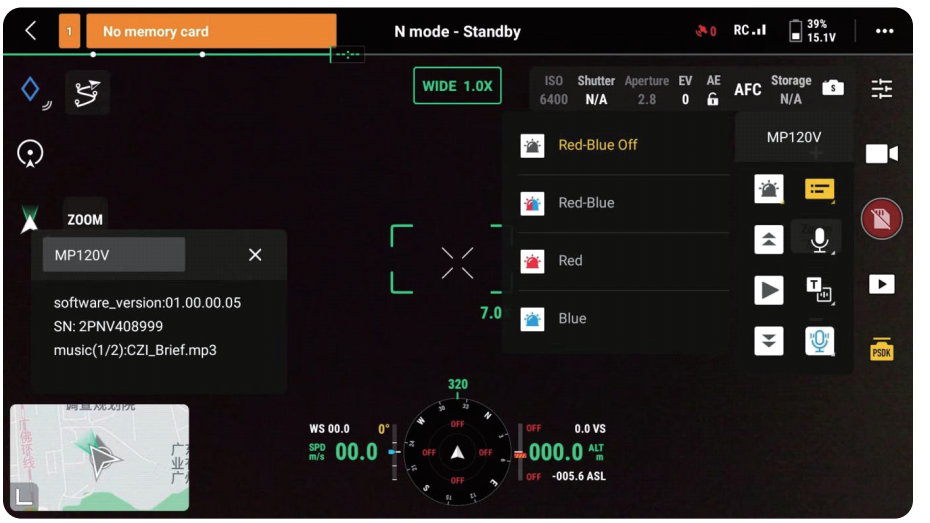
5.2.1 Operation Method for Media Functions:

In the main function area, click the media function button. The songs can be freely switched between playing and stopping (* Note: Audio files needs to be imported first)



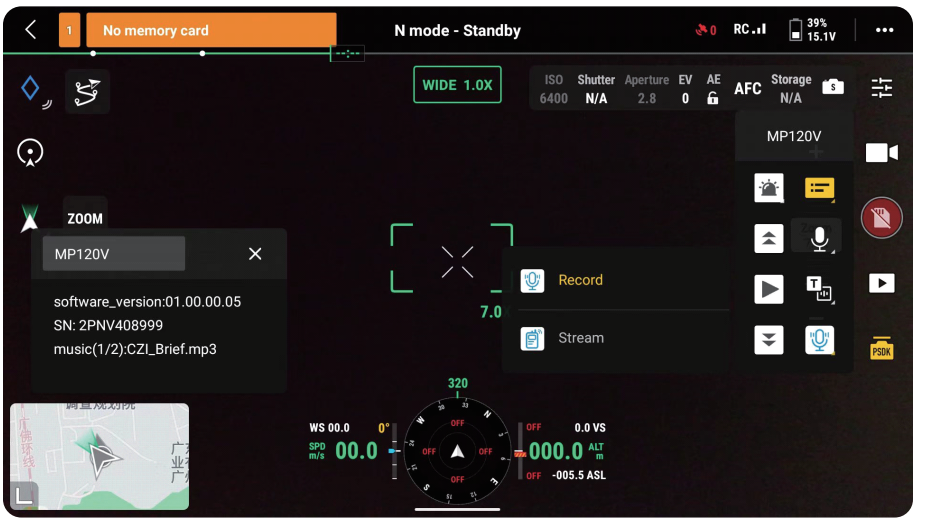
5.2.2 Operation Method for Warning Light Functions:

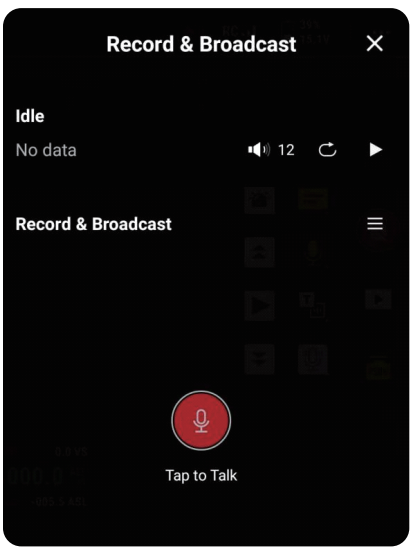
In the main function area, click the warning light function button, and you can turn on the red light flashing, blue light flashing, or dual color flashing.

