

# TAKSTAR® 得胜



SGC-600 | 摄像采访麦克风  
SHOTGUN MICROPHONE

使用手册 | User Manual

## ■ Preface

Dear Customer,

Thank you for purchasing Takstar SGC-600 Shotgun Microphone. Please read the user manual carefully before operation and keep it for reference in future.

If you have any question or suggestion, please contact our local dealer.

## ■ Features

1. Tailored for photography/interview, suitable for DSLR/DV/cell phone.
2. Pipe cartridge promotes picking up range and accuracy but reduces ambient noise picking up.
3. Microphone gain fader to adjust according to the requirement of picking up range.
4. Low cut function for background noise below 200Hz to make recording clearer.
5. Standard cold shoe design for convenient installation on camera.
6. Anti-vibration structure effectively reduce the mechanical noise and vibration noise.
7. One 1.5V AA battery, Continuous operation time is approximately 100h (based on the battery capacity).
8. Low power voltage indication.

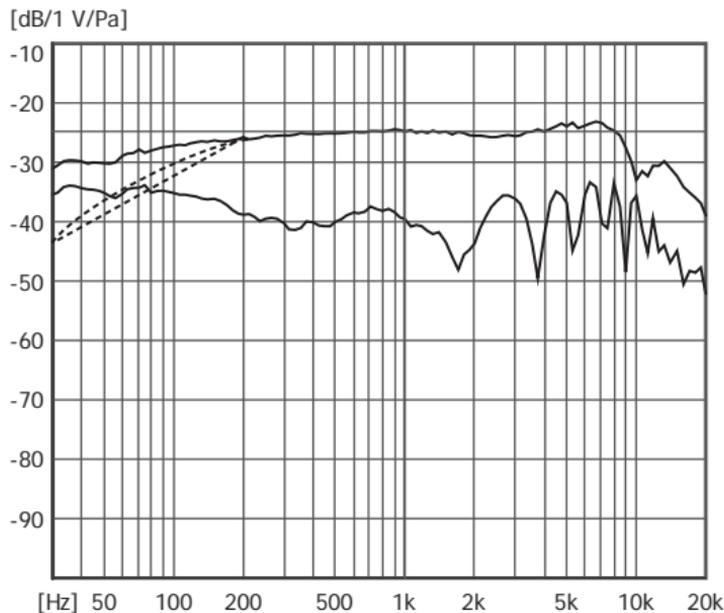
## ■ Application

News interview, video recording, program hosting, special inter, Thematic interview

## ■ Product content

Microphone .....	1 pc
C2-1 Splitter Cable .....	1 Pc
Windscreen.....	1 Pc
Battery .....	1 Pc
User Manual.....	1 Pc

## ■ Specification



## SGC-600 SHOTGUN MICROPHONE

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Cartridge:  $\Phi$ 10mm condenser cartridge

Polar Pattern: super-cardioid

Frequency Response: 50Hz-16kHz

Sensitivity:  $-25\text{dB} \pm 3\text{dB}$  ( $0\text{dB}=1\text{V}/\text{Pa}$  at 1kHz)

Gain Adjustment:  $+10\text{dB}/0\text{dB}/-10\text{dB}$

Low Cut: 200Hz 12dB/Oct

Output Impedance:  $2.2\text{K}\Omega \pm 30\%$

Power Supply: 1.5V AA battery

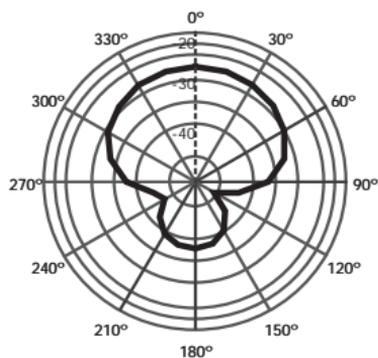
Operation time: approximate 100h

(based on the battery capacity)

Product dim: L157mm X H48mm

Collecting tube  $\Phi$ 11mm X L120mm

Net Weight : 75g ( Appr. )

