

# TAKSTAR® 得胜



**PC-K320** | 专业录音麦克风  
Professional Recording Microphone

使用手册 | User Manual

# PC-K320 Professional Recording Microphone

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## ■ Preface

Dear Customer,

Thank you for purchasing Takstar PC-K320 Professional Recording Microphone. To better understand and use the product, please read this manual carefully. If you have any questions or suggestions, please contact our local dealer.

## ■ Features

- 3 optional colors (black / silver / red).
- Built-in transistor circuit ensures low noise and stable performance.
- Unique alloy design, durable and fashionable.
- High-performance back electret condenser capsule features wide frequency response and natural sound quality.
- Provided with customized shock mount and tripod for convenient use.

## ■ Applications

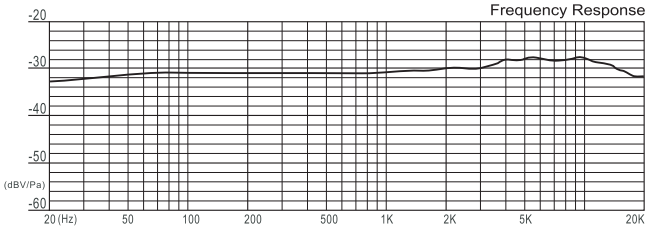
- Broadcast, personal recording, instrument recording

## ■ Package Contents

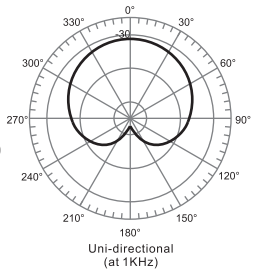
Microphone .....	1 PC
Shock Mount .....	1 PC
Tripod .....	1 PC
User Manual .....	1 PC

# PC-K320 Professional Recording Microphone

## ■ Specifications



- Capsule: Back Electret Condenser
- Polar Pattern: Cardioid
- Frequency Response: 20Hz-20kHz
- Sensitivity:  $-32\text{dB} \pm 3\text{dB}$  ( $0\text{dB}=1\text{V/Pa}$  at 1kHz)
- Equivalent Noise Level:  $\leq 22\text{dB A}$
- Max. Input SPL: 145dB (THD $\leq 1.0\%$  at 1kHz)
- Output Impedance:  $\leq 200\Omega$
- Power Requirement: 12-52V Phantom Power
- Net Weight: 340g



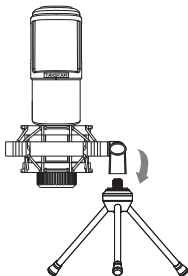
Note: The above data are measured by Takstar laboratory, and Takstar has the final interpretation right!

# PC-K320 Professional Recording Microphone

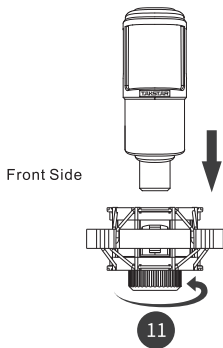
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## ■ Operation Instructions

1. Spread out the supplied tripod stand, place it on a flat table, and install the shock mount. It is recommended to keep the shock mount upwards and bottom screw downwards, to prevent accidental mic drop and damage in case of loose mic clamping.



2. The front side of the mic is the side with silkscreened “TAKSTAR” . Face the front side towards the sound source. Install the mic onto the shock mount by tightening the bottom screws until fully secured.



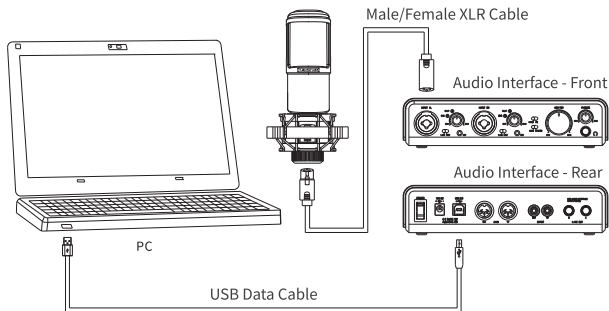
## PC-K320 Professional Recording Microphone

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3. Align the lock button on XLR plug with the bottom socket on mic, then push the plug into the mic fully until it locks into place. Connect the other end of the XLR cable to an audio device (e.g., audio interface, mixer, power amp) with built-in 48V phantom power supply, or use an external 48V power supply (not included) if none;

Note: The phantom power supply requirement for this product is DC  $48V \pm 4V / 2.8mA \pm 20\%$ .

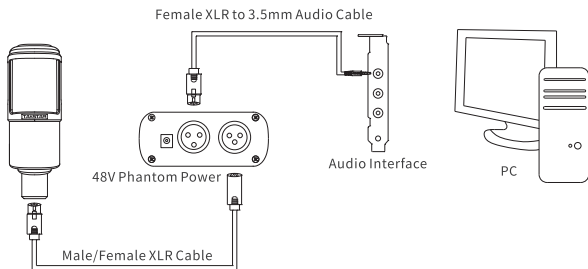
① Connection for audio device with built-in 48V phantom power:



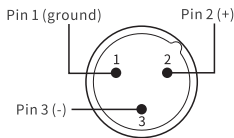
## PC-K320 Professional Recording Microphone

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② Connection for audio device without built-in 48V phantom power:



4. Fix the connection cable onto the mic stand or boom arm, and leave a section/loop of cable at the mic. This helps to effectively isolate the vibration.
5. Please turn the volume to the minimum on the audio device before switching on the phantom power. Then gradually increase the volume to an appropriate level. This helps to prevent speaker damage by high sound pressure. Keep a proper distance between mic and speakers, and try not to point the mic towards the speakers to avoid feedback howling.
6. The mic output uses a three-pin XLR male connector, as shown below:



### ■ Safety Instructions


To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:


1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
  2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local dealer for repair.
  3. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
  4. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
  5. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
  6. Do not disassemble or repair the product by yourself to avoid injury.
- If you have any questions or require any services, please contact our local dealer.

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## ■ Label Meanings

 This device is compliant with the limits of the European Council Directive on the approximation of the laws of the member states relating to electromagnetic compatibility according to RL2004/108/EG and European Low Voltage Directive RL2006/95/EG.

 This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.



### ■ About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website:  
<https://www.takstar.com/>