

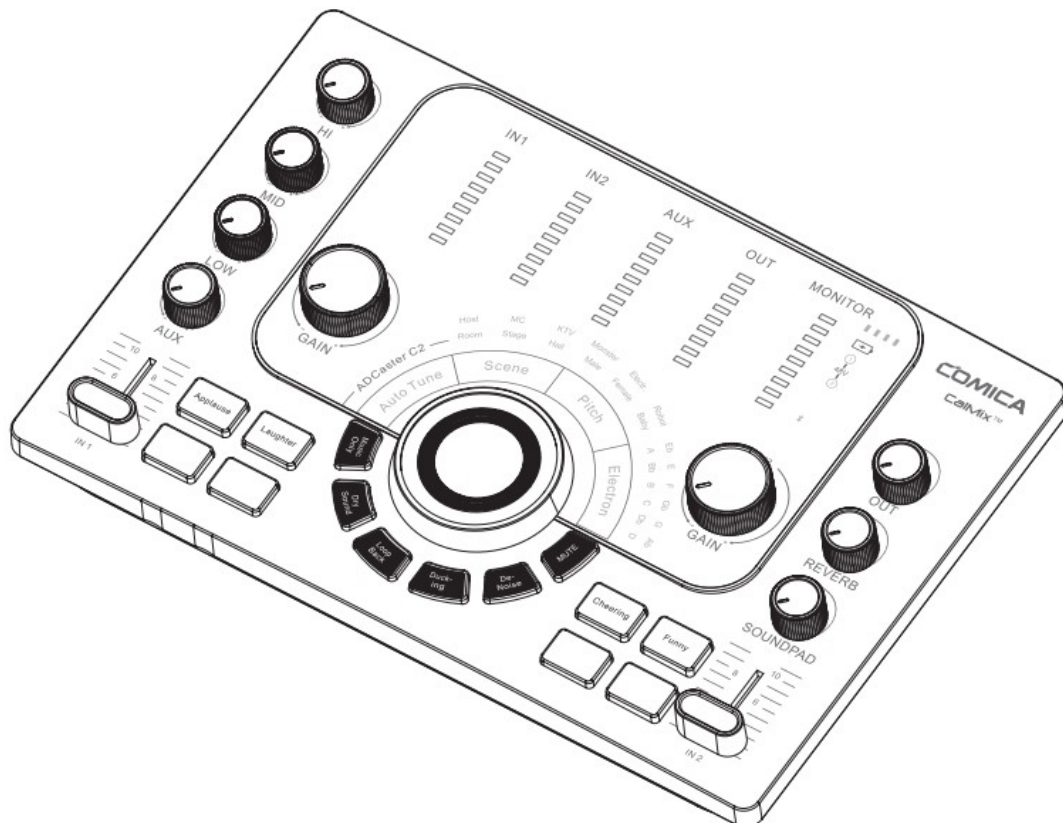


## COMICA 100 ADCaster C2 Audio Interface Instruction Manual

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**COMICA**  
PROFESSIONAL AUDIO EQUIPMENT

### 100 ADCaster C2 Audio Interface Instruction Manual



#### **ADCast C2**

Streaming/Podcasting/Recording Multi-functional Audio Interface

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## Foreword

Thank you for purchasing COMICA Streaming/Podcasting/Recording Multi-functional Audio Interface ADCaster C2  
Main Features

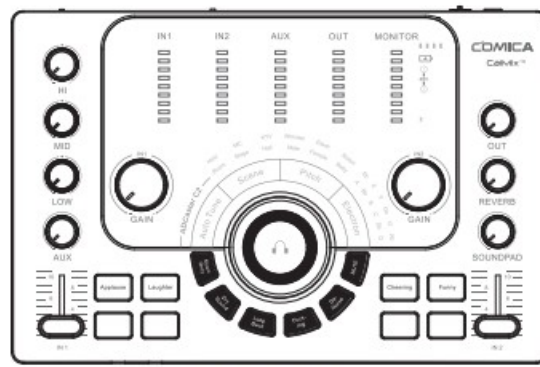
- 48kHz/24bit Record, Broadcasting-level Sound Quality
- Integrated XLR/6.35mm/3.5mm Interface, Support 48V Mic and Instrument Input
- Multiple I/O Interfaces to Connect Phone, Tablet, and Computer
- Built-in Bluetooth 5.3 Chipset with Stable Transmission and Low Latency
- Revolutionary CalMix  
Denoise Algorithm, Support One-click Denoise
- Support Individual Input Gain, Output Gain, and Monitor Volume Control
- Adjustable High/Mid/Low Tone, Reverb Depth, and Sound Pad Volume
- Support Auto-tune, 6 Scene Reverb, 6 Pitch Changers, and 12-step Electronic Sounds
- 8 Sound Pads to Create Live Streaming and Podcasting Atmosphere
- Support Music Only/Dry Sound/Loopback/Ducking/Mute Function
- Support Real-time Monitoring and Audio Dynamic Monitor
- Operating Time Up to 6 Hours, Support Charging While Using

