

COMICA

PROFESSIONAL AUDIO EQUIPMENT

CVM-AX3

XLR/6.35mm/3.5mm(2-Groups) Audio Mixer



USER MANUAL

Foreword

Thanks for purchasing COMICA CVM-AX3 XLR/6.35mm/3.5mm(2-Groups) Amplifier Audio Mixer.

The Comica CVM-AX3 is a 3.5mm Dual-Groups Audio Mixer for shooting videos with any camera and camcorder . It is designed with support positive & passive mic, real-time monitoring, dual gain-control knobs functions etc. It provides a compact audio mixing solution.

Please read this manual carefully before using. This product has been precisely calibrated at the factory, do not assemble and disassemble parts by yourself.

Main Features

- . Dual XLR/6.35mm/3.5mm Mics Audio Mixer
- . Support Phantom Power
- . Support Real-time Monitoring
- . Dual Gain-Control Knobs
- . Mono/Stereo Output Switch
- . Designed with Working Status Indicator
- . 9V Battery/Phantom Power
- . External Port&Hot Shoe Mount
- . Aluminum Alloy Material



Dual Multi-mics
Audio Mixer



Real-time
Monitoring



Support both
Positive/Passive Mic



Dual
Gain-Control



Mono/Stereo
Output Switch



Working Status
Indicator



Driven by
9V Battery



Double
Cold-shoes



Aluminum
Alloy Made

Package Contents

- ① Audio Mixer
- ② 3.5mm Audio Output Cable
- ③ Cold Shoe Mount
- ④ User Manual
- ⑤ Warranty Card



①



②



③



④

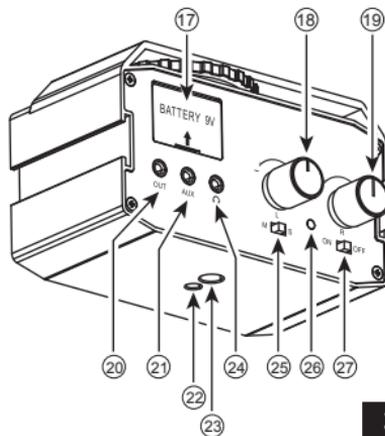
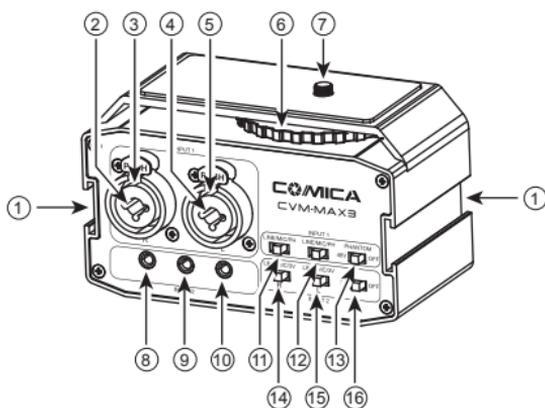


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Components and Instruction

Audio Mixer

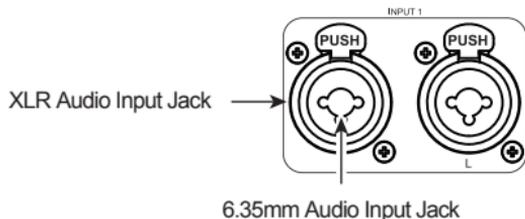
- ① Cold Shoe Interface
- ② INPUT1 6.35mm Audio Input Jack(Right)
- ③ INPUT1 XLR Audio Input Jack (Right)
- ④ INPUT1 6.35mm Audio Input Jack(Left)
- ⑤ INPUT1 XLR Audio Input Jack(Left)
- ⑥ Locking Plate
- ⑦ 1/4 Screw Bolt
- ⑧ 3.5mm INPUT2 Mono Input Jack(Right)
- ⑨ 3.5mm INPUT2 Stereo Audio Input Jack
- ⑩ 3.5mm INPUT2 Mono Input Jack(Left)
- ⑪ INPUT1 Power Source Switch(Right)
- ⑫ INPUT1 Power Source Switch(Left)
- ⑬ INPUT1 Phantom Power Switch
- ⑭ INPUT2 Power Source Switch(Right)
- ⑮ INPUT2 Power Source Switch(Left)
- ⑯ INPUT2 3V Power Switch
- ⑰ 9V Battery Holder
- ⑱ Left Gain-Control Knob
- ⑲ Right Gain-Control Knob
- ⑳ Audio Output Jack
- ㉑ Auxiliary Input Interface
- ㉒ 1/4 Screw Hole
- ㉓ 3/8 Screw Hole
- ㉔ Real-time Monitoring Jack
- ㉕ Mono/Stereo Switch
- ㉖ Power Indicator Light
- ㉗ Power Switch



