COMICA

PROFESSIONAL AUDIO EQUIPMENT

DUAL.LAV-D03

Dual-head Detachable&Multi-functional Lavalier Microphone

USER MANUAL

Foreword

Thank you for purchasing COMICA DUAL.LAV-D03 multifunctional dual-head microphone in electric control version;

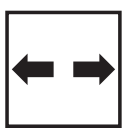
With built-in multifunctional circuit, D03 has additional functions on the basis of traditional dual-head microphone, such as “Stepless Gain Adjustment”, “Stereo/mono Mode Selection”, “Real-time Monitoring”, etc. Moreover, the detachable design for “Control Panel and Cable” brings much convenience for storage; this versatile and flexible dual-head lavalier micophone is an excellent choice for outdoor or indoor video recording;

In order to ensure the safety of the product, please read this manual strictly before use, and ensure the correct assembly and operation.

Main Features

. Dual-head MIC and Two-source Audio Recording;
. Detachable Design for Convenient Storage;
. Stepless Gain Adjustment;
. Mono/Stereo Mode Switch;
. Real-time Audio Monitor;
. Built-in Rechargeable Lithium Battery, Slim Body;
. Type-C Charging Interface
. Super-long Standby Time Up to 100h;
. Metal Panel for Excellent Shielding;

Stepless Gain Adjustment


Detachable Design

Dual-Mic Audio Recording

Lithium Power Drived

Type-C Charging Interface

Mono/Stereo Audio Switch

Real-time Monitor

Notice

⚠ For the Android system smartphone, the mic works well in audio mode, but video mode will happen with incompatibility trouble while working with some smartphone;(Then we suggest you try the 3rd party's video APP);
For the iOS system phone, the mic works well in all audio mode, video mode, and 3rd party's APP.

⚠ When used with a Type-C interface phone or a Non-3.5mm interface iPhone, be sure to connect the corresponding cable adapter to use it;

⚠ Do not charge during recording to avoid interference;

⚠ When used with a smartphone, please set it to flight mode to avoid interference;

⚠ This product belongs to high-precision instruments, please avoid falling, collision or pounding;

⚠ Do not use this equipment in the vicinity of heat source or interference source, such as radiator, oven, refrigerator or air conditioner;

⚠ Please keep the product in a dry environment;

⚠ Do not use the equipment in rain or in a damp environment, otherwise there will be a risk of short circuit;

In Packing List

1. Electronic Control Body
2. 3.5mm MIC Input Cable x 2pcs
3. 3.5mm Audio Output Cable
4. Type-C Charging Cable
5. TRS-TRRS Smartphone Audio Cable Adapter
6. Wind Muff x 2pcs
7. Carrying Case
8. User Manual
9. Warranty Card

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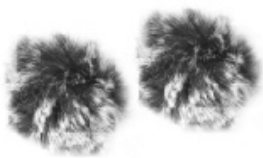

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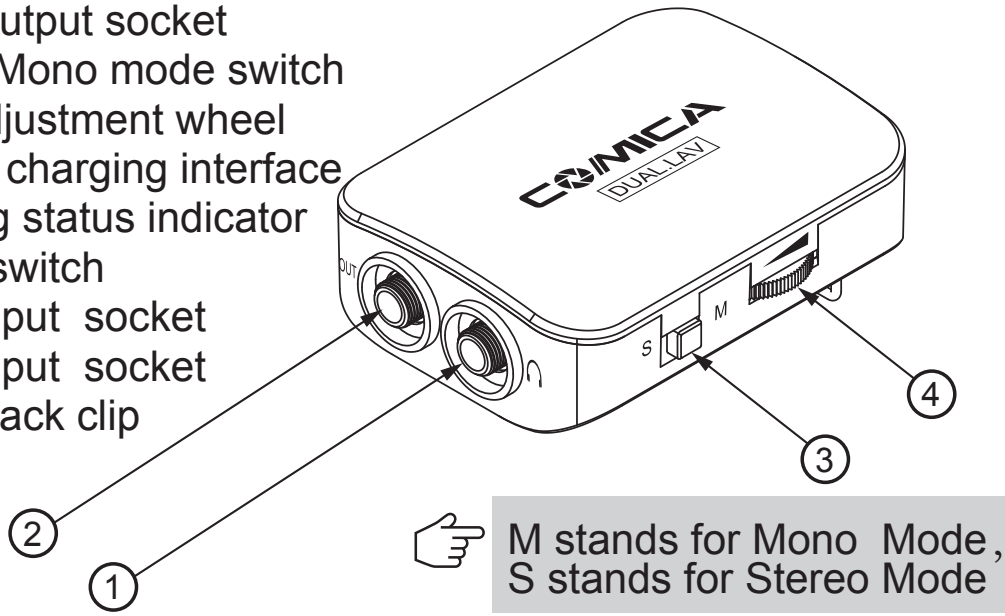
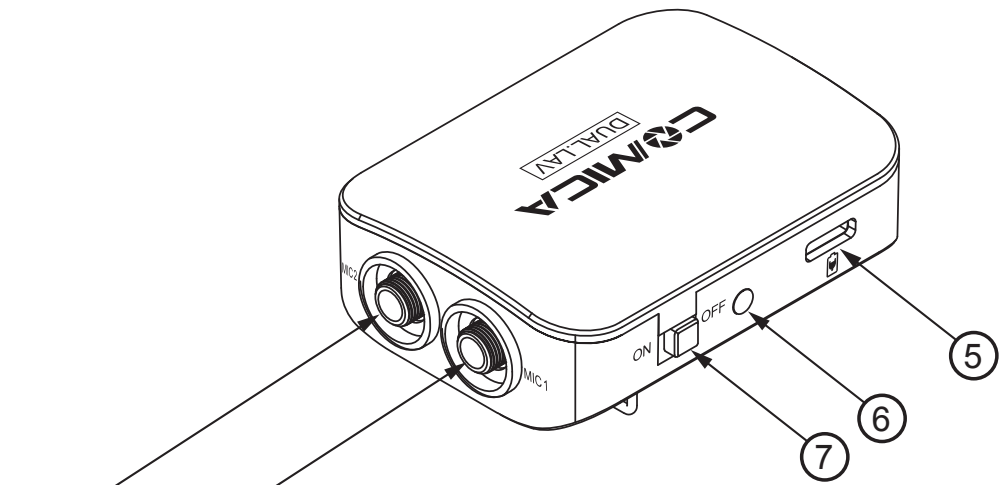
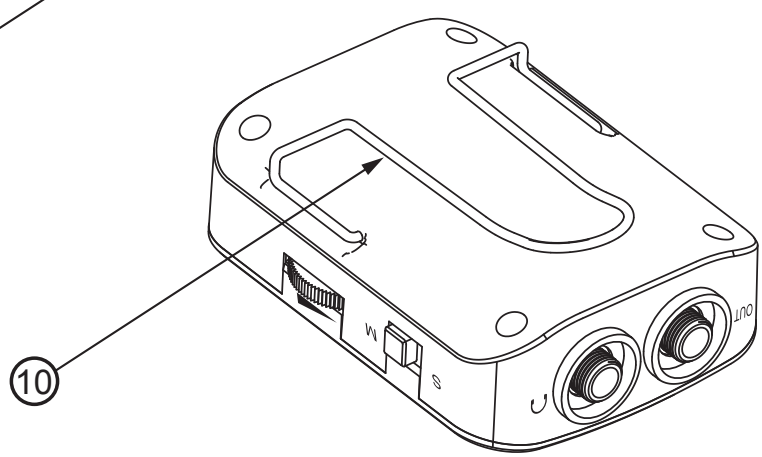
Components and Instruction