## Notice

- When working with other highly sensitive products, it is recommended to adjust the gain of ADCaster C2 to the minimum before turning it on.
- Users can then adjust the gain step by step to avoid sound peak or audio feedback
- When connecting to mics that do not require 48V phantom power, please turn off 48V phantom power to avoid damage to the mics
- Before connecting/disconnecting the microphones, please turn off the 48V phantom power to avoid damage to the devices
- Please read this user manual thoroughly before using the product, and keep it for future reference
- Please do not expose the product to rain or moisture, and avoid spilling water or other liquids on it
- Please do not use or store the product near radiators, stoves, or other heat-producing appliances
- This product is of high-precision, please prevent it from dropping or colliding

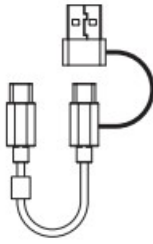
## Packing List

### Main Part:

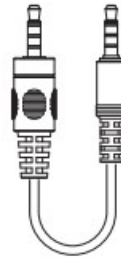


ADCaster C2

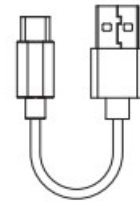
#### Accessories:



2 in 1 Audio Cable



3.5mm TRRS-TRRS Audio Cable x2



Charging Cable

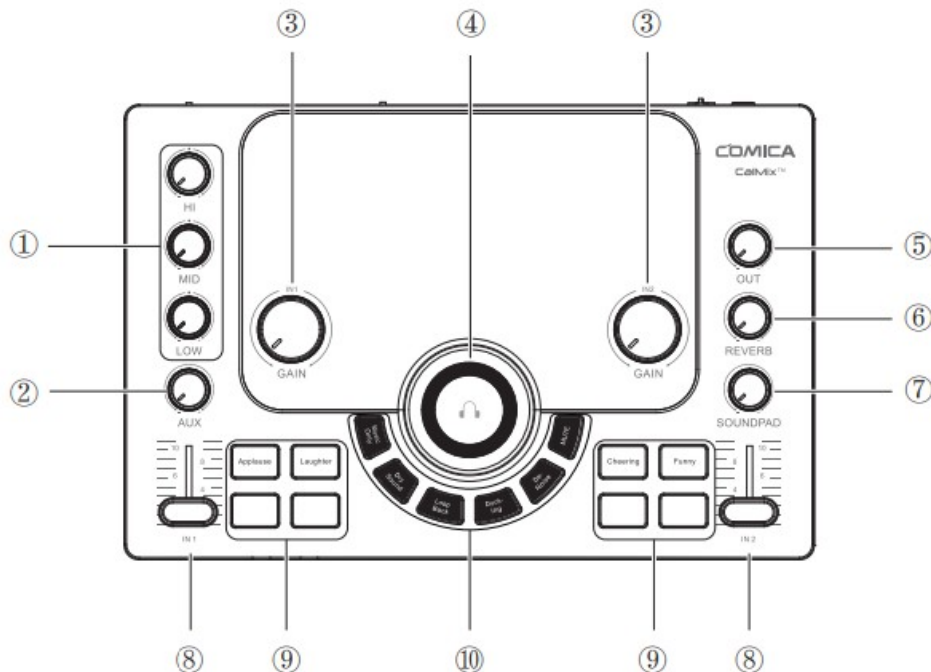


User Manual



Warranty Card

#### Components and Instruction



##### 1. HI/MID/LOW Knob

Reduce/strengthen the high/mid/low pitch of the audio input through IN1/2; turning to the midpoint keeps the

original sound; turn counterclockwise to reduce and turn clockwise to strengthen the pitch

2. AUX Knob

Adjust the volume of audio signals input from Bluetooth, AUX, and USB-C ports

3. GAIN Knob1/2

Adjust the gain of IN1/2

4. Monitor Knob

Adjust the monitor volume

5. OUT Knob

Adjust the total output gain

6. REVERB Knob

Adjust the reverb depth of vocal signals input from IN1/2

7. SOUNDPAD Knob

Adjust the volume of the 8 sound pads

8. IN1/2 Push Button

Push up/down to adjust the volume of IN1/2

9. Sound Pads

8 sound pads, including 4 preset audio effects (applause/laughter/cheering/funny) and 4 custom audio effects.

Short press to turn on/off audio effects and the indicator turns on/off

9.1 How to set customized audio effects: Long press to start recording and the indicator blinks; short press to stop recording. The longest recording time is 15 seconds and the recording will stop automatically when time is up. Short press the button again to repeat the audio recorded and the previous audio will be overwritten after re-recording



Customized audio effect has not been recorded by default

10. Function Buttons

Short touch to turn on/off a function and the light will turn on/off Music Only:

Remove the vocals in the background music and reserve the music part

Dry Sound:

Turn off all audio effects temporarily and output only the dry sound recorded by the microphone

Loopback:

The audio input from the USB-C port can be recorded and output to the computer via USB-C port. After turning the function off, the audio input from USB-C port can be monitored, but cannot be output to the computer via USB-C port

Ducking:

