

# 产品说明书

## 一、产品概述

AI人声消除器是一款智能音频处理设备，支持通过6.5mm/3.5mm音频接口输入或蓝牙连接，实时消除人声并保留背景音乐。兼容多种应用场景，提供高精度消音模式调节功能。

## 二、技术参数

输入接口：6.5mm音频接口 ×1、3.5mm音频接口 ×1

连接方式：蓝牙5.2

蓝牙名称：VocalRemove

供电方式：内置锂电池（Type-C充电）

操作系统支持：Android/iOS

## 三、应用场景

- ①乐器演奏伴奏提取
- ②户外卡拉OK演唱
- ③直播实时人声处理
- ④影视解说/短视频创作
- ⑤音乐教学与练习

## 四、设备操作指南

### 1. 按键功能

长按电源键（2秒）：开机/关机

短按功能键：切换消音模式/原声模式

### 2. 指示灯说明

指示灯类型	状态	说明
APP	常亮	已连接
	闪烁	等待连接
BT	常亮	蓝牙已配对
	闪烁	等待连接
电量指示灯	4灯亮	电量100%
	3灯亮	电量75%
	2灯亮	电量50%
	1灯亮	电量25%（需充电）
充电状态	闪烁	充电中
	熄灭	充电完成

## 五、APP使用教程

### 下载方式

#### 中国大陆用户

Android：微信搜索"靠谱音乐KoppoMusic"公众号 → 菜单"人声消除器"下载。

iOS：AppStore搜索"VocalRemove"。

#### 海外用户

Google Play/AppStore搜索"VocalRemove"。

### 连接步骤：

- ①开启手机蓝牙功能。
- ②打开APP并授权所有权限请求。
- ③点击顶部"搜索设备"按钮。
- ④选择设备"VocalRemove"完成配对。

### 功能调节

模式选择：原声模式/消音模式。

消音强度：支持10%-100%多级调节。

## 六、注意事项

- ⚠ 使用OTG功能需自备支持录音的Type-C转接线。
- ⚠ 低电量时请及时充电（单灯闪烁提示）。
- ⚠ 首次使用需完成APP权限授权。
- ⚠ 建议在干燥环境中使用，避免接口氧化。

## 七、包装清单

AI人声消除器主机 ×1

快速指南 ×1

Type-C充电线 ×1

# Vocal Remover

## Product Manual

### 1. Product Overview

The AI Vocal Remover is an intelligent audio processing device that supports real-time vocal removal while preserving background music. It features 6.5mm/3.5mm audio inputs, Bluetooth connectivity, and Type-C OTG output for high-quality audio extraction

### 2. Specifications

Input Ports: 6.5mm ×1, 3.5mm ×1  
Connectivity: Bluetooth 5.2  
Bluetooth Name:VocalRemove  
Power: Built-in lithium battery (Type-C charging)  
OS Compatibility: Android/iOS

### 3. Applications

- ①Instrumental accompaniment extraction
- ②Outdoor karaoke performances
- ③Live vocal processing for streaming
- ④Video commentary/dubbing production
- ⑤Music education & practice

### 4. Device Operation

#### Button Functions

Button Functions  
Long-press Power Button (2s): Turn ON/OFF  
Short-press Function Button: Toggle between Vocal Remove Mode and Original Sound Mode

#### LED Indicators

Indicator Light Type	Status	Description
App	Solid	Connected
	Blinking	Disconnect
BT	Solid	Connected
	Blinking	Disconnect
Battery Level Indicator	4 lights on	100% Battery
	3 lights on	75% Battery
	2 lights on	50% Battery
	1 lights on	25% Battery ( needs charging )
Charging Status	Blinking	Charging in progress
	Off	Charging complete

## 5. APP Guide

### Download Instructions

#### Mainland China Users

Android:GooglePla Search "VocalRemove"

iOS: Search "VocalRemove" on AppStore

#### International Users

Download "VocalRemove" on Google Play or AppStore

### Connection Steps

- ①Enable Bluetooth on your smartphone
- ②Open the app and grant all permissions
- ③Tap "Search Device" at the top
- ④Select "VocalRemove" to pair

### Features

Mode Selection: Original Sound / Vocal Remove

Removal Intensity: Adjustable from 10% to 100%

## 6. Important Notes

- ⚠ Use a Type-C OTG cable with recording support for audio export
- ⚠ Charge immediately when battery is low (single LED blinking)
- ⚠ Grant all app permissions upon first use
- ⚠ Avoid humid environments to prevent port corrosion

## 7. Package Contents

AI Vocal Remover ×1

Quick Start Guide ×1

Type-C Charging Cable ×

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.