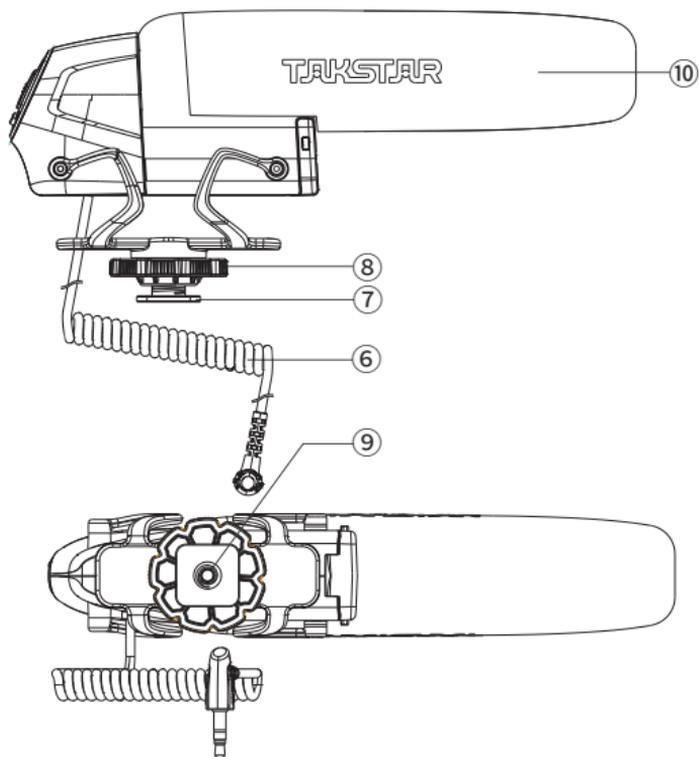
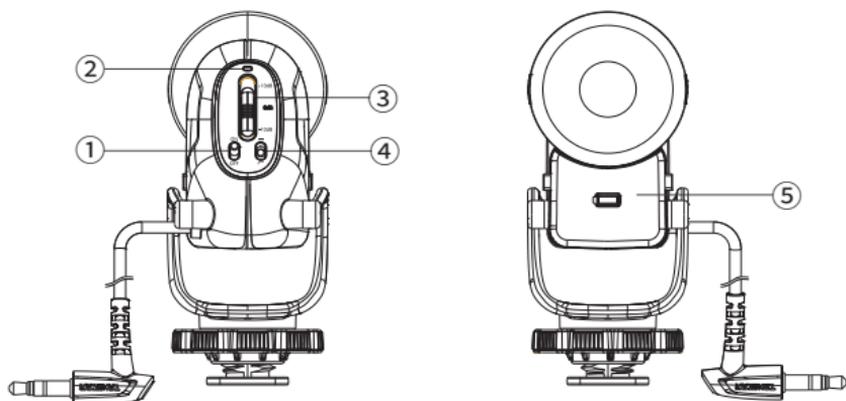


Note: The above data are obtained by Takstar Laboratory and have the right of final interpretation has the right of final interpretation.

### ■ Function instruction

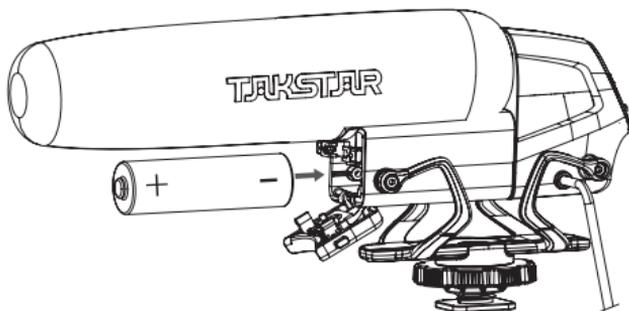
- ① Power switch: set switch to ON to turn on and OFF to turn off.
- ② Power LED: If there is sufficient power when turning on it, the power LED keeps lighting up green. The LED keeps lighting up red means insufficient power. Please replace the battery in time.
- ③ Volume fader: 3 step gain adjustment: +10dB boosts sensitivity for wide range picking up. 0dB is picking up original sound at normal range. -10dB reduces sensitivity for near range picking up. User can select according to application environment.
- ④ Low cut switch: set it to “” position to turn on low cut function to attenuate LF noise below 200Hz. Set it to “” position to turn off low cut function to return to original picking up status.
- ⑤ Battery compartment: it is used for loading AA battery.
- ⑥ Cable:  $\Phi 3.5\text{mm}$  stereo connector to connect with camera or DSLR, etc.
- ⑦ Cold shoe: used to fix microphone onto camera or DSLR.
- ⑧ Knob: used to lock microphone onto camera or DSLR.
- ⑨ 1/4 socket: used to assemble microphone onto photography stand.
- ⑩ Windscreen: used to prevent from pop noise and promote sound quality.