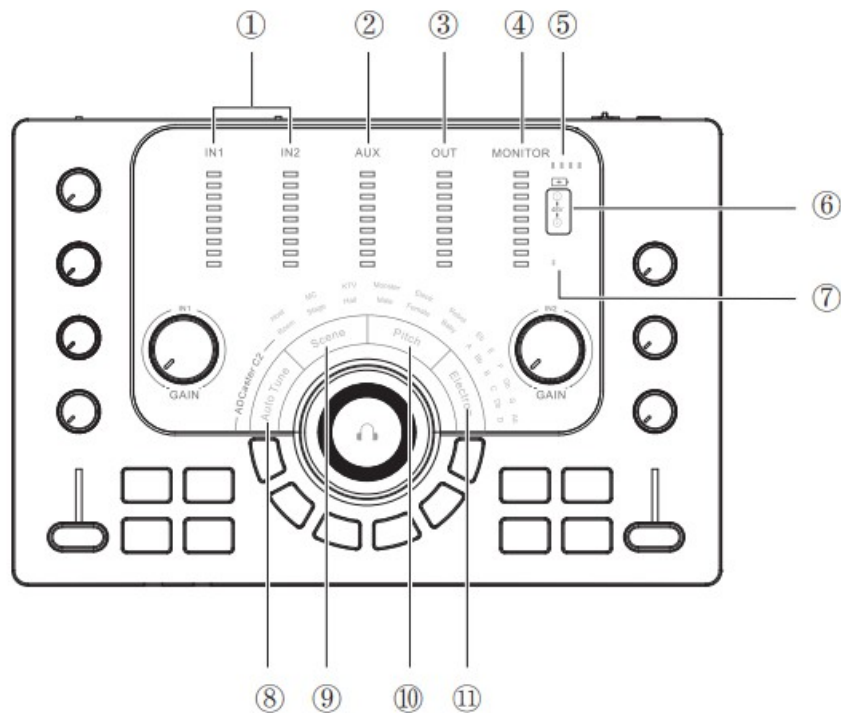
Lower the volume of background music to highlight vocals

Denoise:

Filter the background noise of mic1/2

MUTE:

Mute the output audio from IN1/2



#### 1. IN1/2 Audio Dynamic Bar

Shows the input level of IN1/2

#### 2. AUX Audio Dynamic Bar

Shows background music volume level

#### 3. OUT Audio Dynamic Bar

Shows the total output volume level

#### 4. MONITOR Audio Dynamic Bar

Shows the monitor volume level



Each audio dynamic bar contains 9 lights. 6 cyan at the bottom, 2 yellow in the middle and one red on the top. The more lights glow, the higher the level is

#### 5. Power Status Indicator Lights

Show the interface's power and charging status

##### 5.1 Battery life:

four lights on	three lights on	two lights on	one light on	the first light blinks
80%-100%	60%-80%	40%-60%	20%-40%	20%

5.2 Four lights blink in sequence while charging. When the battery life is higher than 20%, the first light glows, the last three blink in sequence, and so on

#### 6. 48V Indicator Light1/2

Shows blue when 48V phantom power of IN1/2 is on

#### 7. Bluetooth Indicator Light

Blinks when the Bluetooth is on and not connected. Glows when the Bluetooth is connected

## 8. Auto Tune

Short touch to turn on/off Auto Tune. When it is on, the light glows and the ADCaster C2 will slightly fix the off-pitch notes in vocal performance of mic1/2

## 9. Scene Reverb

Short touch to turn on Scene Reverb and switch Room/Stage/Hall/Host/MC/ KTV scene reverb and the corresponding light glows. When switch to KTV, short touch again to turn off Scene Reverb. Long touch can also turn it off

## 10. Pitch

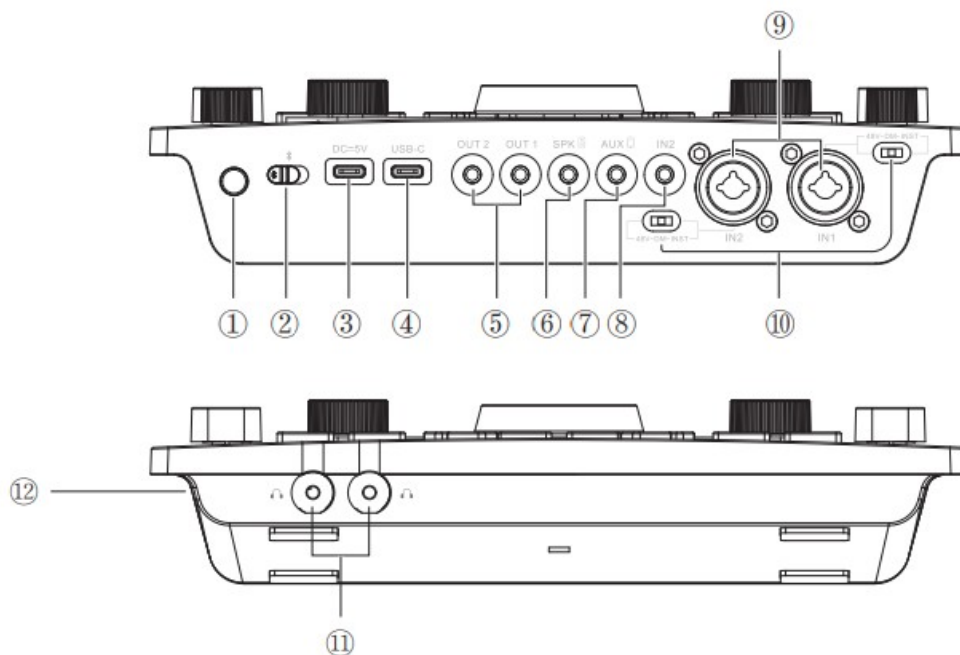
Short touch to turn on Pitch and switch Male/Female/Baby/Monster/Electr./ Robot effect and the corresponding light will glow. When switch to Robot, short touch again to turn off Pitch. Long touch can also turn it off