1. Monitoring socket
2. Audio output socket
3. Stereo/Mono mode switch
4. Gain adjustment wheel
5. Type-C charging interface
6. Working status indicator
7. Power switch
8. MIC2 input socket
9. MIC1 input socket
10. Belt/ back clip



M stands for Mono Mode,
S stands for Stereo Mode

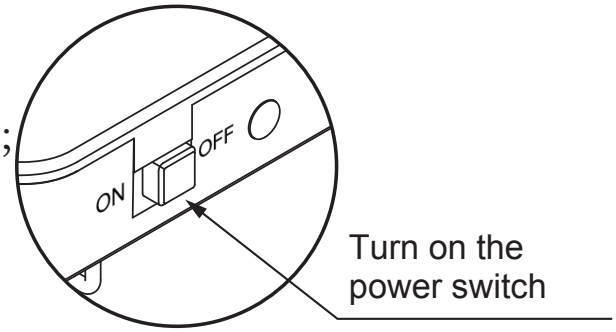




Function and Operation

1. Usage

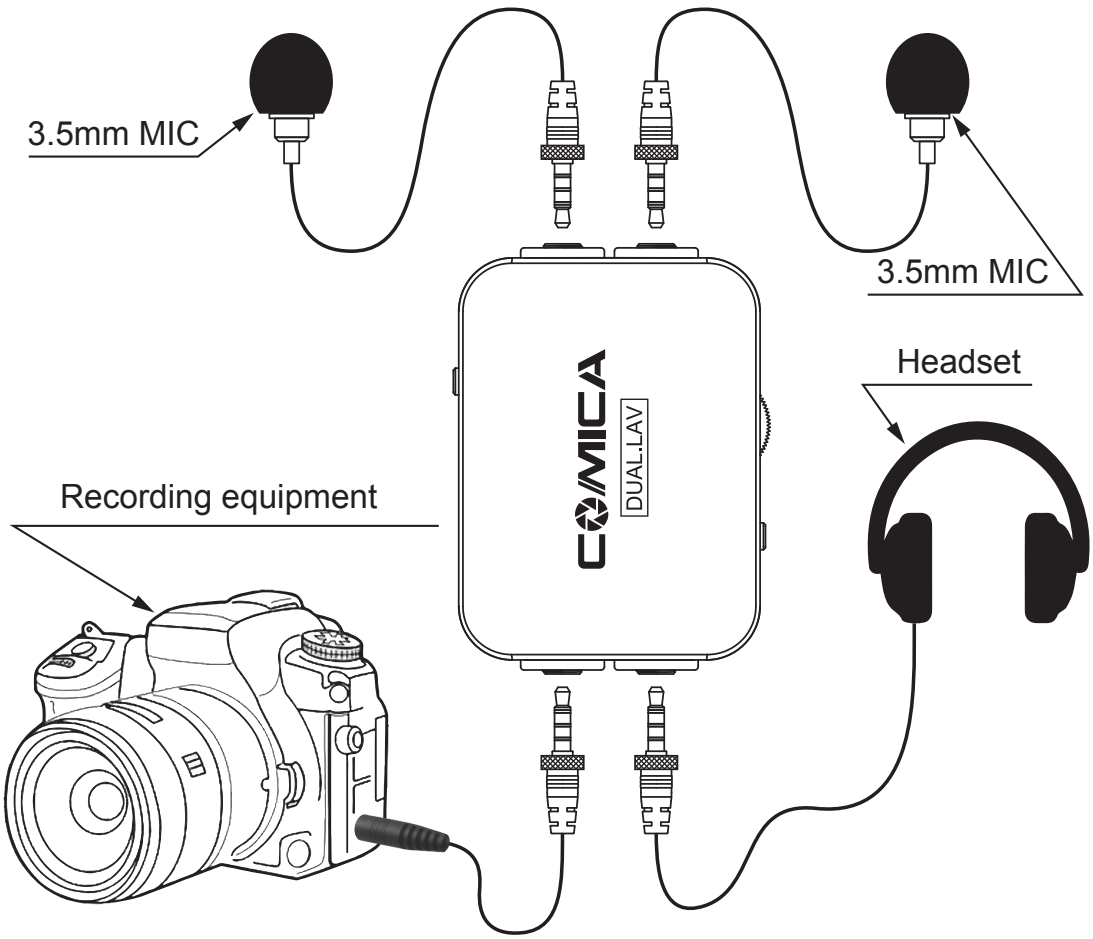
1.1 Turn on the power switch;