Function Switch Guide and Notice

1.INPUT1

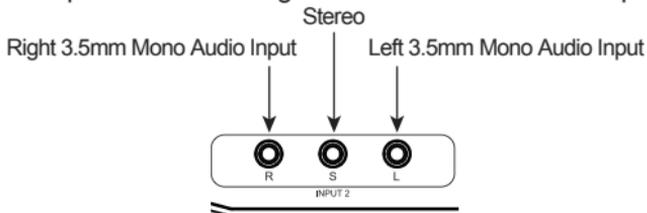
For Microphone that's designed with XLR and 6.35mm Audio Output



INPUT1 XLR and 6.35mm are in the same jack and cannot be used at the same time

2.INPUT2

For Microphone that's designed with 3.5mm Audio Output



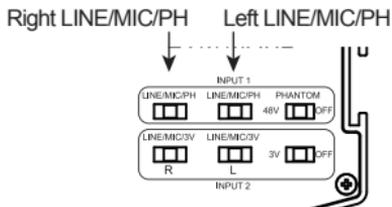
INPUT2 Mono and stereo input cannot be used at the same time.
Only one type of input can be selected at a time

3.LINE/MIC/PH (For INPUT1)

If you're using LINE IN function, set the switch to 'LINE'

If you work in Non-Phantom Power Mode, set the switch to 'MIC'

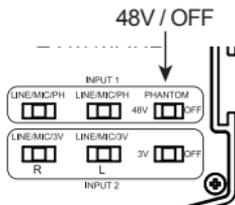
If you work in Phantom Power Opened Mode, set the switch to 'PH'



4.48V / OFF

If you work with Phantom Power Opened, then set the switch to '48V'

If you work in Non-Phantom Power Mode, set the switch to 'OFF'

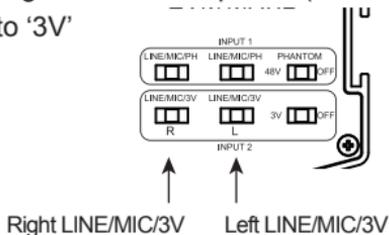


5.LINE/MIC/3V (For INPUT2)

If you're using LINE IN function, set the switch to 'LINE'

If you're using Positive Microphone (Mic with power driven), set the switch to 'MIC'

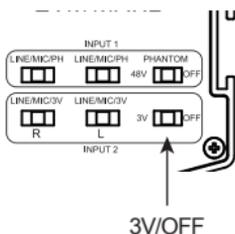
If you're using Passive Microphone (Mic with no power driven) , set the switch to '3V'



6.3V/OFF

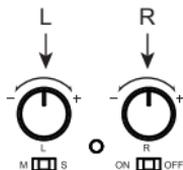
If you're using Passive Microphone (Mic with no power driven) , set the switch to '3V'

If you're using Positive Microphone (Mic with power driven), set the switch to 'OFF'



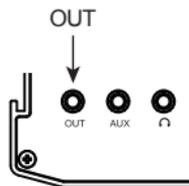
7.L/R

The Gain Control Button L/R is for adjusting sensitivity of Microphones
(Corresponding with INPUT 1 & INPUT2 LEFT/RIGHT)



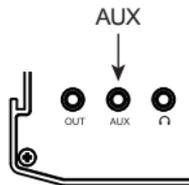
8.OUT

3.5mm audio output



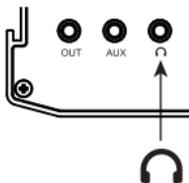
9.AUX

Used as the auxiliary LINE IN input, to mix with some music,etc as background



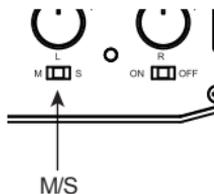
10. 