## 11. Electron

Short touch to turn on Electron. Short touch again to switch A-Ab effect and the corresponding light will glow. When switch to Ab, short touch again to turn off Electron. Long touch can also turn it off



Auto Tune, Electron and Pitch cannot be used simultaneously; Pitch and Scene Reverb cannot be used simultaneously



## 1. Power Button

Long press to power on/off

## 2. Bluetooth Switch

Turn on/off Bluetooth

## 3. USB-C Charging Port

Connect power bank/DC power to get charged

## 4. USB-C Port

Connect smartphone/computer to input/output audio signal

## 5. OUT1/2

3.5mm TRRS port, connect smartphone/computer/tablet to input/output audio signal

## 6. SPK

3.5mm TRS output port, connect speakers to output audio signal

## 7. AUX

3.5mm TRS/TRRS input port, connect smartphone/computer to input audio signal

## 8. IN2 (3.5mm)

3.5mm TRS input port, connect microphone to input audio signal

## 9. IN1/2 (XLR/6.35mm)

Connect XLR/6.35mm microphone or instrument to input audio signal.

Support 48V phantom power

## 10. 48V/DM/INST Switch Button1/2

Adjust to switch between 48V phantom power mode (48V), dynamic mic mode (DM) and instrument mode (INST). Switch to the corresponding mode according to the input device of IN1/2 (XLR)