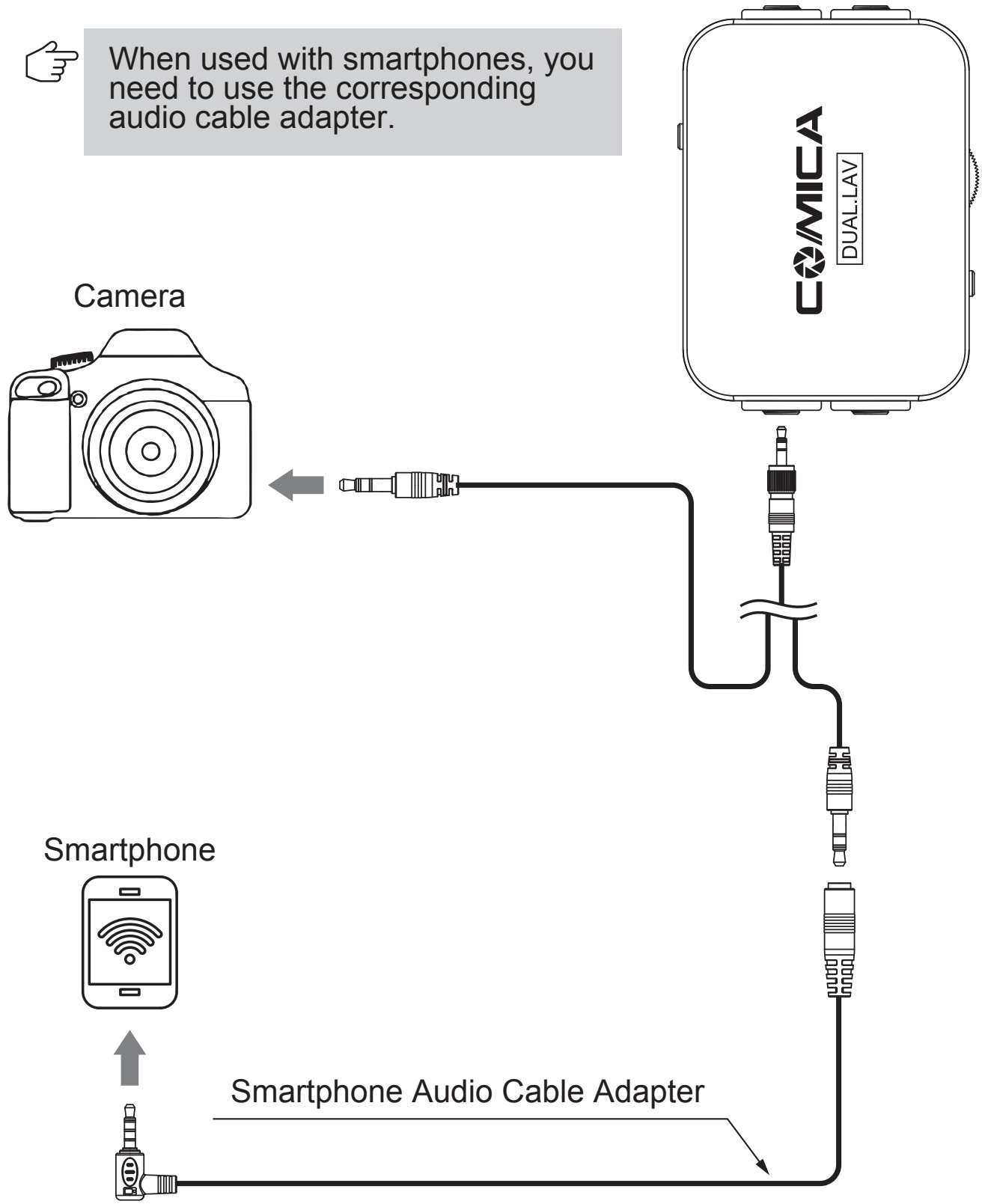
1.2 Connect the 3.5mm MIC input cable to MIC1 and MIC2 input socket respectively;

Connect one end of the 3.5mm Audio output cable to D03, and the other end to the recording equipment, such as smartphone, camera,etc;

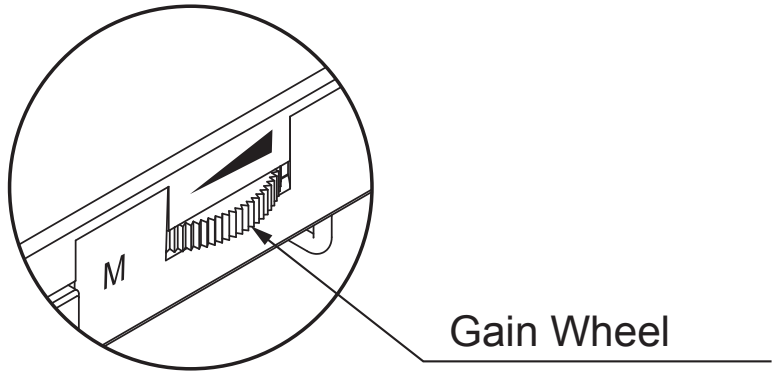
Select whether to access the earphone for monitoring as needed;



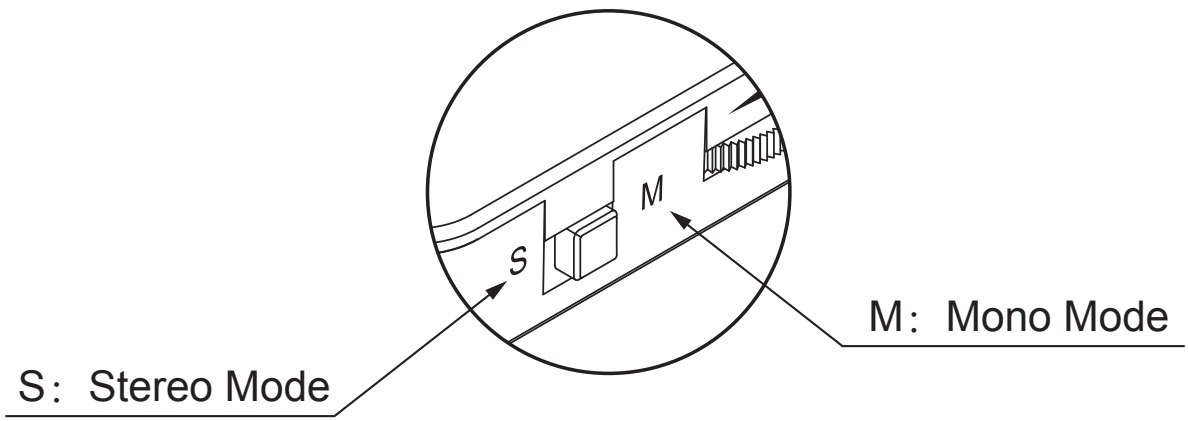
When used with smartphones, you need to use the corresponding audio cable adapter.



