

## **COMICA Comica D10 D**

# **COMICA EJoy D10 D USB/XLR Dynamic Microphone User Manual**

Model: Comica D10 D

## **1. INTRODUCTION**

This user manual provides detailed instructions for the operation and maintenance of your COMICA EJoy D10 D USB/XLR Dynamic Microphone. Designed for high-quality audio capture, this microphone features versatile connectivity, advanced noise reduction, and customizable lighting effects, making it ideal for gaming, streaming, podcasting, and recording across various platforms.



Figure 1: COMICA EJoy D10 D Dynamic Microphone

## 2. PRODUCT OVERVIEW

## 2.1. Package Contents

Verify that all items are present in the package:

- Microphone x 1
- 2 in 1 Audio Cable x 1
- Desktop Mic Stand x 1
- User Manual x 1
- Warranty Card x 1

# EJoy D10 (D)

(Black/White)



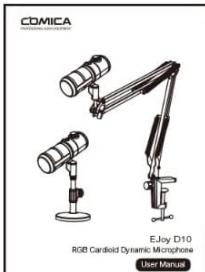
Microphone \*1



2 in 1 Audio Cable \*1



Desktop Mic Stand \*1



User Manual \*1



Warranty Card \*1

Figure 2: Package Contents

## 2.2. Key Features

- **Cardioid Polar Pattern:** Focuses on capturing sound sources directly in front of the microphone, effectively reducing ambient noise.
- **Anti-noise Large Diaphragm Dynamic Mic:** Designed to pick up a wide range of frequencies, delivering rich and delicate sound with clarity even in complex environments.
- **XLR/USB-C Digital/Analog Outputs:** Offers broad compatibility with smartphones, computers, and audio interfaces.
- **48kHz/24bit Recording:** Provides lossless sound quality suitable for high-demand post-production.

- **One-key CalMix Denoise:** Utilizes Comica's audio processing algorithm to precisely identify human voice and filter out redundant noises.
- **4-level Gain Control:** Allows adjustment of microphone input sensitivity.
- **Real-time Monitoring:** Integrated 3.5mm headphone jack for direct audio monitoring.
- **Dynamic Radiant RGB Light:** Features 6 optional lighting effects to enhance live stream atmosphere.
- **3 EQ Modes:** Customizable equalization settings (Deep, Nature, Bright) to adapt to different recording styles.