## 11. 3.5mm Monitor Port1/2

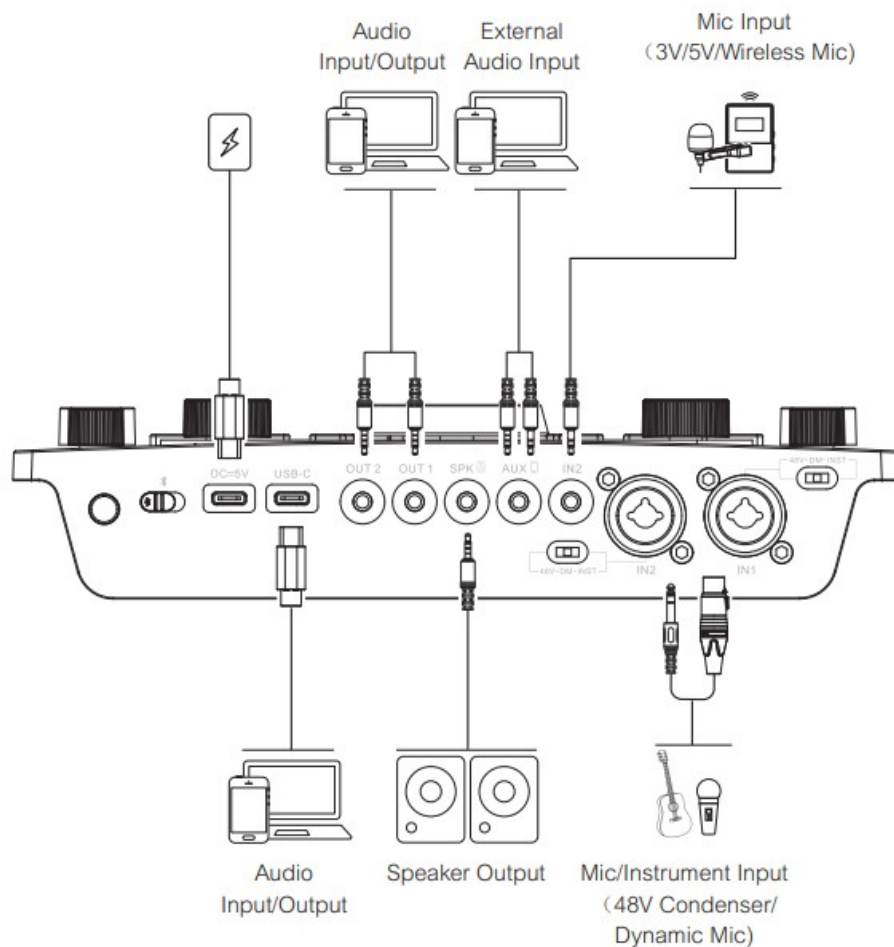
Plug in a TRS/TRRS headphone to monitor

## 12. Reset Hole

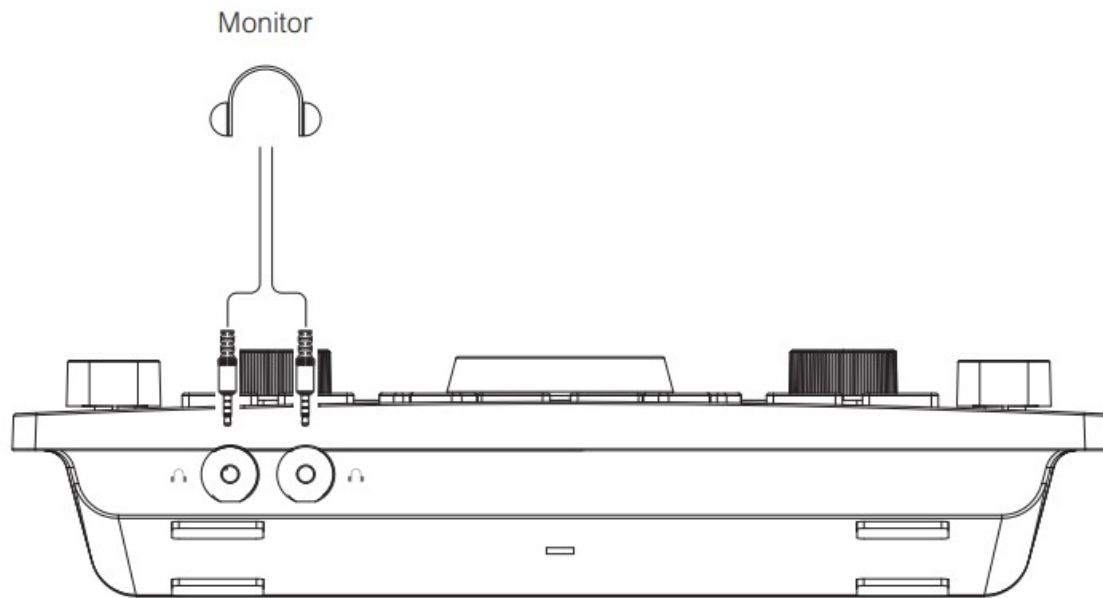
If there is an abnormal phenomenon such as a charging problem, insert a reset pin into the reset hole to reset

## Connection and Usage

Connect devices to ADCaster C2 referring to the following pictures







#### 1. Connect Microphones

Connect XLR/6.35mm microphones to ADcaster C2 via IN1/2 XLR/6.35mm port (Please switch on the 48V phantom power when using mics powered by it); connect 3.5mm microphones to ADcaster C2 via IN2 3.5mm port and rotate the Gain Knob1/2 to adjust the gain of mic1/2

1. Please turn off the 48V phantom power before connecting/ disconnecting microphones to avoid damage to the mics
2. When connecting mics not requiring 48V phantom power, please make sure to turn off 48V phantom power to avoid damage to the mics

#### 2. Connect Instruments

Connect 6.35mm instruments to ADcaster C2 via IN1/2 XLR/6.35mm port and rotate the Gain Knob1/2 to adjust the gain of the instrument input


#### 3. External Audio Input

##### 3.1 Wired Input

Connect ADcaster C2 to smartphone/computer via OUT1/2/AUX/USB-C port to input audio signals and turn the AUX Knob to adjust the volume or adjust the volume on the input devices (The volume of audio signals input via OUT1/2 port can only be adjusted on the input devices.)

##### 3.2 Bluetooth Input

Connect ADcaster C2 to smartphone via Bluetooth to input audio signals and turn the AUX Knob to adjust the volume

 Pairing Method: Turn on Bluetooth of ADcaster C2 and smartphone, search for 'Comica\_ADcaster C2' on the smartphone and click to connect. The Bluetooth input can be used after paired

#### 4. Connect Monitoring Headphones

ADcaster C2 has dual 3.5mm headphone monitor ports. Connect TRS/TRRS headphone to monitor and turn the Monitor Knob to adjust monitor volume

#### 5. Connect Speakers

Connect speakers to ADcaster C2 via 3.5mm SPK port and turn the OUT Knob to adjust the output volume

#### 6. Connect Smartphone/Computer



Connect ADCaster C2 to smartphone/computer via USB-C/OUT1/2 port and turn the OUT Knob to adjust the output volume

### **DAW Software Setting:**

When Recording with Digital Audio Workshop, please follow the instructions below to set up (Take Cubase and Pro Tools as examples)

#### **Cubase**

1. Please download and install the driver ASIO4ALL in advance
2. Connect ADCaster C2 to the computer, open Cubase, and create a new project
3. Click 'Devices – Device Setup'. Select 'VST Audio System – ASIO4ALL v2' 4. Click 'ASIO4ALL v2 – Control Panel' to activate the 'ADCaster C2' input/output port (click to lighten the power and play icons)