1.3 Dial the gain wheel to an appropriate position;



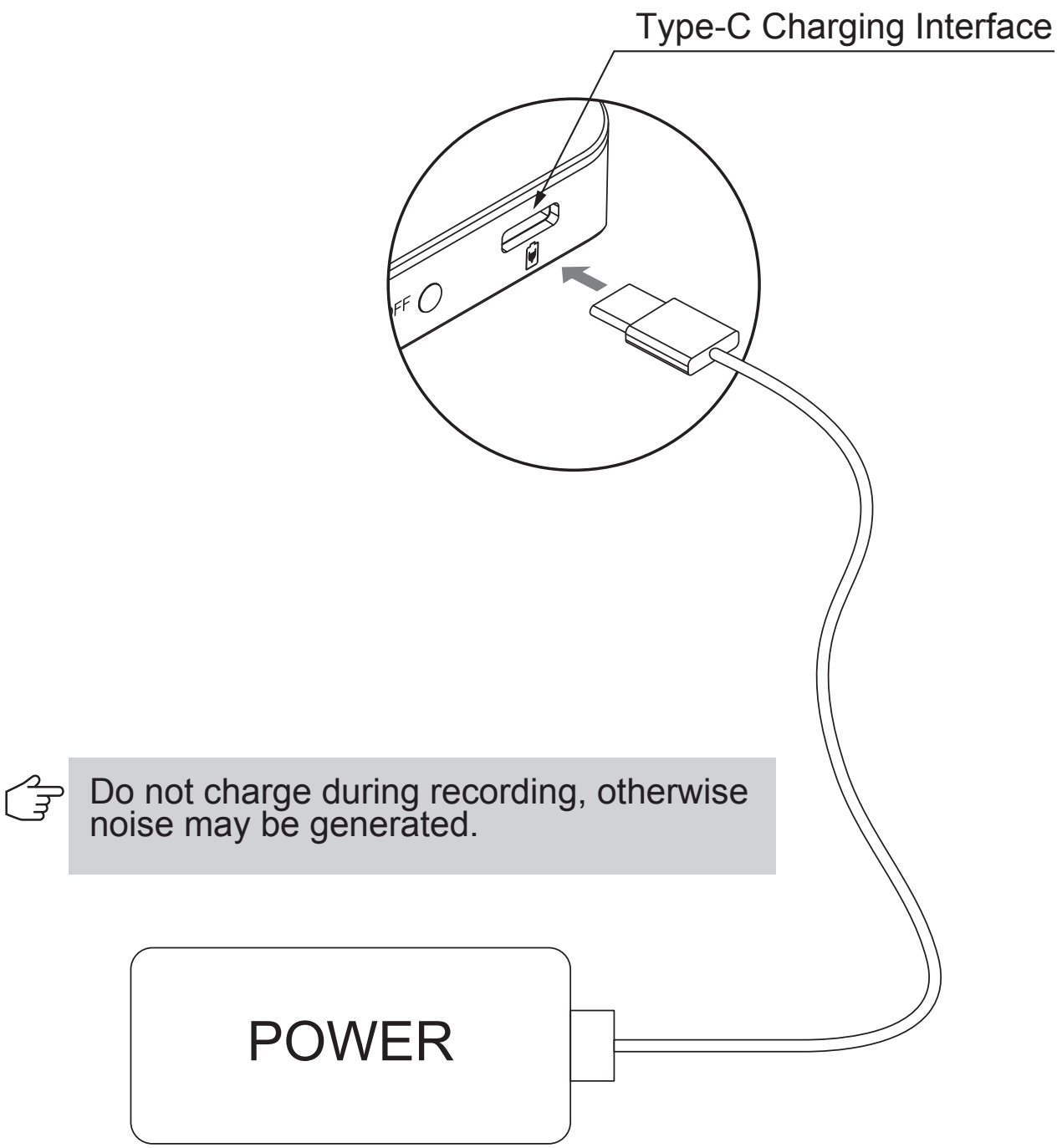
1.4 Audio mode adjustment;



This microphone can also be used for a single MIC, when used as a single MIC, please turn the audio mode to M mode, that is: Mono Mode;

2. Charging

Connect one end of Type-C charging cable to D03, and the other end to the external 5V power supply;



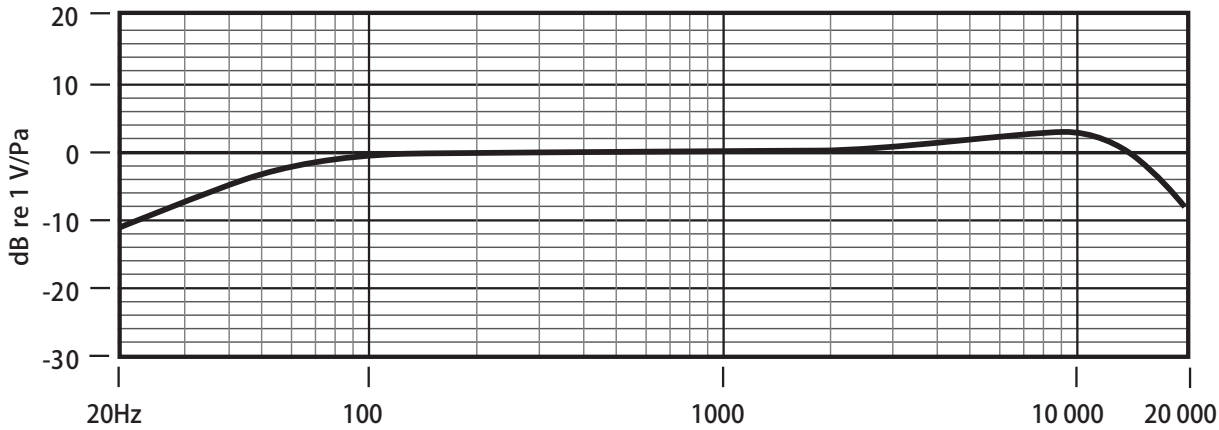
Do not charge during recording, otherwise noise may be generated.

Specification

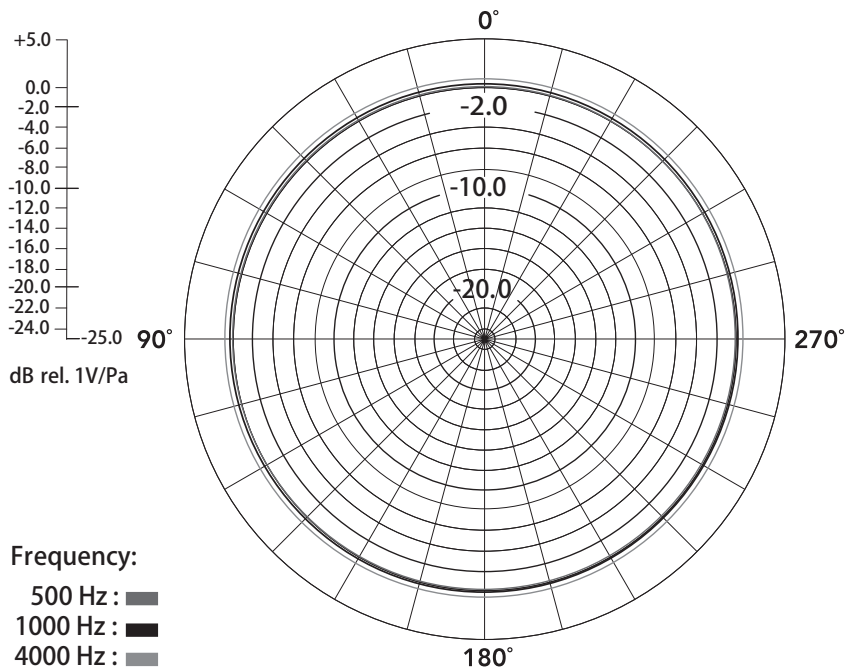
Technical Parameters

Directivity	Omni-directional
Frequency Range	60Hz ~ 18KHz
Sensitivity	-35dB±2dB
Gain Range	Maximum increase+20dB
Maximum SPL	100dB
Signal to Noise Ratio	>65dB
Battery Life	>100 Hours
THD	<0.2%
Battery	Polymer Lithium Battery3.7V 400mAh
Charging power supply	5V / 0.5A
Net weight	45g
Dimensions	60 x 45 x 19mm