## 2.3. Microphone Components

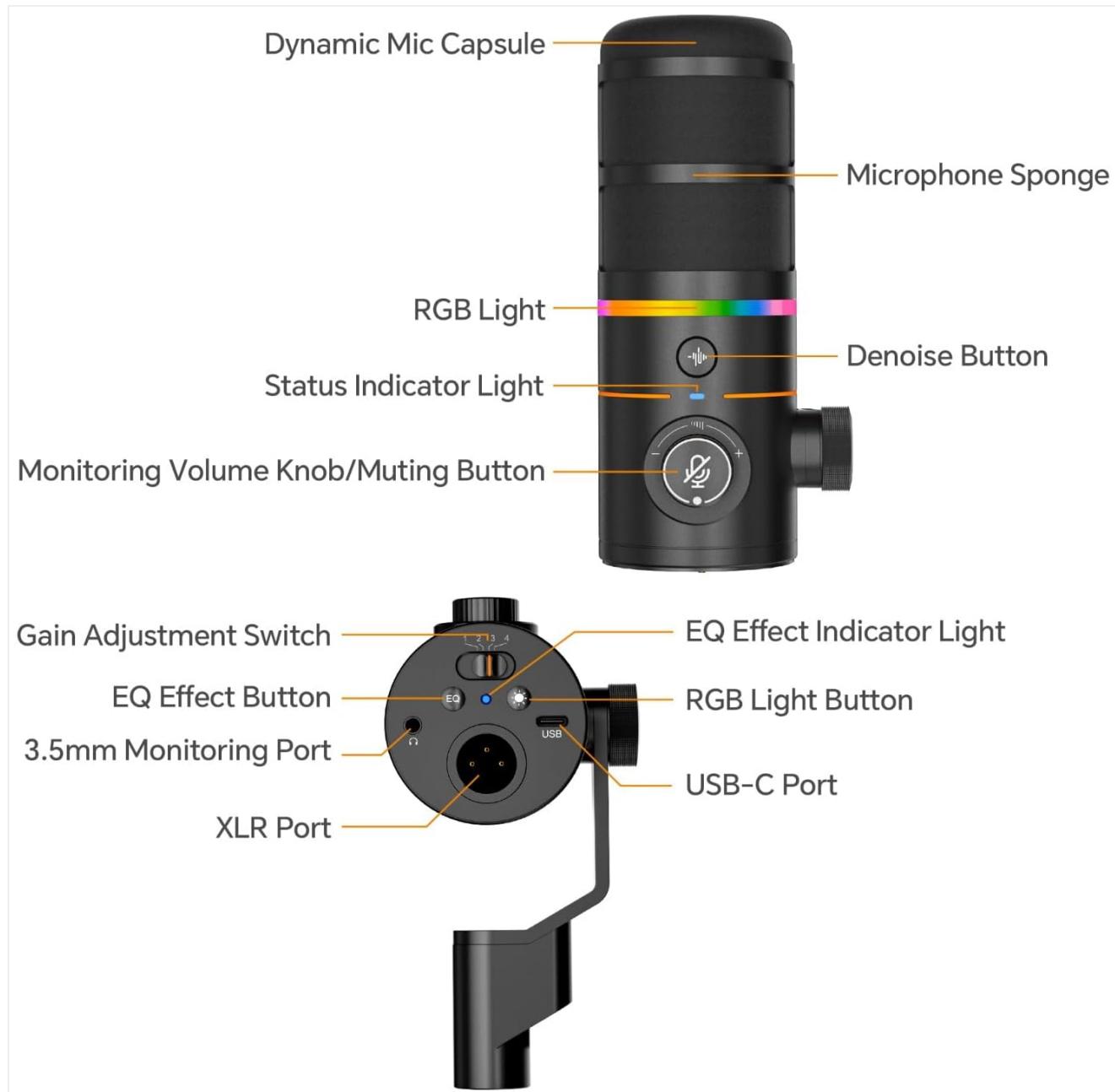


Figure 3: Microphone Component Diagram

## 3. SETUP

The COMICA EJoy D10 D microphone offers flexible connectivity options for various devices.

### 3.1. Connecting to a Computer (USB-C)

1. Connect the USB-C end of the provided 2-in-1 audio cable to the USB-C port on the microphone.

2. Connect the USB-A or USB-C end of the cable to an available USB port on your computer (PC or Mac).
3. The microphone should be automatically recognized by your operating system.
4. Select "COMICA EJoy D10 D" as your input device in your computer's sound settings or recording software.

### 3.2. Connecting to an Audio Interface/Mixer (XLR)

1. Connect a standard XLR cable (not included) to the XLR port on the microphone.
2. Connect the other end of the XLR cable to an XLR input on your audio interface or mixer.
3. Ensure your audio interface or mixer is properly configured and powered.
4. Adjust gain levels on your audio interface/mixer as needed.