For Audio Monitoring



11. M/S

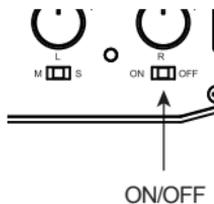
M is for mono mode ; S is for Stereo mode



If there's only one group microphone connected with this device, then you have to set the M/S to M mode

12. ON/OFF

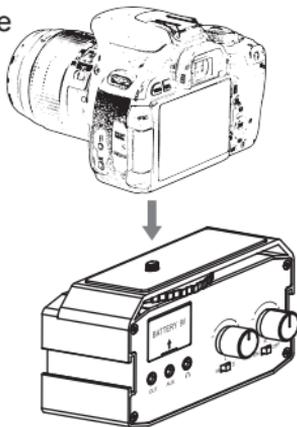
Power ON/OFF



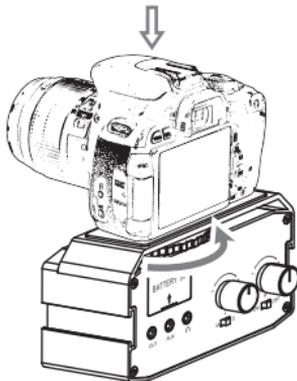
Installation and Usage

Installation method one:

1. Connect the camera to the 1/4 double-screw bolt of the mixer through the 1/4 screw hole

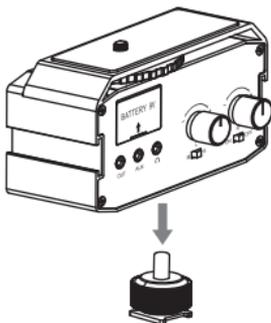


2. Rotate the locking plate to fix the camera

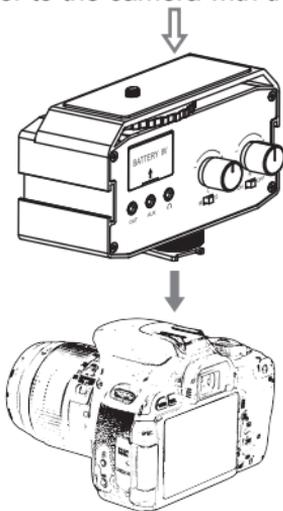


Second methods of installation:

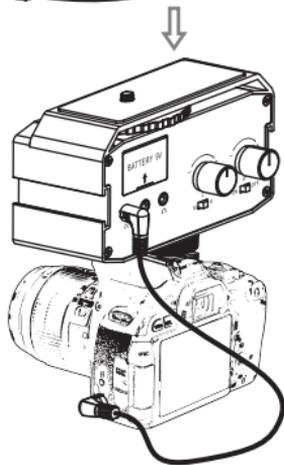
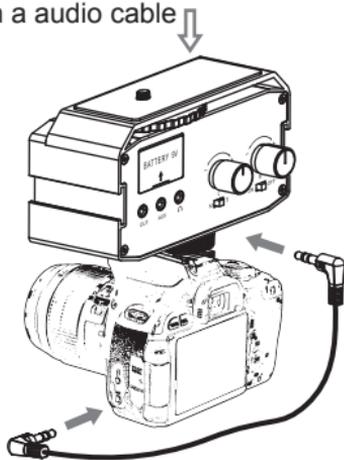
1. Mount the cold shoe mount to the audio mixer