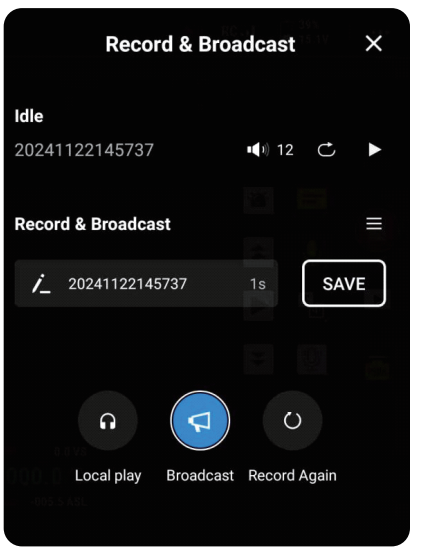


5.2.3 Operation Method for Live Broadcasting / Recorded Broadcasting Functions:

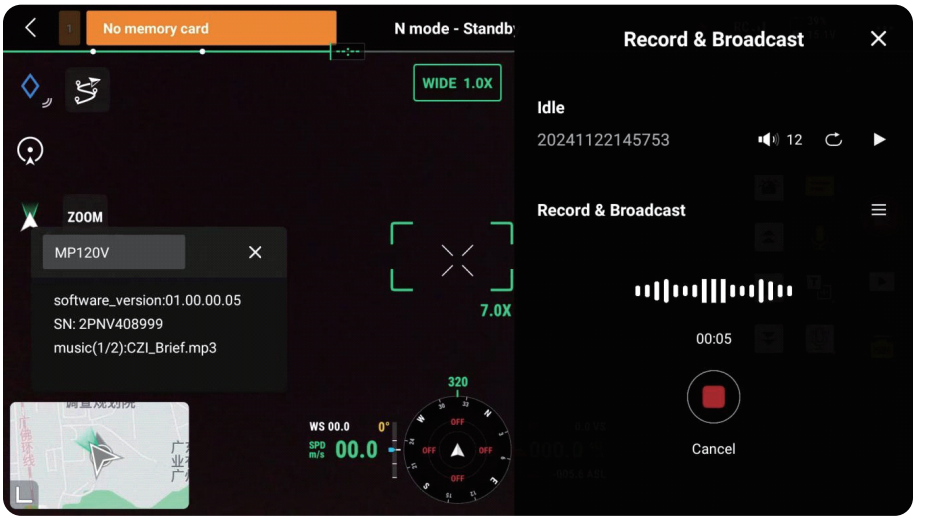
① In the main function area, select recorded broadcasting (located under the broadcasting mode selection function button). Click the recording / live broadcasting function button, and then click “Tap to Talk” and “Broadcasting” to record and play the audio.



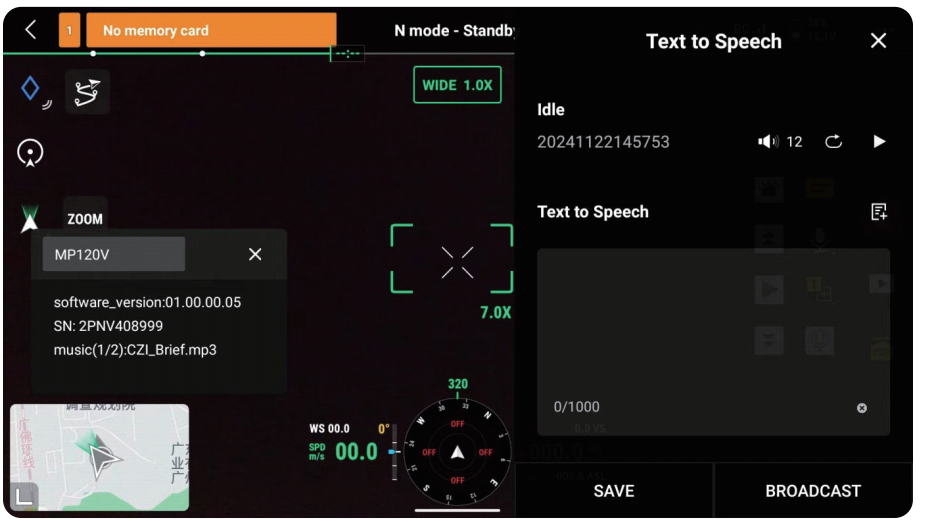




② In the main function area, select live broadcasting (located under the broadcasting mode selection function button). Click the recording / live broadcasting function button, and then click “Tap to Talk” to make live broadcasting.