Frequency Response:



Polar Pattern :



COMICA

PROFESSIONAL AUDIO EQUIPMENT

DUAL.LAV-D03

多功能双头可拆卸式麦克风

使用手册

前言

感谢您购买COMICA/科唛 DUAL.LAV-D03 多功能电控版领夹式双咪麦克风;

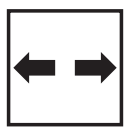
D03内置多功能电路，在传统双咪麦克风的基础上加入‘增益可调’、‘立体声/单声道模式选择’、‘实时监听’等功能；并完美针对‘控制板和线材’进行分离设计，方便收纳；此款多功能灵活双咪领夹麦是您进行户外或室内影像录制的极佳选择;

为保证产品的安全，请在使用前严格阅读本说明书，并正确组装及操作。

产品主要功能

. 双咪头双音源拾音;
. 机身咪头可分离便于收纳;
. 无级增益可调;
. 单声道/立体声 模式切换;
. 实时监听;
. 内置可充电锂电池、超薄机身、可使用充电宝及外接电源充电;
. Type-C充电接口;
. 超强待机时间可达100h以上;
. 金属面板加工，优越屏蔽性能;

无级增益可调


可拆卸设计

双麦拾音

锂电驱动

Type-C
充电接口

单声道/立体声
模式切换

实时监听

注意事项

⚠该麦克风配合Android（安卓）系统的手机使用时，录音模式下均可正常工作，视频模式下部分手机会出现不兼容情况（此时建议使用第三方视频软件，如：抖音，快手等）；
配合iOS系统手机使用时，在所有录音模式、视频模式以及第三方视频软件下均可正常使用；

⚠用作Type-C接口手机或者非3.5mm接口苹果手机时，注意连接对应的转换线方可使用；

⚠D03录音过程中尽量不要充电，否则可能会产生噪音；

⚠用作手机时，请设置为飞行模式以避免干扰；

⚠本产品属于高精密仪器类产品，请避免使用时掉落、碰撞或重击；

⚠请勿将本设备放置在热源或干扰源附近使用，如散热器、烤箱或 冰箱空调旁边；

⚠请在干燥环境中对该产品进行保存；

⚠不要在雨中或潮湿的环境中使用该设备，否则会有短路的危险；

包装清单

1. 电控主体
2. 3.5mm MIC 输入线 x 2pcs
3. 3.5mm 音频输出线
4. Type-C 充电线
5. TRS-TRRS 手机转换线
6. 防风毛x 2pcs
7. 收纳包
8. 说明书
9. 保修卡

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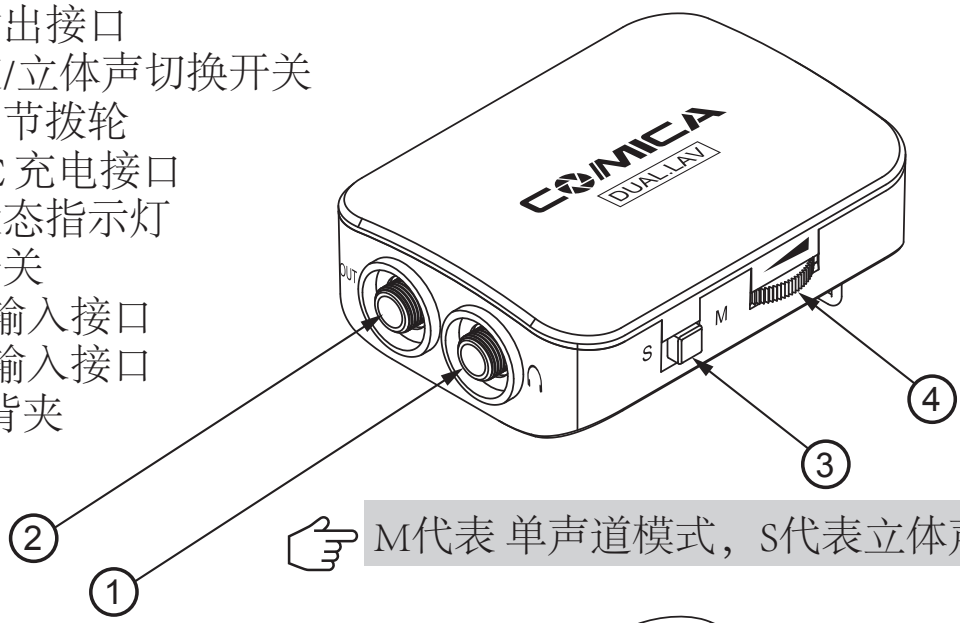
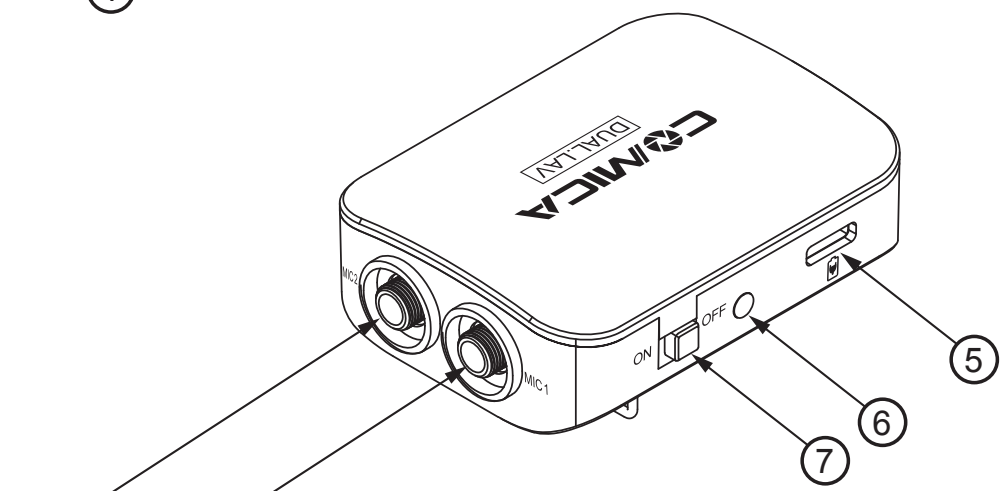
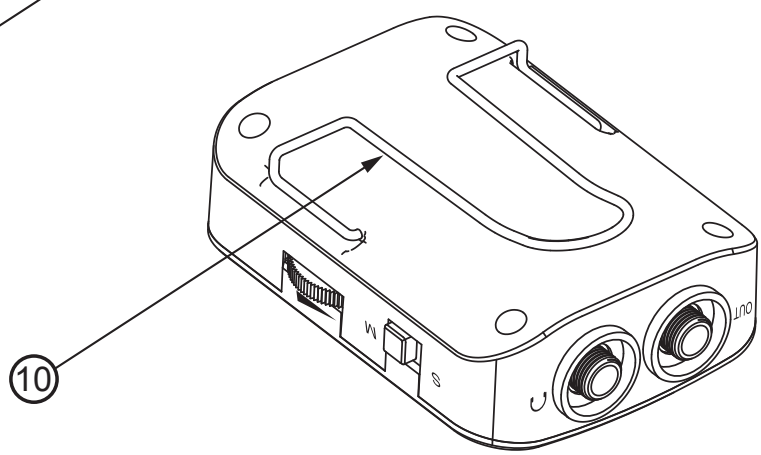
主体部件说明