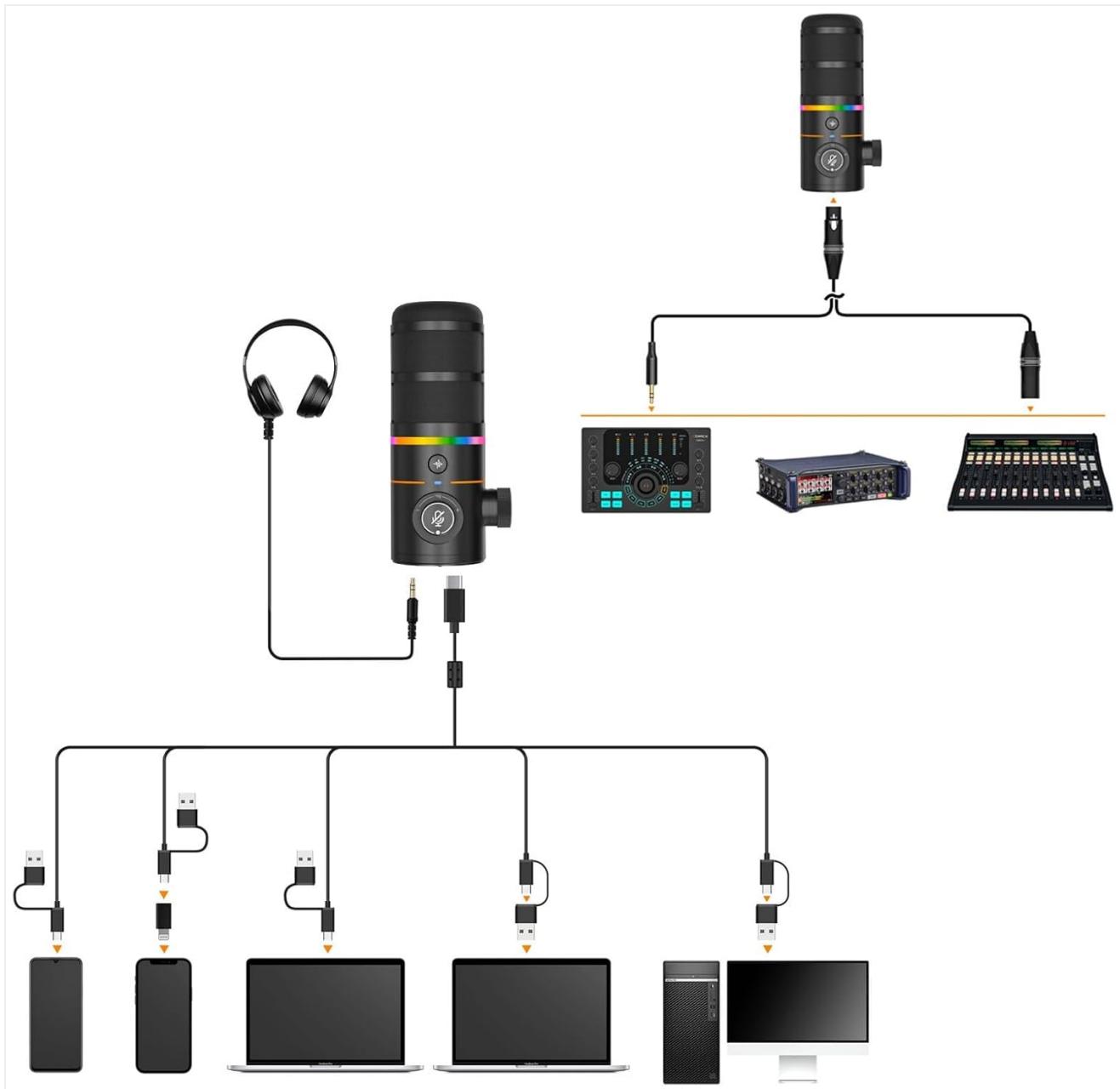


Figure 4: Connectivity Options

## 4. OPERATING INSTRUCTIONS

### 4.1. Gain Adjustment

The microphone features a 4-level gain adjustment switch. Move the switch to the left or right to select the desired gain level (1-4) to optimize your audio input.

## Support 4-level Gain Control and Real-time Monitoring

Move the switch to the left or right to adjust four mic gain levels. Plug in a 3.5mm headphone to monitor the mic in real-time.



### XLR/USB-C Digital/Analog Outputs, Wide Compatibility

The mic supports USB-C digital output and XLR analog output, which is widely compatible with smartphone, computer, audio interface,etc. It can meet the needs of multiple scenarios such as podcasting, gaming, streaming, recording, etc.



XLR Digital Output



USB-C Analog Output

Figure 5: Adjusting Gain Control

## 4.2. Real-time Monitoring

Plug your 3.5mm headphones into the 3.5mm monitoring port on the microphone to listen to your audio input in real-time without latency.