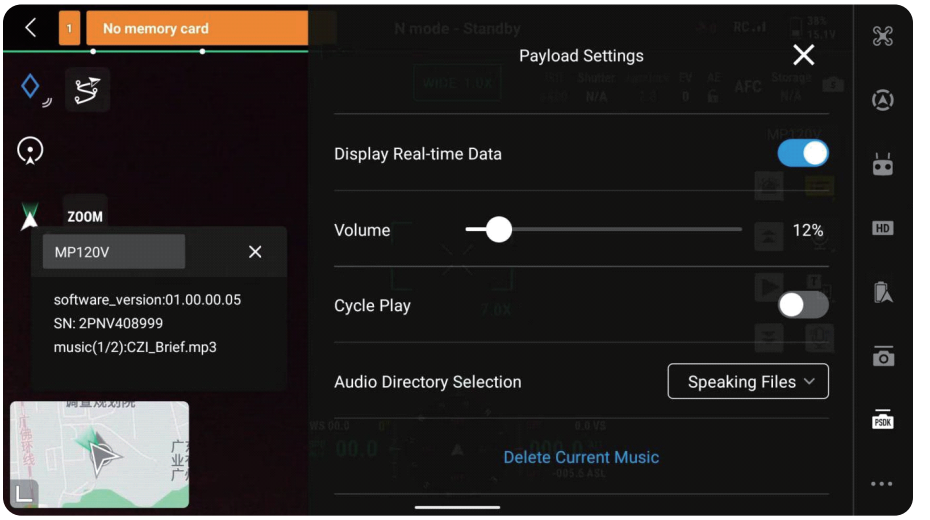


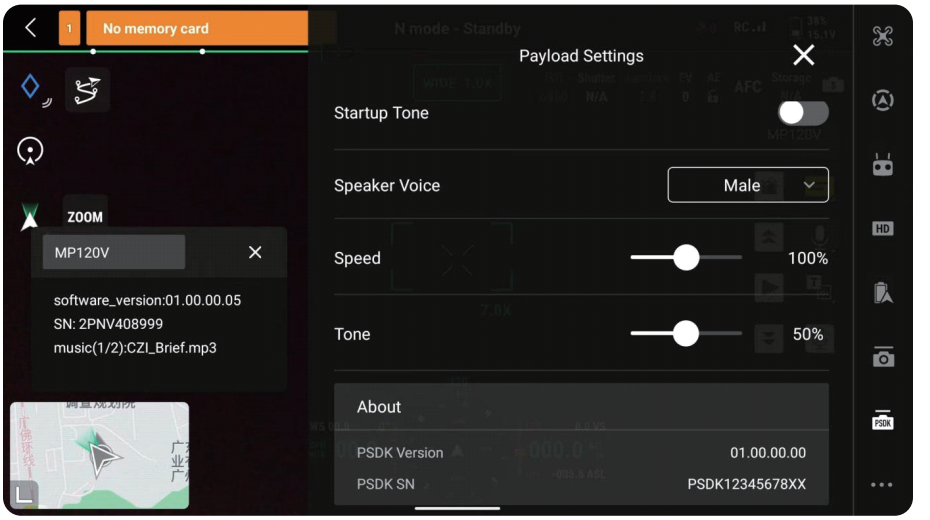
5.2.4 Operation Method for TTS Text Broadcasting Functions: In the main function area, select the TTS text broadcasting function button. Then enter the text, and click “Play” to play the content of the text or save the current text to local storage.



5.3 Click the settings icon “...” in the upper right corner to enter the “Payload Settings” page. In this function area, you can play TTS, open the hovering dialogue window, adjust the volume, turn on cycle play, and delete the current music.