#### **ProTools**

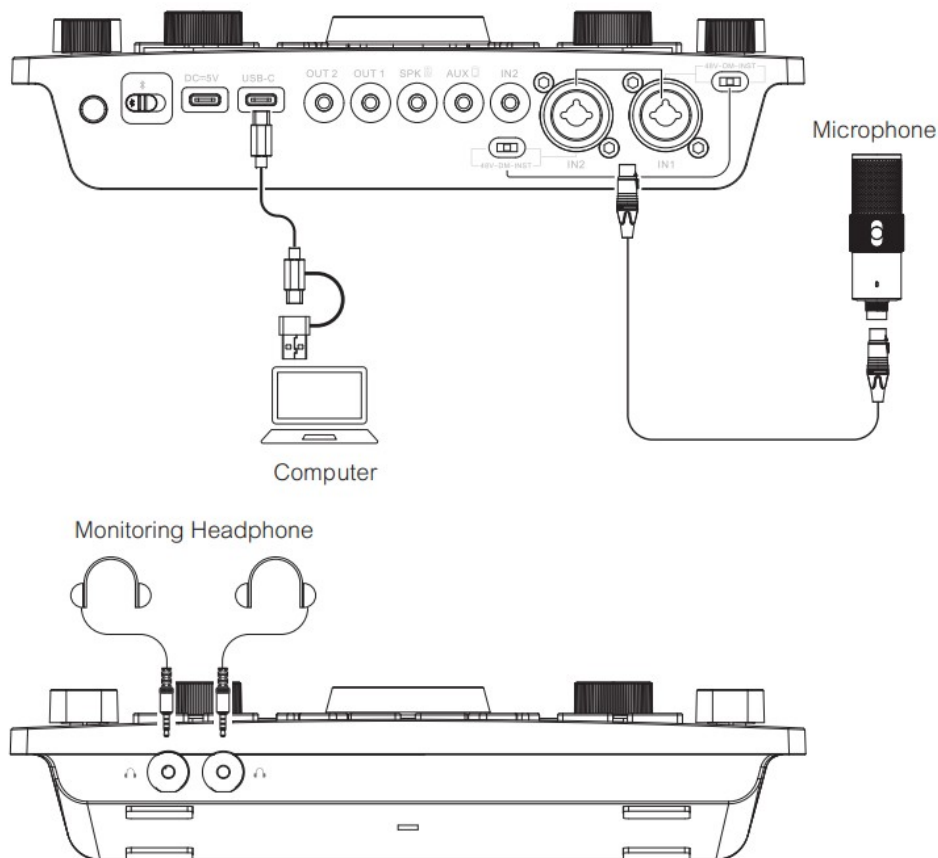
1. Please download and install the driver ASIO4ALL in advance
2. Connect ADCaster C2 to the computer, open Pro Tools, and create a new project
3. Click 'Setup- Playback Engine', and choose 'ASIO4ALL v2'
4. Click 'Setup – Hardware – ASIO4ALL v2 -Launch Setup App' to activate the 'ADCaster C2' input/output port (click to lighten the power and play icons)



If 'ADCaster C2' cannot be found in the software, please make sure that ADCaster C2 is connected to the computer and open the sound settings in the computer to see if ADCaster C2 has been set as the default output device of the computer

#### **Usage Scenes:**

1. Podcast on Computer



1.1 Connect microphone, monitoring headphones to ADCaster C2 according to the diagram above


1.2 Connect computer and ADCaster C2 via 2-in-1 audio cable. Computer will automatically recognize ADCaster C2 and match the driver

1.3 Click “Windows Settings – System – Sound”, set “Comica\_ADCaster C2” as the default input/output device of the computer

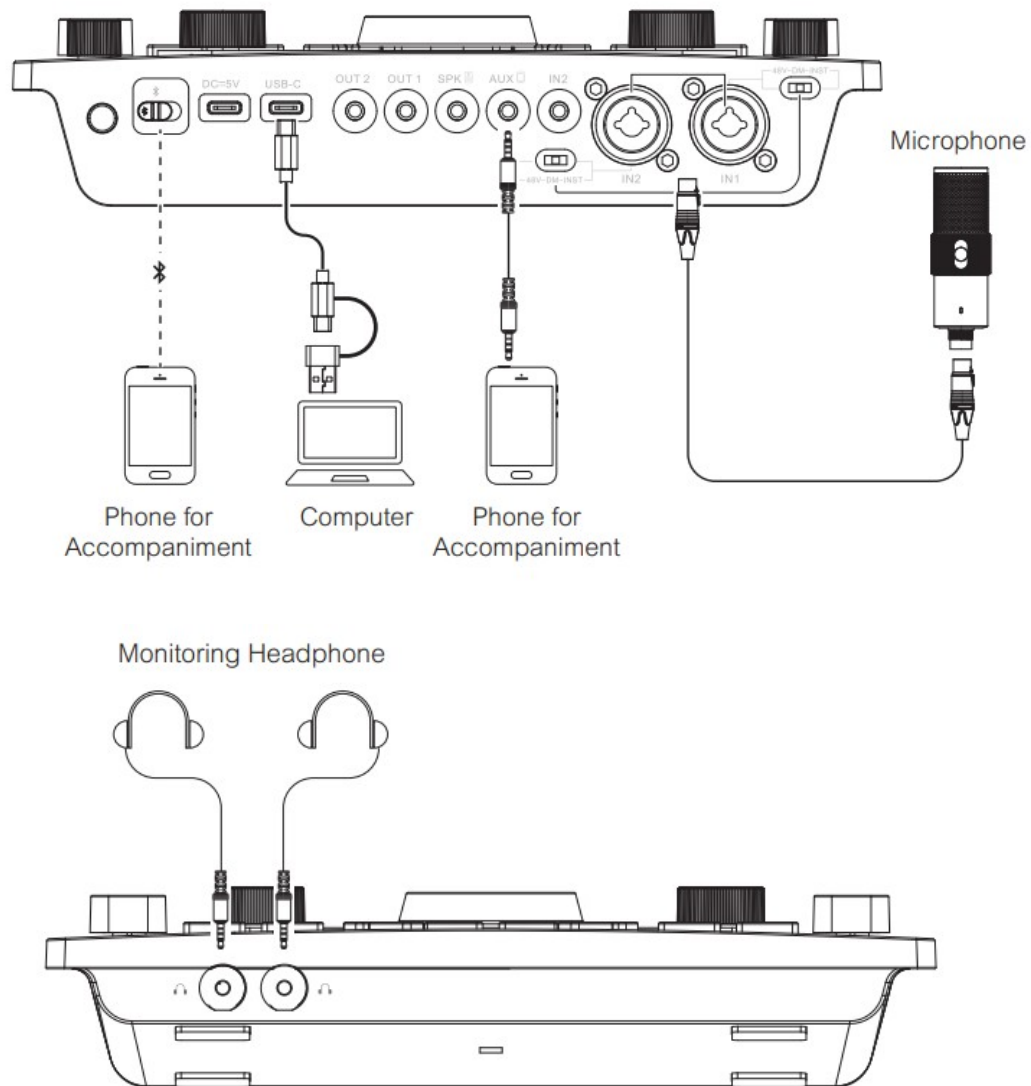
1.4 Open your chosen recording application and check if “Comica\_ADCaster C2” is the default audio/playback device