# SGC-600 SHOTGUN MICROPHONE



## ■ Operation instruction

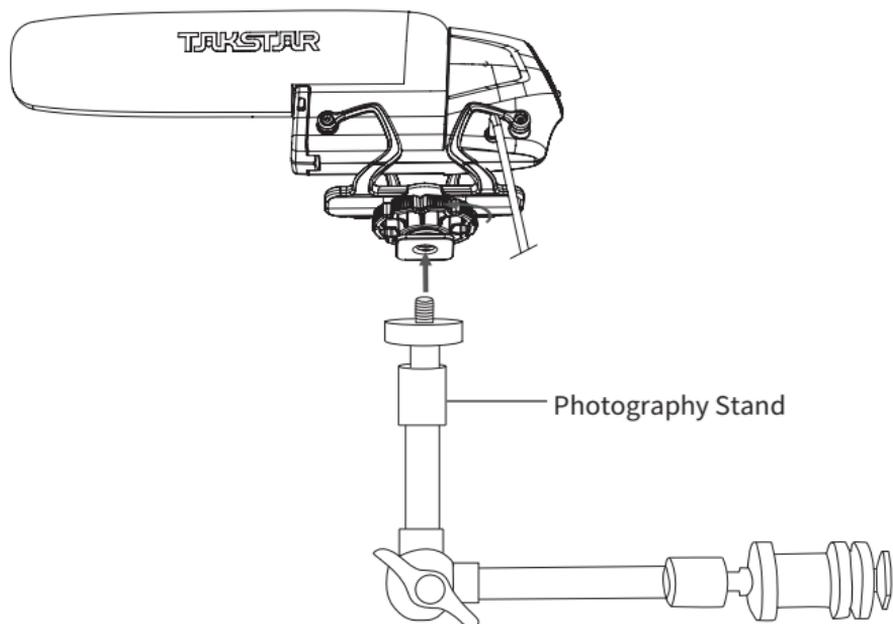
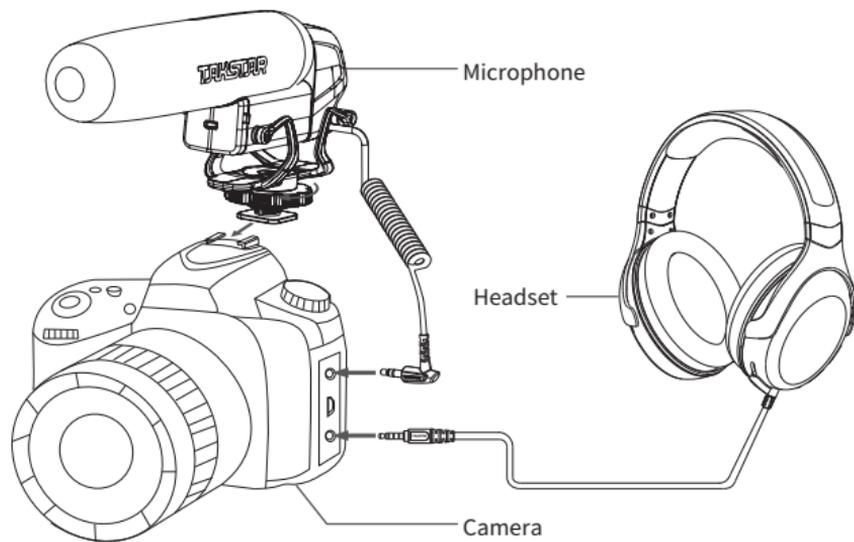
1. Open the battery compartment. Put the battery in and keep the polarity +/- right, and then close the compartment.



2. When assembling it with camera or DSLR, insert the cold shoe into the slot of the camera. Turn the knob clockwise to fix the microphone. When assembling it with photography stand, connect the 1/4 socket on the microphone with photography stand. Turn it clockwise to fix the microphone.

