

TAKSTAR



PC-K850 Side-address Microphone

User Manual

■ Foreword

Dear Customer,

Thank you for purchasing TAKSTAR PC-K850 Side-address 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

- Ø34mm large gold plated diaphragm capsule, wide frequency response, wide dynamic, clear and natural sound quality
- Adopts low background noise audio processing circuit to meet the high demand of recording requirement
- High sensitivity design for rich sound details pickup and original sound reproduction
- Prominent SPL performance effectively prevents from overload distortion
- Provided with metal shock mount
- Professional windscreen effectively eliminates pop noise and wind noise
- Provided with aluminum carrying case for convenient transportation and storage

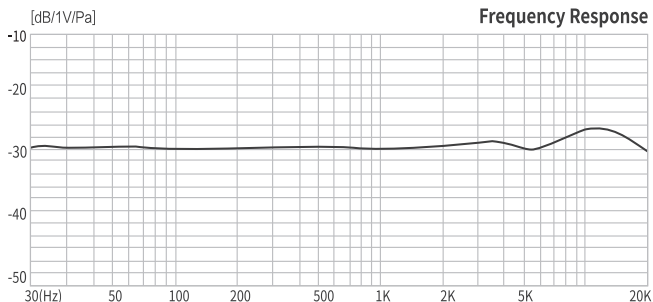
■ Application

- Online Karaoke, live broadcast, recording studio, broadcast TV station, personal recording, instrument recording

■ Product Contents

Microphone	1 pc
Shock mount	1 pc
Windscreen	1 pc
Aluminum carrying case	1 pc
User manual	1 pc

■ Specification



Capsule: Ø34mm large gold plated diaphragm capsule

Polar Pattern: Uni-directional

Frequency Response: 30Hz-20kHz

Sensitivity: -30dB $\pm$ 3dB (0dB=1V/Pa at 1kHz)

Equivalent Noise Level: $\leq$ 20dBA (IEC 581-5)

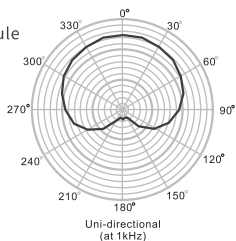
Peak SPL: 130dB (THD $\leq$ 0.5% at 1kHz)

Output Impedance: 200 Ω $\pm$ 30% (at 1kHz)

Operating Voltage: 48V phantom power

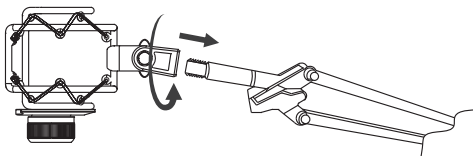
Unit Dimension: Ø52mm*187mm

Net Weight: approx 420g

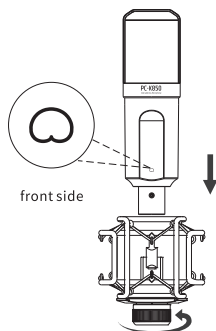


■ Installation

1. Assemble the shock mount onto the microphone stand or the microphone stand boom via tightening the fixing nut. It is recommended to keep the shock mount upward and the nut downward to prevent the microphone drops.

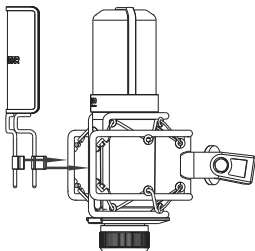


2. The microphone is silkscreened the model number PC-K850 and a "⊖" cardioid directivity mark, this side is the front side, facing this side to the audio source and install to the shock mount, then tighten the fixing nut to hold the microphone.



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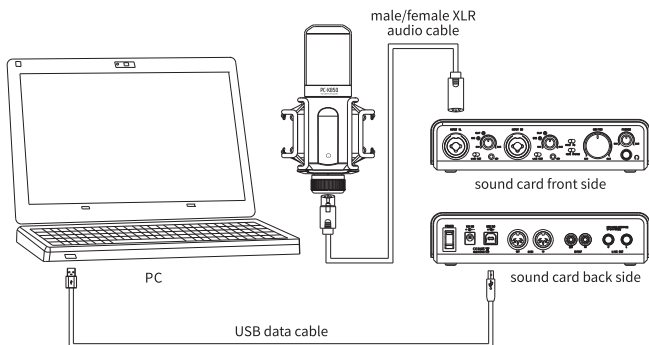
3. Via the two clips to assemble the windscreen onto the shock mount, and adjust the windscreen height.



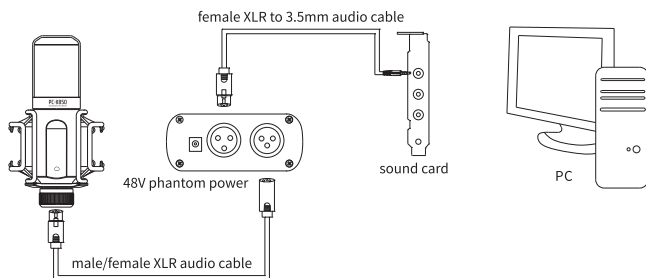
4. Via the male/female XLR cable to connect the microphone connector with microphone balanced input equipment (e.g. sound card, mixer, power amplifier, etc) which has 48V phantom power. If the equipment without phantom power, buy an additional 48V phantom power for connection.

Note: the 48V phantom power specification for this product: DC $\approx$ 48V $\pm$ 4V/2.8mA $\pm$ 20%

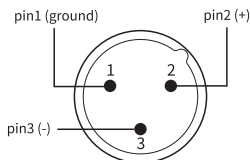
- ① The connecting way of audio equipment with 48V phantom power



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5. Fix the connection cable onto microphone stand or the stand boom, and leave a cable loop to effectively isolate the vibration.
6. Before operation, set the equipment volume control to minimum, then turn on the phantom power switch, increase the volume slowly to the proper volume to avoid too high sound pressure surges the speaker. Put the microphone away from the speaker as much as possible, and keep the capsule against the speaker to avoid feedback.
7. The microphone output connector is a 3 pin XLR male connector.
Refer to the picture 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 after-sales service 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 after-sales service.

■ 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/>



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product information

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