## 4.3. Monitoring Volume Adjustment and Muting

Rotate the Monitoring Volume Knob to increase or decrease the monitoring volume. In case of emergency or to temporarily silence the microphone, use the one-click muting function by pressing the knob.

## Support 4-level Gain Control and Real-time Monitoring

Move the switch to the left or right to adjust four mic gain levels. Plug in a 3.5mm headphone to monitor the mic in real-time.



## XLR/USB-C Digital/Analog Outputs, Wide Compatibility

The mic supports USB-C digital output and XLR analog output, which is widely compatible with smartphone, computer, audio interface,etc. It can meet the needs of multiple scenarios such as podcasting, gaming, streaming, recording, etc.



XLR Digital Output



USB-C Analog Output

Figure 6: Monitoring Volume and Mute Control

### 4.4. CalMix Denoise Function

Press the Denoise Button to activate or deactivate the CalMix Denoise function. This feature uses an advanced audio processing algorithm to reduce background noise and enhance vocal clarity.

## Cardioid Polar Pattern, Anti-noise Large Diaphragm Dynamic Mic

The cardioid polar design focuses on capturing the sound sources in front of the mic and reducing noises from other directions. The large diaphragm dynamic mic capsule picks up a wide range of sound frequencies, presenting a rich and delicate sound. The clarity of output audio can be ensured in complicated environments.



## 48kHz/24bit Recording, Built-in Sound Card, One-key Calmix® Denoise

48kHz high sampling rate and 24-bit depth provide lossless sound and meet the high demands in post-production. The built-in sound card adjusts the audio to make it balanced and full. The CalMix® audio processing algorithm developed by Comica can identify the vocal voice precisely and filter out redundant noises.



Figure 7: CalMix Denoise Feature

### 4.5. RGB Lighting Effects

Short press the RGB Light Button to cycle through 6 optional dynamic radiant RGB light effects: Audio Dynamic, Comica Orange, Sea Wave, Colorful Breathing Light, RGB Slow Wave, and Rotating Rainbow. These effects can enhance your streaming or gaming setup.

## Dynamic Radiant RGB Light with 6 Optional Effects

Short press to adjust audio dynamic/comica orange/ sea wave/colorful breathing light/RGB slow wave/rotating rainbow six RGB light effects. The vibrant RGB lights ignite an incredible atmosphere for scenarios like gaming and streaming.



### Boom Arm and Desktop Stand Optional, Flexible Extension

The all-metal boom arm can support up to 1.5KG and can be adjusted to all directions to meet different recording needs. The desktop stand is stable without shaking after long-term use.



Figure 8: RGB Lighting Effects

### 4.6. EQ Modes

Long press the EQ Effect Button to turn the EQ effect on or off. Short press to switch between three EQ effects: Deep, Nature, or Bright. These modes allow for customized audio adjustment to suit different recording styles.

## Support Step-less Monitoring Volume Adjustment and Muting

Just rotate the knob to + or - direction to increase or decrease the monitoring volume. In case of emergency, you can use the one-click muting function to avoid recording unnecessary sounds.



## Support 3 EQ Modes for Customized Adjustment

Long press to turn EQ effect on or off, short press to switch deep, nature or bright three kinds of EQ effects. The recording style can be changed freely, bringing you different gaming and streaming experiences.



Figure 9: EQ Modes for Customized Adjustment

## 5. MAINTENANCE

- Keep the microphone clean by wiping it with a soft, dry cloth.
- Avoid exposing the microphone to extreme temperatures, humidity, or direct sunlight.
- Store the microphone in a dry, dust-free environment when not in use.
- Do not use harsh chemicals or abrasive cleaners on the microphone.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Incorrect input selection; Loose cable connection; Low gain setting	Ensure "COMICA EJoy D10 D" is selected as input; Check all cable connections; Increase microphone gain.

Problem	Possible Cause	Solution
Audio is distorted or too loud	Gain setting too high; Proximity to sound source	Decrease microphone gain; Move microphone further from sound source.
Background noise present	Denoise function off; Environmental noise	Activate CalMix Denoise; Reduce ambient noise in recording environment.
RGB lights not working	RGB light function off	Press the RGB Light Button to activate or cycle effects.