1. 监听接口
2. 音频输出接口
3. 单声道/立体声切换开关
4. 增益调节拨轮
5. Type-C 充电接口
6. 工作状态指示灯
7. 电源开关
8. MIC2 输入接口
9. MIC1 输入接口
10. 腰带背夹



M代表 单声道模式，S代表立体声模式

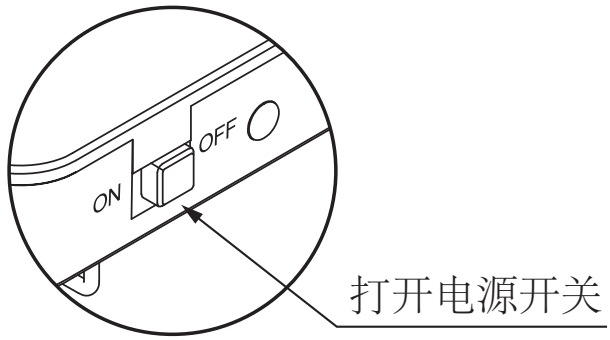




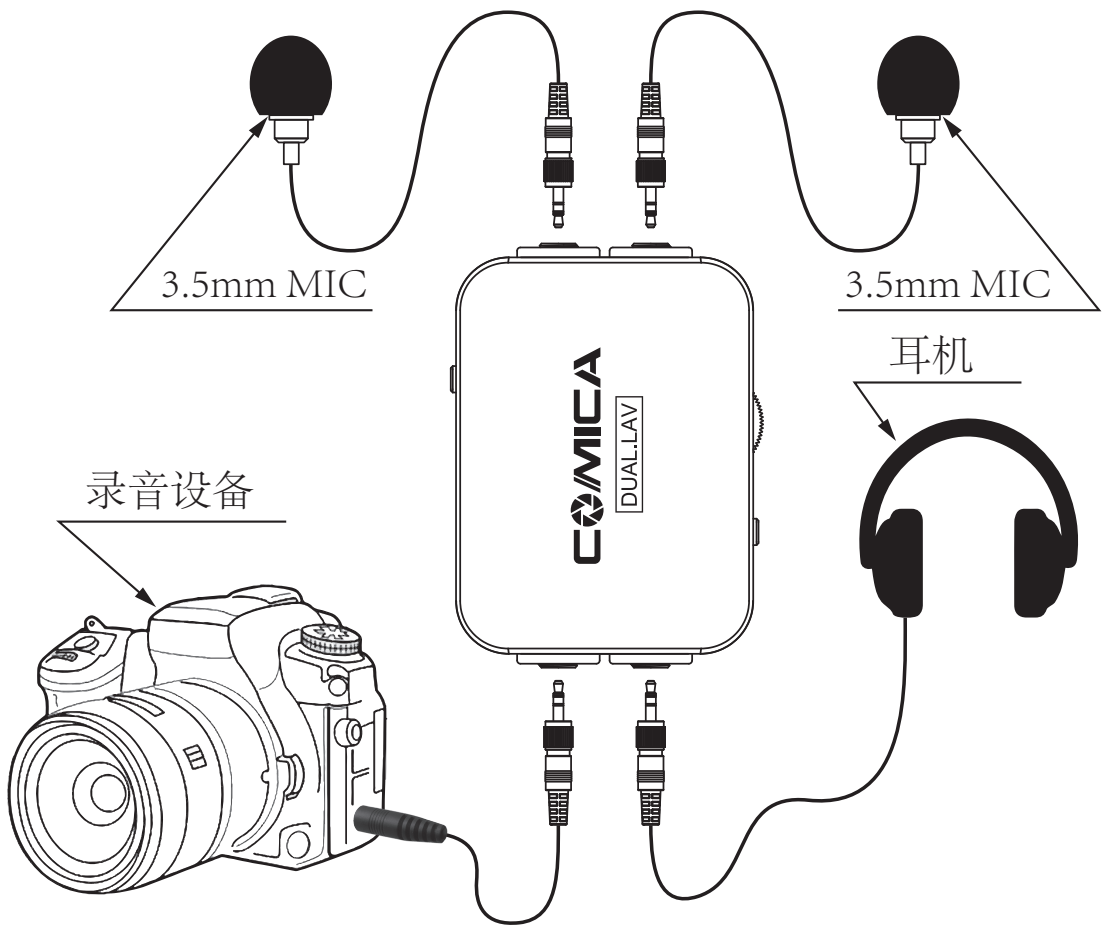
功能与操作

1. 使用

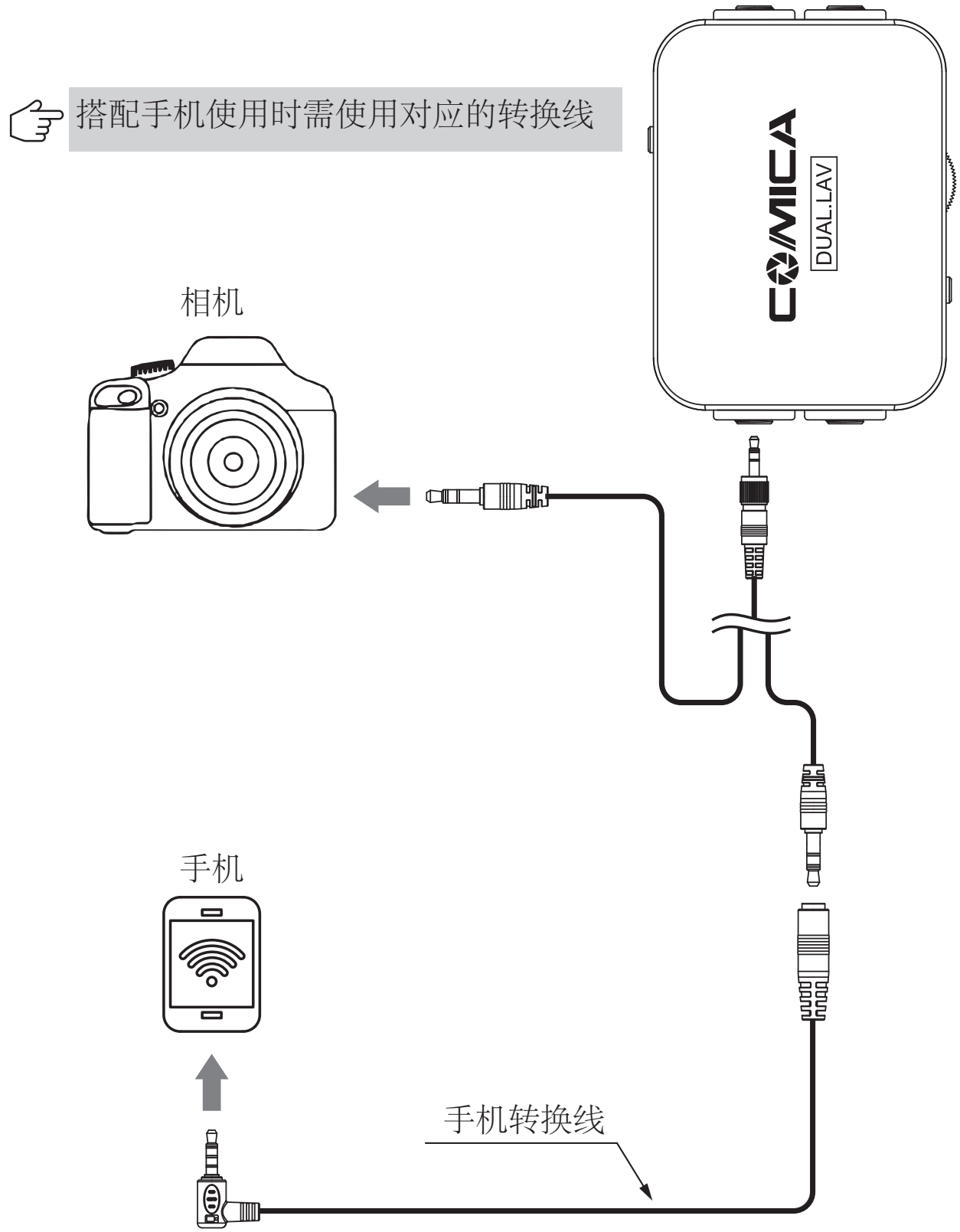
1.1 打开电源开关；