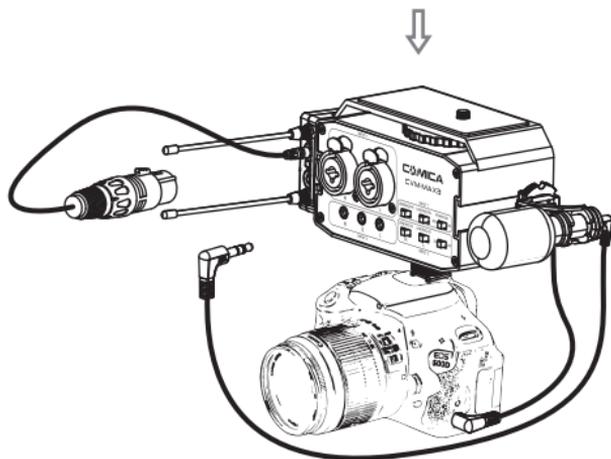
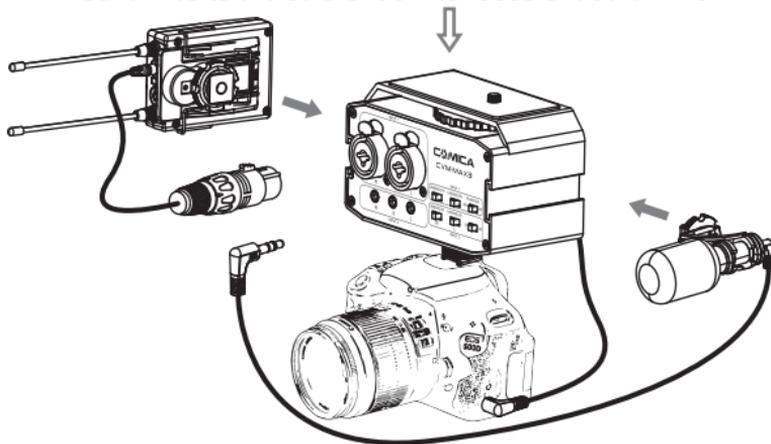
2. Fix the audio mixer to the camera with the cold shoe mount



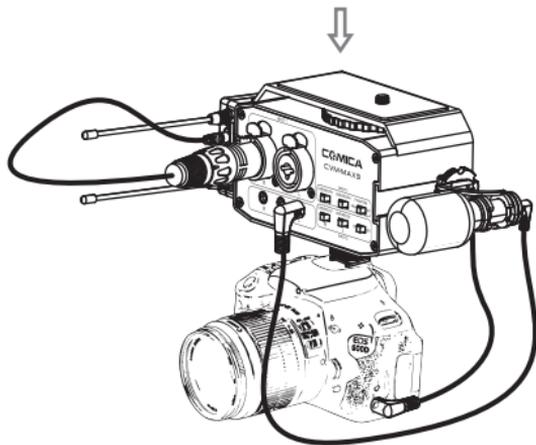
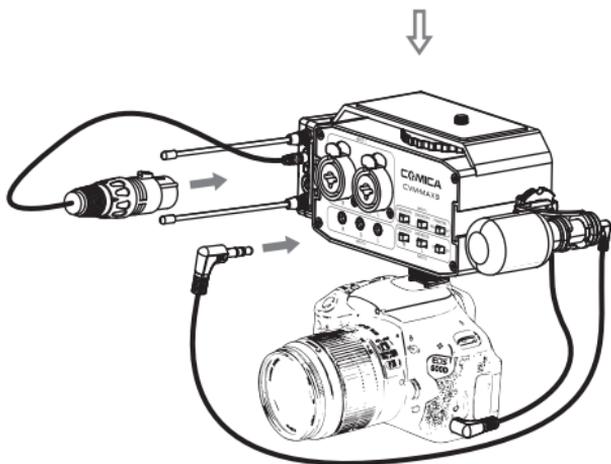
3. Connect audio mixer's Audio Output Jack(OUT) and camera Audio Input Jack with a audio cable