## 7. SPECIFICATIONS

Feature	Detail
Brand	COMICA
Model	Comica D10 D
Connectivity Technology	USB, XLR
Connector Type	XLR, USB-C
Compatible Devices	Personal Computer, Gaming Console
Polar Pattern	Unidirectional (Cardioid)
Power Source	corded electric
Signal-to-Noise Ratio	72 dB
Frequency Response	55 Hz (Lower limit, typical for dynamic mics)
Product Dimensions	10.63 x 9.06 x 3.54 inches
Item Weight	2.42 pounds (1.1 Kilograms)
Color	Black

## 8. SAFETY WARNINGS

- Do not place the product near fire or flammable gases.
- Do not use in rain or humid environments.
- Keep the product out of reach of children.
- Do not disassemble at will. If repair is required, the product must be sent to an authorized repair center.

#### **⚠ Warning :**

- Do not place the product near fire or flammable gases.
- Do not use in rain or humid environments.
- Keep the product out of reach of children.
- Do not disassemble at will. If repair is required, the product must be sent to an authorized repair center.

#### **⚠ Warnung:**

- Stellen Sie das Produkt nicht in die Nähe von Feuer oder entflammbaren Gasen.
- Verwenden Sie es nicht bei Regen oder in feuchter Umgebung.
- Bewahren Sie das Produkt außerhalb der Reichweite von Kindern auf.
- Zerlegen Sie es nicht willkürlich. Wenn eine Reparatur erforderlich ist, muss das Produkt an ein autorisiertes Reparaturzentrum geschickt werden.

#### **⚠ Avertissement :**

- Ne pas placer le produit à proximité d'un feu ou de gaz inflammables.
- Ne pas utiliser sous la pluie ou dans des environnements humides.
- Conserver le produit hors de portée des enfants.
- Ne pas démonter à volonté. Si une réparation est nécessaire, le produit doit être envoyé à un centre de réparation agréé.

#### **⚠ Attenzione:**

- Non posizionare il prodotto vicino a fuoco o gas infiammabili.
- Non utilizzare sotto la pioggia o in ambienti umidi.
- Tenere il prodotto fuori dalla portata dei bambini.
- Non smontare a piacimento. Se è necessaria una riparazione, il prodotto deve essere inviato a un centro di riparazione autorizzato.

#### **⚠ Advertencia:**

- No coloque el producto cerca del fuego o de gases inflamables.
- No lo utilice bajo la lluvia o en ambientes húmedos.
- Mantenga el producto fuera del alcance de los niños.
- No lo desarme a voluntad. Si es necesario repararlo, debe enviar el producto a un centro de reparación autorizado.

#### **⚠ Waarschuwing:**

- Plaats het product niet in de buurt van vuur of ontvlambare gassen.
- Gebruik het niet in regen of vochtige omgevingen.
- Houd het product buiten bereik van kinderen.
- Niet naar believen demonteren. Als reparatie vereist is, moet het product naar een geautoriseerd reparatiecentrum worden gestuurd.

#### **⚠ Ostrzeżenie:**

- Nie umieszczaj produktu w pobliżu ognia lub gazów łatwopalnych.
- Nie używaj w deszczu lub wilgotnym środowisku.
- Przechowuj produkt poza zasięgiem dzieci.
- Nie rozmontuj go według własnego uznania. Jeśli konieczna jest naprawa, produkt musi zostać wysłany do autoryzowanego punktu napraw.

#### **⚠ Varning:**

- Placerade produkten nära eld eller brandfarliga gaser.
- Använd inte i regn eller fuktiga miljöer.
- Förvara produkten utom räckhåll för barn.
- Plocka inte isär när du vill. Om reparation krävs måste produkten skickas till ett auktoriserat reparationscenter.

Figure 10: Safety Warnings

## **9. WARRANTY AND SUPPORT**

This product comes with a warranty as detailed in the included Warranty Card. For technical support, service, or warranty claims, please contact COMICA customer service through their official channels or the retailer from whom you purchased the product. Protection plans may also be available for extended coverage.

Manufacturer: Comica

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