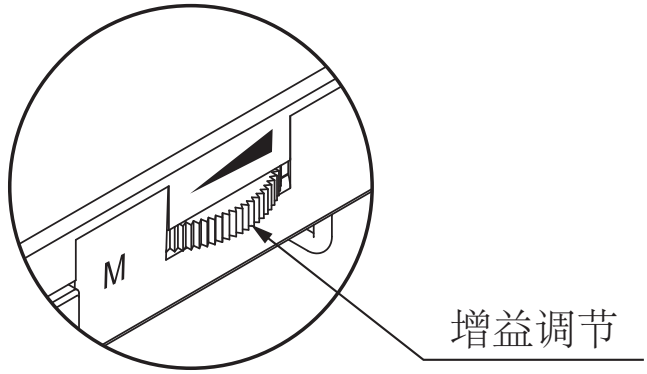
1.2 将3.5mm MIC 输入线分别接入MIC1、MIC2输入接口；
将3.5mm音频输出线一端接入D03，一端接入录音设备:如手机、相机等；
并根据需要选择是否接入耳机进行监听；



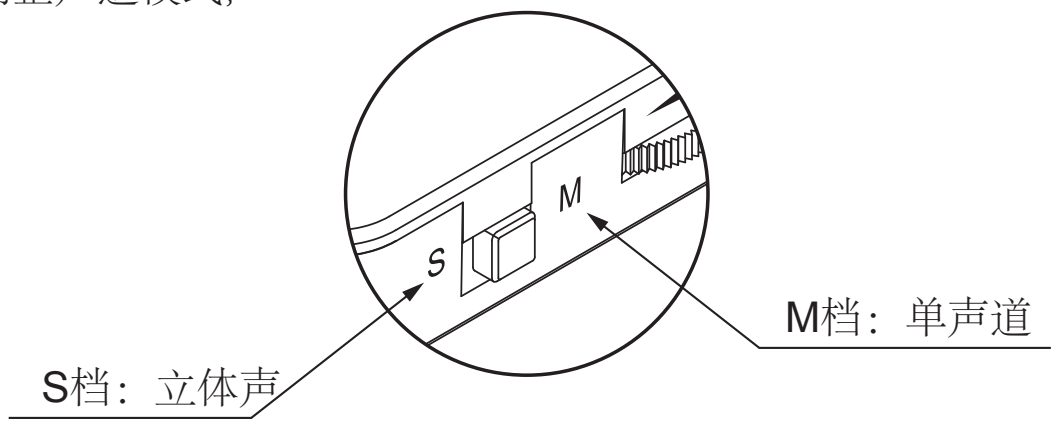
搭配手机使用时需使用对应的转换线



1.3 拨动增益调节拨盘将增益调至合适的位置;



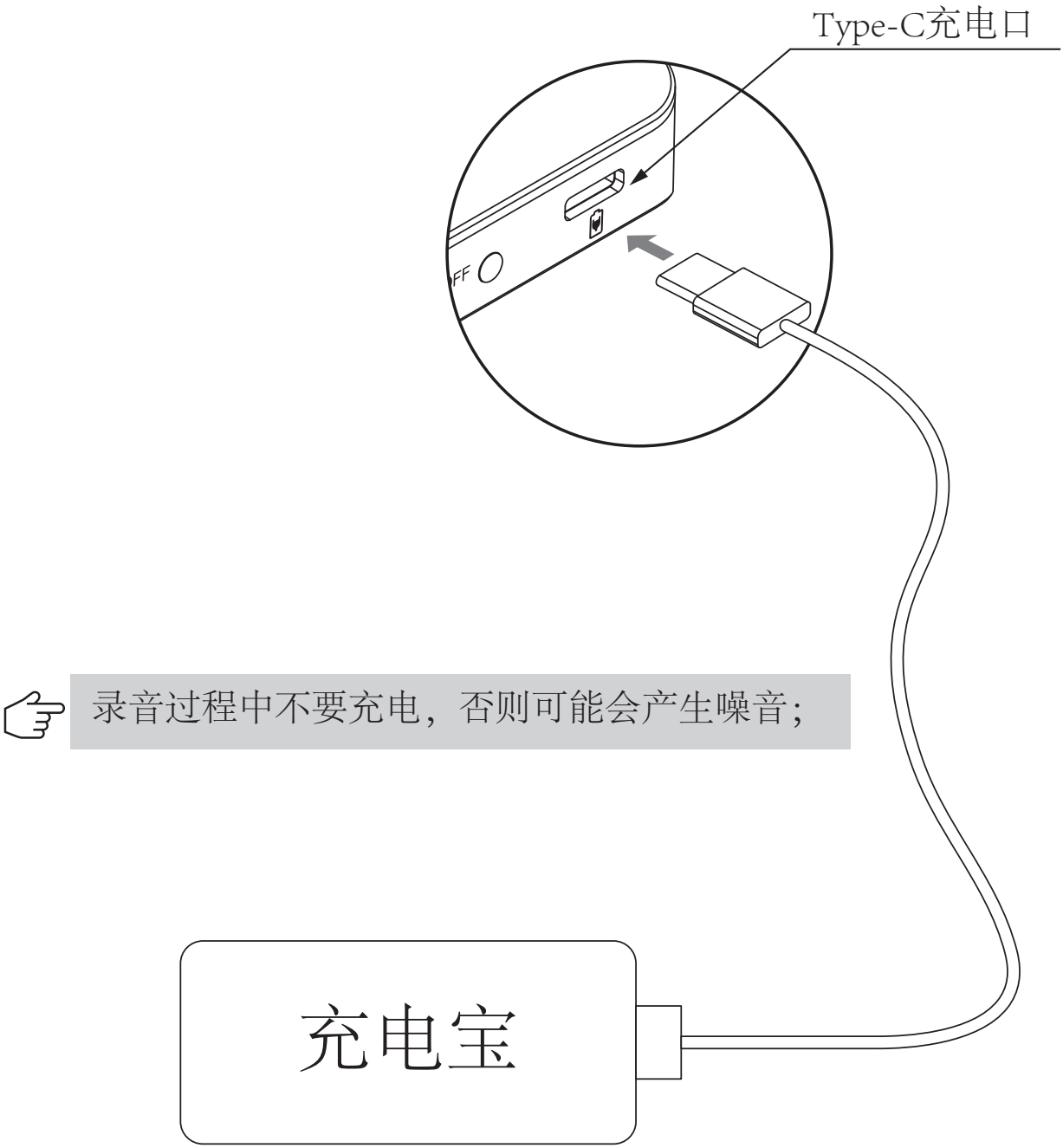
1.4 调整声道模式;