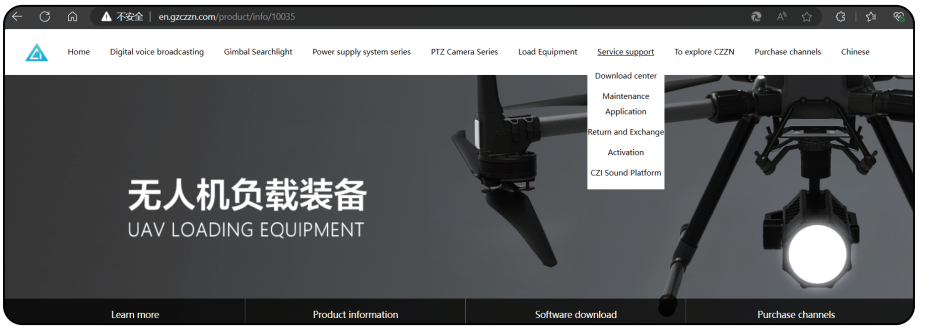
Scroll down the page to turn on the boot version broadcasting, adjust the timbre and tone.





VI.CZI Assistant Tutorial

6.1 Enter the official website of CZI, in order to download the payload updated firmware and the CZI assistant software.



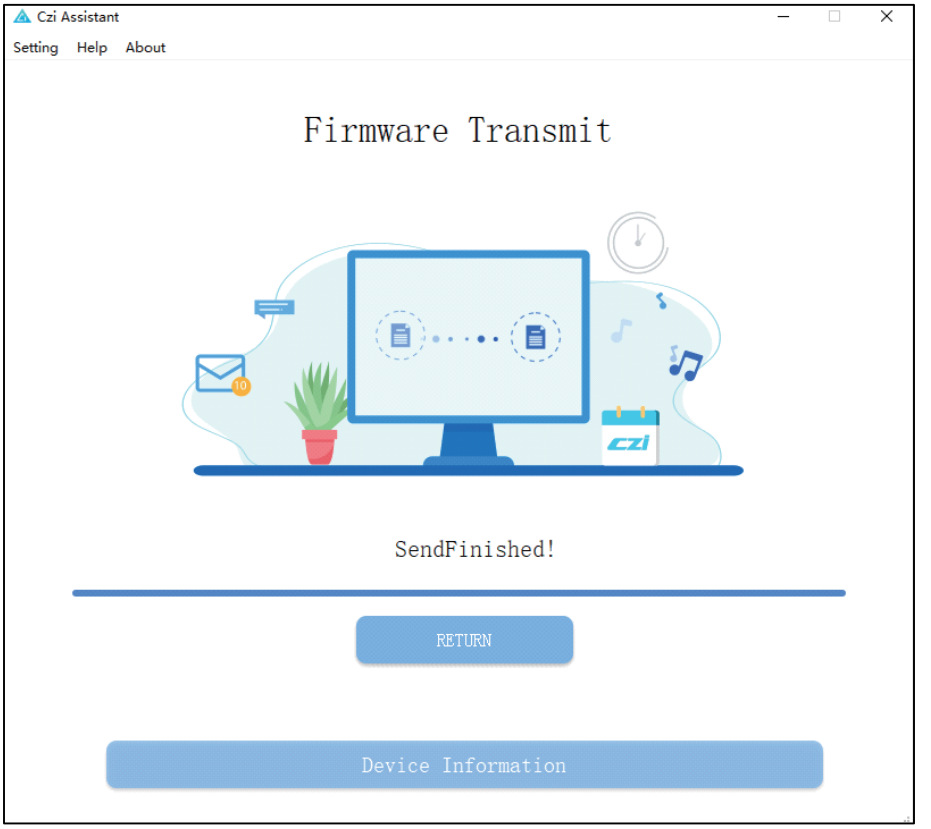
6.2 Use a USB cable to connect the computer and the payload (please note the Type-C wire port might differ as there is the front end and back directions).

6.3 When connecting the device for the first time, the CZI assistant will remind you to install the driver. Install it and operate according to the prompt notifications. Once installation completed, you can connect with the CZI assistant and wait for the connection to succeed.