1.5 Record your podcast audio

1.6 Export and upload your audio to podcast platform

 Up to three mics can be connected to ADCaster C2 at the same time, including one 3.5mm mic and two XLR/6.35mm mics. Please connect mics according to your need

## 2. Live Streaming on Computer



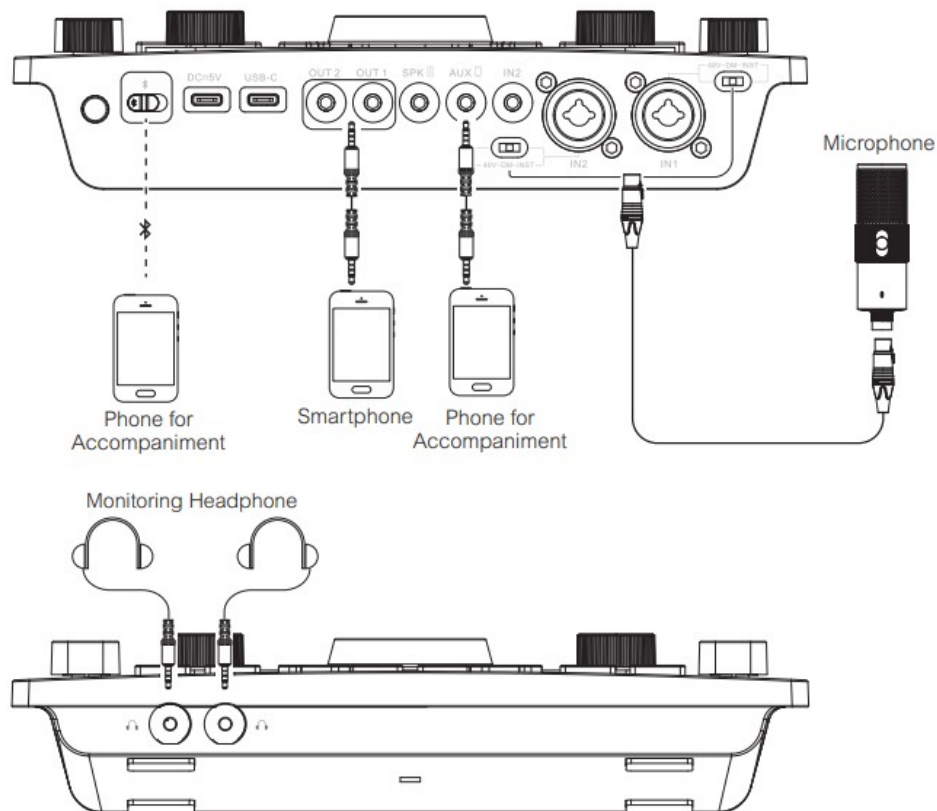
2.1 Connect accompaniment smartphone, microphone, monitoring headphones to ADCaster C2 according to the diagram above

2.2 Connect computer and ADCaster C2 via 2-in-1 audio cable. Computer will automatically recognize ADCaster C2 and match the driver

2.3 Click "Windows Settings – System – Sound", set "Comica\_ADCaster C2" as the default input/output device of the computer

2.4 Open the live streaming software on computer and check if "Comica\_ADCaster C2" is the default audio/playback device

### 3. Live Streaming on Smartphone



3.1 Connect live streaming smartphone, accompaniment smartphone, microphone, monitoring headphones to ADCaster C2 according to the diagram above