4. Mount mics to the cold-shoe Interfaces of audio mixer



5. Connect the mic and audio mixer



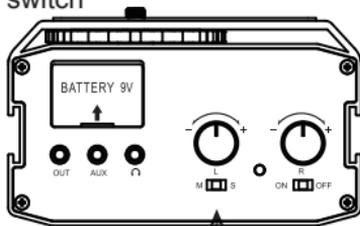
➡ For stereo mic, connect it to the stereo input jack ('S')



➡ For mono mic, connect it to the corresponding 'L' / 'R' input jack



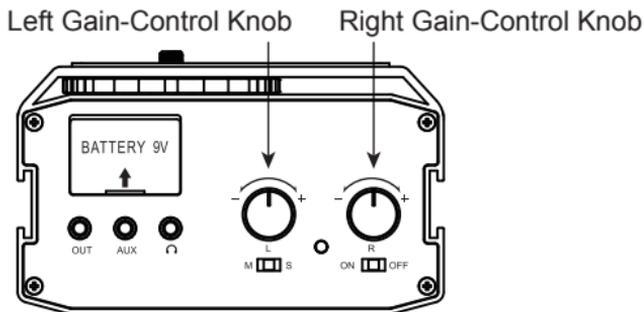
6. Set Mono/Stereo switch



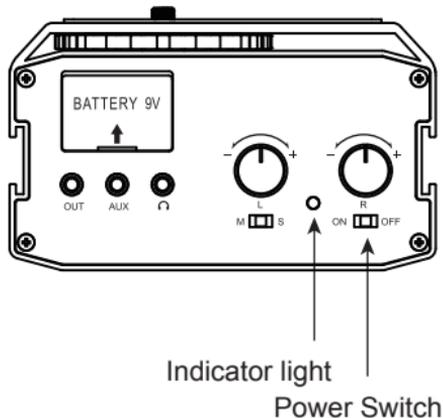
Mono/Stereo switch

- ➡ a. When uses only one mic or one channel, select 'M' and the output is mono
b. When uses two mics or two channels simultaneously, you can optionally switch to 'M' (Mono Mode) or 'S' (Stereo Mode) according to your needs

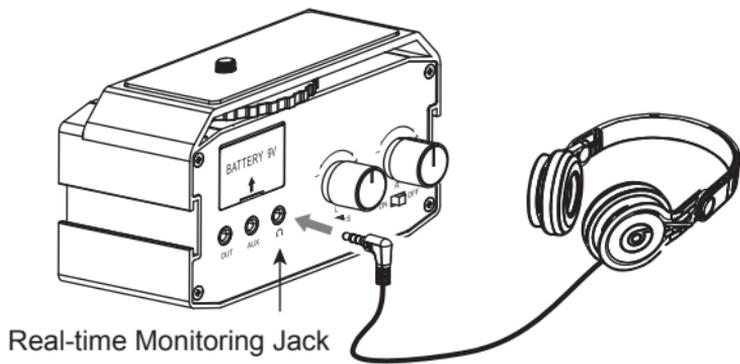
7. To ensure the recording quality, please turn Gain-Control Knob of the left and right to the proper volume position to get the best audio effect



8. Power on, the indicator light up, and recording starts



9.If you want to check the audio, you can plug headphone cable into the Real-time Monitoring Jack to monitor audio



Tech Parameters

Input	XLR x 2(L/R), 6.35mm x 2(L/R), Mono x 2(L/R), Stereo x 1(S), AUX
Output	3.5mm audio output, 3.5mm headphone output
Frequency Response	20Hz~20kHz, ± 1 dB
THD+Noise	$<0.02\%$, $R_L=2k\Omega$, $f=20\text{Hz}\sim 20\text{kHz}$, $V_o=1V_{rms}$
Battery	9V 6LR61/6F22 x 1
Size	123 x 71 x 60.6mm
Net Weight	460g
Working Temperature	0°C ~ +50°C
Memory Temperature	-20°C ~ +60°C