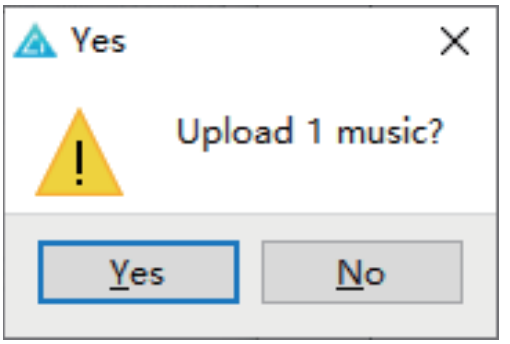
6.4 Select offline upgrade, choose the firmware package that needs to be upgraded. Then wait for the upgrade to be completed.

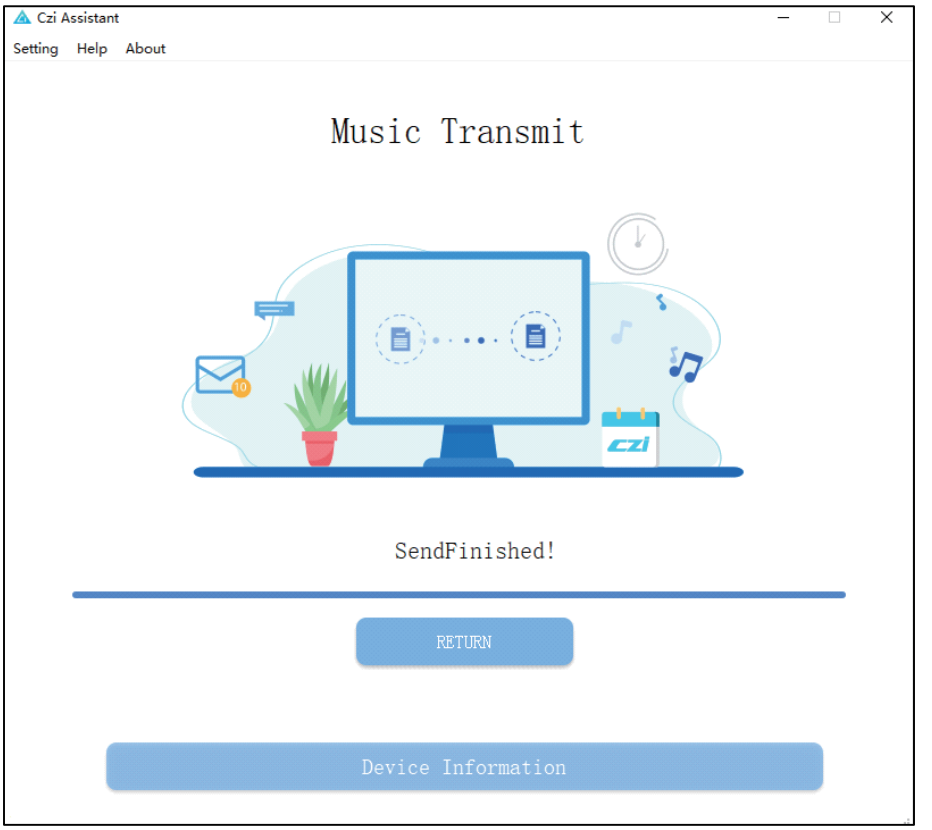
Czi Assistant
Setting
Help
About
Music/FirmwareUpgrade
Music Upload
Local Upgrade
Online Upgrade
CZI_Brief.mp3
jingdi.mp3
voice.record
Device Log Download
Device Log Export
GetMediaList
DeleteThis
Memory:
3.91 GB
Device Information

Czi Assistant
Setting
Help
About
Firmware Transmit
Please wait...
STOP


Czi Assistant
Setting
Help
About
Firmware Transmit
SendFinished!
RETURN
Device Information

6.5 Select music transfer, choose the audio files that needs to be imported. And then you can import the music into the load.


Yes
Upload 1 music?
Yes
No


Czi Assistant
Setting
Help
About
Music Transmit
SendFinished!
RETURN
Device Information

MP120V装箱清单 Packing list	
名称/NAME	数量/QUANTITY
MP120V 无人机喊话器 MP120V Drone speaker	1
装箱清单 Packing list	1
说明书 Instructions	1
合格证 Certificate	1

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Updates are subject to change without.

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Please scan the QR code to
view the latest user manual.

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