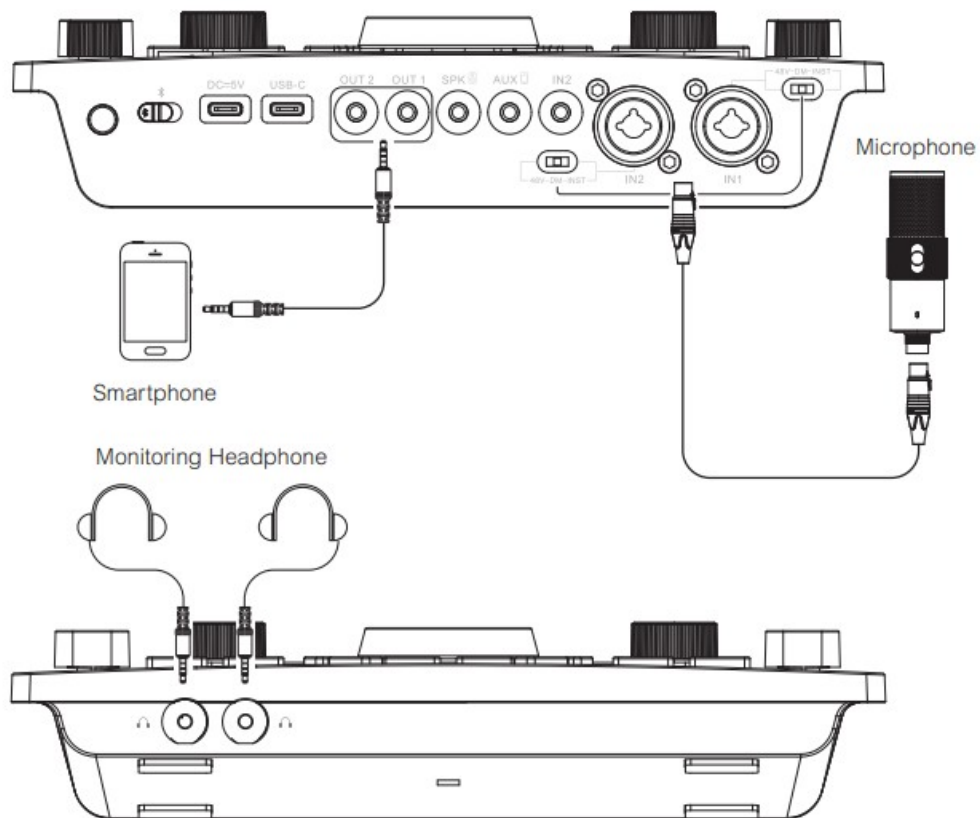
3.2 Turn on ADCaster C2 and select the sound effects needed

3.3 Open a live streaming app on the smartphone and start streaming

1. ADCaster C2 supports live streaming on two different platforms at the same time, please connect devices according to your need

2. ADCaster C2 supports live streaming on smartphone and computer at the same time. Please connect devices according to the diagrams of “Live Streaming on Computer”


4. Karaoke on Smartphone



4.1 Connect smartphone, microphone, monitoring headphones to ADCaster C2 according to the diagram above

4.2 Turn on ADCaster C2 and select the sound effects needed

4.3 Open a Karaoke app on the smartphone and start to sing

 Please buy corresponding OTG adapter cable when using with a smartphone without a 3.5mm port

## Specifications

### Interface

Input Port	2 x XLR/6.35mm, 1 x 3.5mm
AUX Port	1 x 3.5mm
Digital Port	1 x USB-C
OUT Port	2 x 3.5mm
SPK Output	1 x 3.5mm
Headphone Output	2 x 3.5mm

### Audio Resolution

Sample Rate	48kHz
Bit Depth	24bit

### Microphone Input

Dynamic Range	100dB(A-weighted, as per IEC651)
Frequency Responce	20Hz ~ 20kHz, $\pm 0.1$ dB
THD+N	0.003%, 1kHz, -3dBFS, 22Hz/22kHz BPF
Equivalent Noise	-130dBu(A-weighted, as per IEC651)
Input Impedance	5k $\Omega$
Maximum Input Level	-4dBu
Gain Range	6dB ~ 60dB

#### Instrument Input

Dynamic Range	100dB(A-weighted, as per IEC651)
Frequency Responce	20Hz ~ 20kHz, $\pm 0.1$ dB
THD+N	0.003%, 1kHz, -3dBFS, 22Hz/22kHz BPF
Equivalent Noise	-130dBu(A-weighted, as per IEC651)
Input Impedance	50k $\Omega$
Maximum Input Level	4dBu
Gain Range	0dB ~ 30dB

#### SPK Output

Dynamic Range	100dB(A-weighted,as per IEC651)
Frequency Responce	20Hz ~ 20kHz, $\pm 1$ dB
Output Impedance	600 $\Omega$
Maximum Output Level	4dBu

#### Headphone Output

Dynamic Range	100dB(A-weighted, as per IEC651)
Frequency Responce	20Hz ~ 20kHz, $\pm 1$ dB
Output Impedance	6 $\Omega$
Maximum Output Level	4dBu

#### Others

Battery	Lithium Battery 2900mAh 3.7V
Standby Time	With 48V Phantom Power on: 6Hours With 48V Phantom Power o : 10Hours
Charging	USB-C 5V2A
Phantom Power Output	48V±2V
Net Weight	670g
Dimension	239 x158 x 51mm
Working Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C



<https://solo.to/comica>

Website: [comica-audio.com](https://comica-audio.com)

Facebook: Comica Audio Tech Global


Instagram: Comica Audio

YouTube: Comica Audio

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## Documents / Resources

	<p><b><a href="#">COMICA 100 ADCaster C2 Audio Interface</a></b> [pdf] Instruction Manual  100 ADCaster C2 Audio Interface, 100, ADCaster C2 Audio Interface, C2 Audio Interface, Audio Interface, Interface</p>
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## References

- [User Manual](#)

[Manuals±](#), [Privacy Policy](#)

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