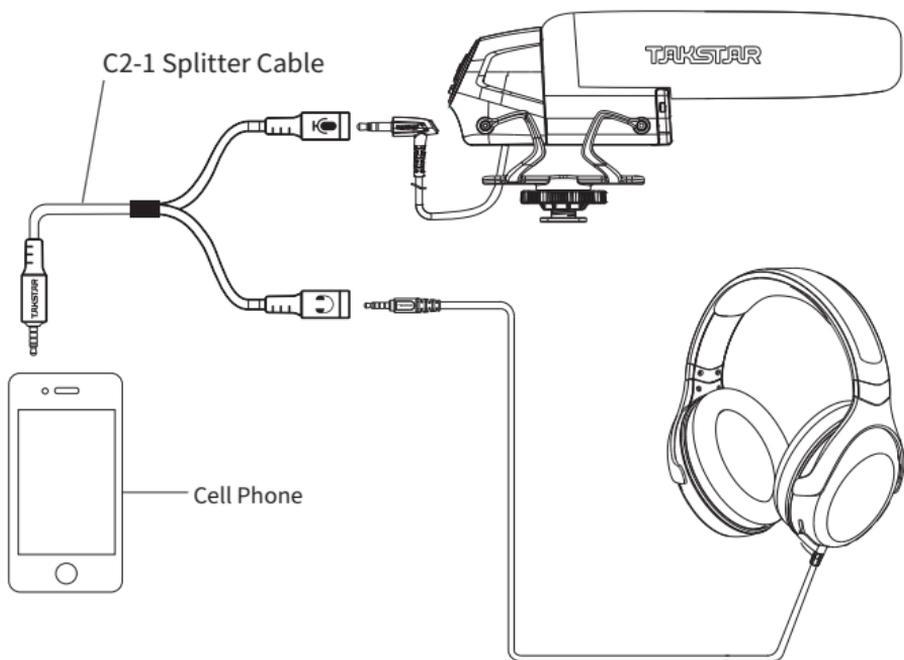
# SGC-600 SHOTGUN MICROPHONE

## Connection diagram of camera photography

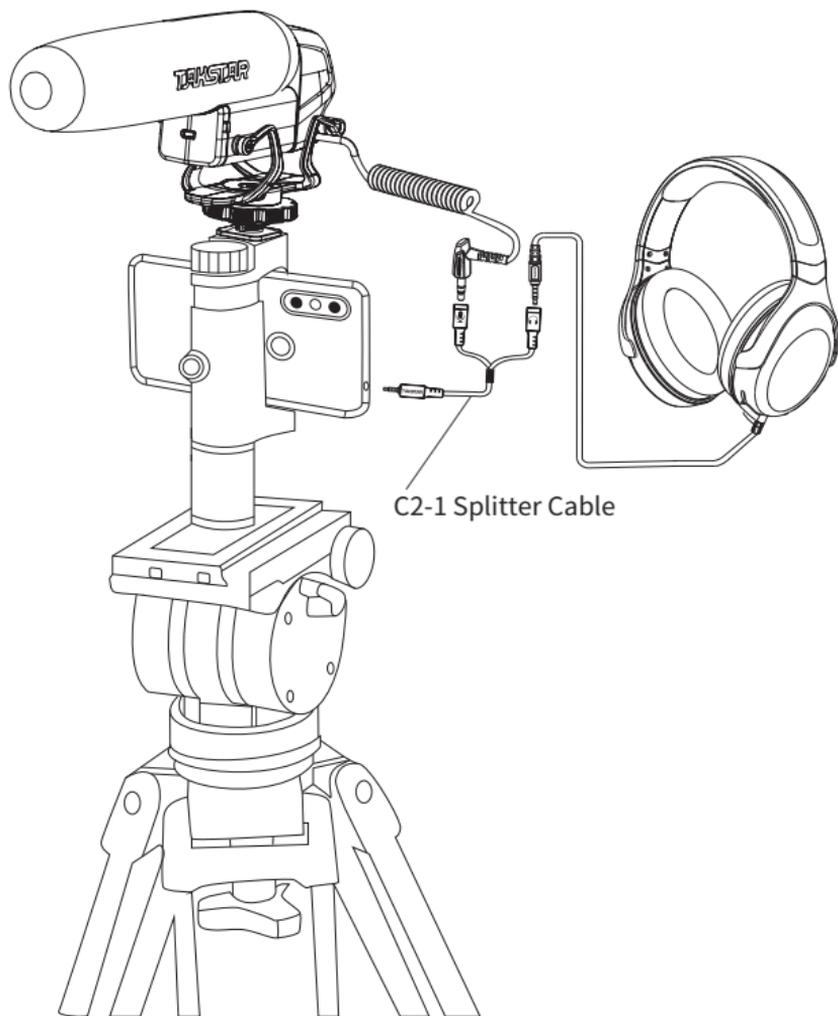


3. Connect the microphone  $\Phi 3.5\text{mm}$  connector with the mic connector of camera or DSLR. If you need to monitor the recording effect, connect the headset with the headset connector of camera or DSLR (Buy the headset additionally).
4. If you need to connect cell phone for recording. Connect C2-1 cable with  $\Phi 3.5\text{mm}$  connector of the cell phone, and connect 3.5mm microphone connector with the connector which is marked “” on C2-1 cable. If you need to monitor the recording effect, connect the headset with the connector which is marked “” on C2-1 cable.

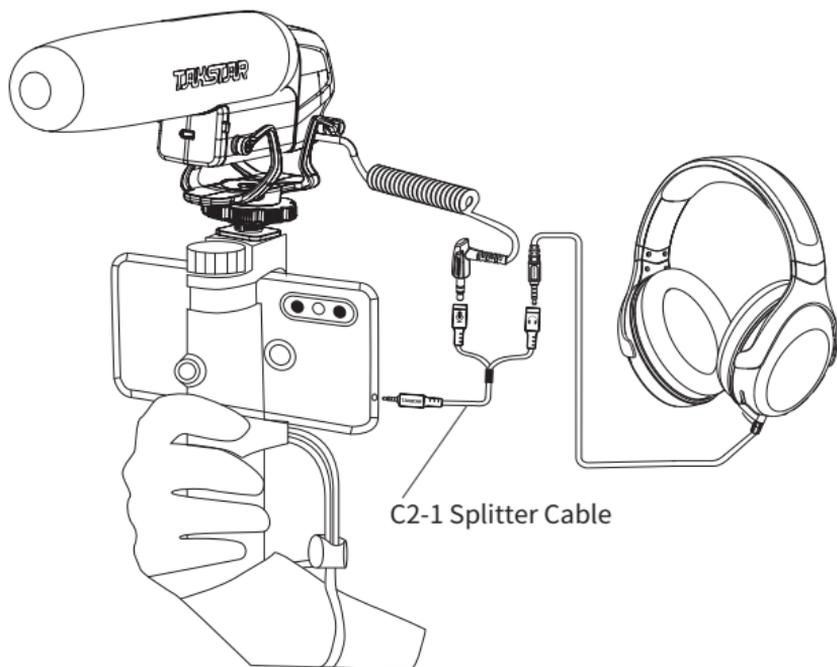
### Connection diagram of cell phone photography



## Stand photography



## Handheld photography



5. When connecting with camera or DSLR for recording, it is recommended to set the mic volume fader to 0dB. When connecting with cell phone for recording, it is recommended to set the mic volume fader to +10dB.

## ■ Cautions

To avoid electric shock, over temperature, catching fire, explosion, mechanical risk and hurt or property loss caused by improper use, please read the following items carefully before operation:

1. Make sure the power of connected equipment matches with that of this product. Adjust the volume to proper level during operation. Do not operate at high volume level to avoid hearing loss.
2. If abnormal phenomenon (smoke, abnormal smell) happens, please turn off the power switch and disconnect the power plug with power socket, and send the product to local dealer for maintenance.
3. Using battery of broken insulation material is forbidden to avoid short circuit. Do not charge the non-rechargeable battery.
4. Put the waste battery into classification dustbin rather than used as toy by children or discarded directly to avoid potential danger or affecting the environment.
5. The product and accessories should be put in dry and ventilated place rather than humid or dusty environment. Prevent the product from liquid, rain, water, over-colliding, throwing, vibrating, vent hole covered to avoid function destroyed.
6. When the product needs to be installed on wall or ceiling, please fix it tightly to avoid dropping risk.
7. Please abide by safety rules during operation. Do not use the product in the place prohibited by regulation or law to avoid accident.
8. Do not disassemble or repair the product by yourself to avoid hurt. If you have question or need service, please contact the local dealer.