此麦克风也可用于单个MIC 收音，单MIC收音时，请将收音模式切换为M档，即：单声道模式;

2. 充电

将Type-C充电线一端连接至D03，另一端连接至外部5V电源；



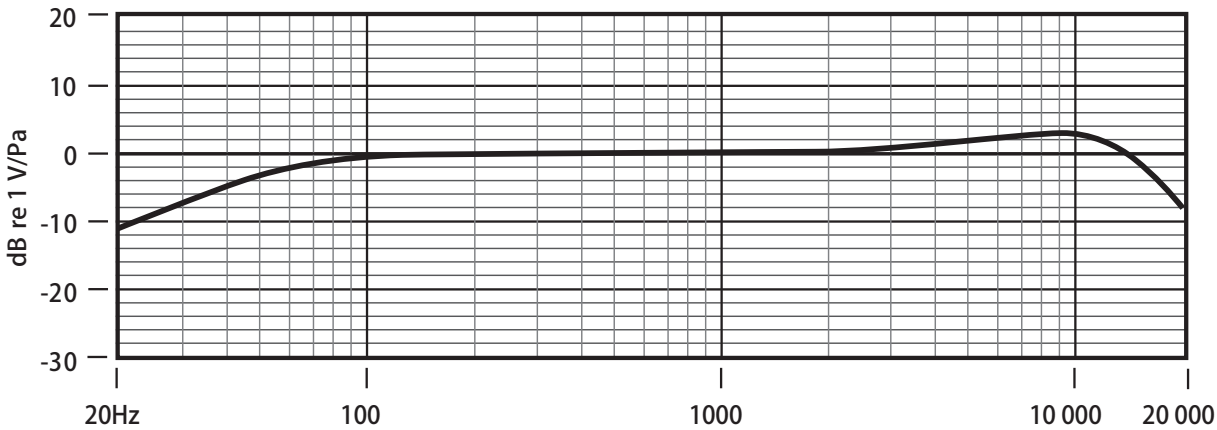
录音过程中不要充电，否则可能会产生噪音；

规格与技术参数

技术参数

指向性	全指向性
频响范围	60Hz ~ 18kHz
咪头灵敏度	-35dB ± 2dB
增益调节	最大增加+20dB
最大SPL	100dB
信噪比	>65dB
电池续航时间	>100小时
总谐波失真THD	＜0.2%
电池	聚合物锂电3.7V 400mAh
充电电源	5V / 0.5A
产品净量	45g
产品尺寸	60 x 45 x 19mm

频率响应：


20
10
0
-10
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-30
dB re 1 V/Pa
20Hz
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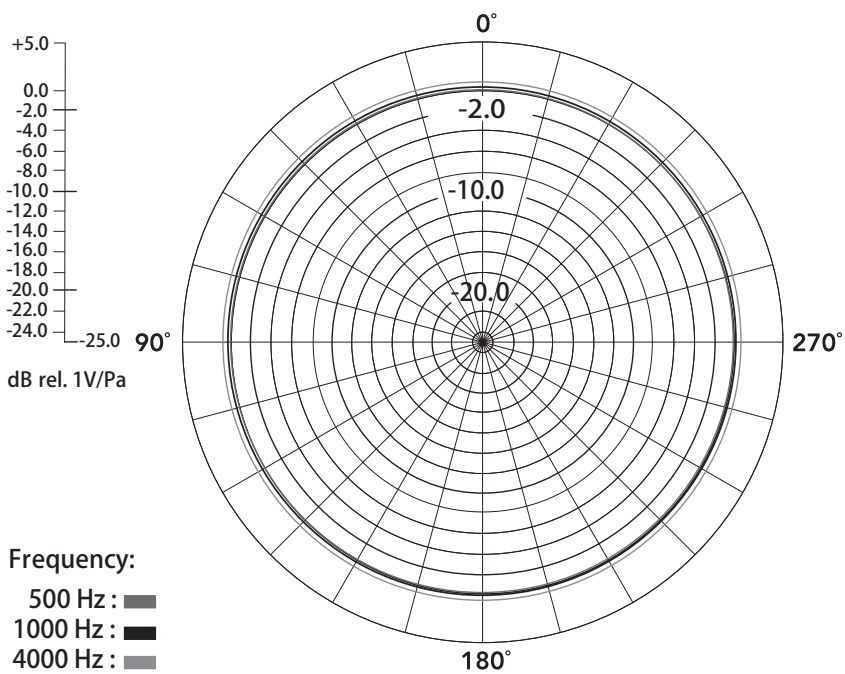
1000
10 000
20 000

指向性图：


+5.0
0.0
-2.0
-4.0
-6.0
-8.0
-10.0
-12.0
-14.0
-16.0
-18.0
-20.0
-22.0
-24.0
-25.0
dB rel. 1V/Pa
0°
90°
270°
180°
-2.0
-10.0
-20.0
Frequency:
500 Hz :
1000 Hz :
4000 Hz :

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