

## TAKSTAR TA-68

# TAKSTAR TA-68 Cardioid Dynamic Microphone User Manual

Model: TA-68

## 1. INTRODUCTION

The TAKSTAR TA-68 is a professional cardioid dynamic microphone designed for vocal recording, stage performances, podcasting, and streaming. It features a robust all-metal construction and a suspension shock-mounted cartridge to minimize handling noise. The microphone delivers a smooth, flat, and wide-range frequency response, ensuring clear and natural sound reproduction.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- TA-68 Microphone (1 unit)
- Mic Clip (1 unit)
- XLR Cable (1 unit)
- Windscreen (1 unit)
- Pleather Pouch (1 unit)
- Aluminum Alloy Carry Box (1 unit)

# PACKAGE CONTENTS



Image: All components included in the TAKSTAR TA-68 microphone package.

## 3. FEATURES

- **High-Quality Voice Reproduction:** The TA-68 offers a smooth, flat, and wide-range frequency response from 50Hz to 16KHz, ensuring clear and natural sound.
- **Suspension Shock-Mounted Cartridge:** Features a newly designed internal suspension system that effectively minimizes mechanical noise, breathing sounds, and handling vibrations.
- **Cardioid Pickup Pattern:** Utilizes a classic cardioid polar pattern to focus on sound sources directly in front of the microphone, reducing unwanted noise from the sides and rear. This results in a warm, natural, and rich sound.
- **Durable All-Metal Construction:** Built with an all-metal body for enhanced durability and reliability in various environments.
- **High Sound Pressure Level Handling:** Capable of withstanding high sound pressure levels, preventing overload distortion during intense vocal performances or loud instruments.
- **Versatile Application:** Suitable for a wide range of uses including studio recording, home recording, podcasting, live streaming, stage performances, and music concerts.

# Quality Sound Starts Here

Hi-Res, high transient response,  $-55\text{dB}\pm 3\text{dB}$  sensitivity High-performance  
remake clear and rich sound details



Image: Internal view of the TA-68 microphone, emphasizing its sound quality components.





Image: Frequency response curve comparison for the TA-68 microphone.

# Cardioid Pickup Pattern



Rejects unwanted noise of all kinds Custom for stage,  
live show singing



Image: Cardioid pickup pattern diagram for the TA-68 microphone.

# Internal Damping Design



Suspension damping system to minimize handling noise and vibration



Image: Internal damping system of the TA-68 microphone.

## 4. SETUP

1. **Unpack the Microphone:** Carefully remove the TA-68 microphone and all accessories from the aluminum alloy carry box.
2. **Attach the Mic Clip:** Secure the provided mic clip to a standard microphone stand. Ensure it is tightened properly to prevent the microphone from slipping.
3. **Mount the Microphone:** Insert the TA-68 microphone into the mic clip. Adjust the angle and height of the microphone stand for optimal positioning.
4. **Connect the XLR Cable:** Connect one end of the supplied XLR cable to the 3-pin XLR connector at the base of the TA-68 microphone. Connect the other end of the XLR cable to your audio interface, mixer, or amplifier. Ensure a secure connection.
5. **Apply Windscreen (Optional):** If you are experiencing plosives (harsh 'p' and 'b' sounds) or wish to reduce breath noise, place the foam windscreen over the microphone grille.
6. **Power On:** Ensure your connected audio device (mixer, interface) is powered on and configured correctly for microphone input.



## 5. OPERATING INSTRUCTIONS

1. **Microphone Positioning:** For optimal vocal performance, position the microphone approximately 6-12 inches (15-30 cm) from the sound source. Experiment with distance and angle to achieve the desired sound.
2. **Gain Adjustment:** Adjust the input gain on your mixer or audio interface. Start with the gain low and gradually increase it until the signal is strong without peaking or distorting.
3. **Monitor Sound:** Use headphones or studio monitors to listen to the microphone's output. This allows you to fine-tune positioning and gain settings.
4. **Cardioid Pattern Utilization:** Due to its cardioid pattern, the TA-68 is most sensitive to sounds directly in front of it. Point the top of the microphone towards the desired sound source and away from unwanted noise sources (e.g., speakers, noisy equipment).
5. **Handling Noise:** While the internal damping system reduces handling noise, holding the microphone firmly and minimizing movement will further improve sound quality, especially in live settings.

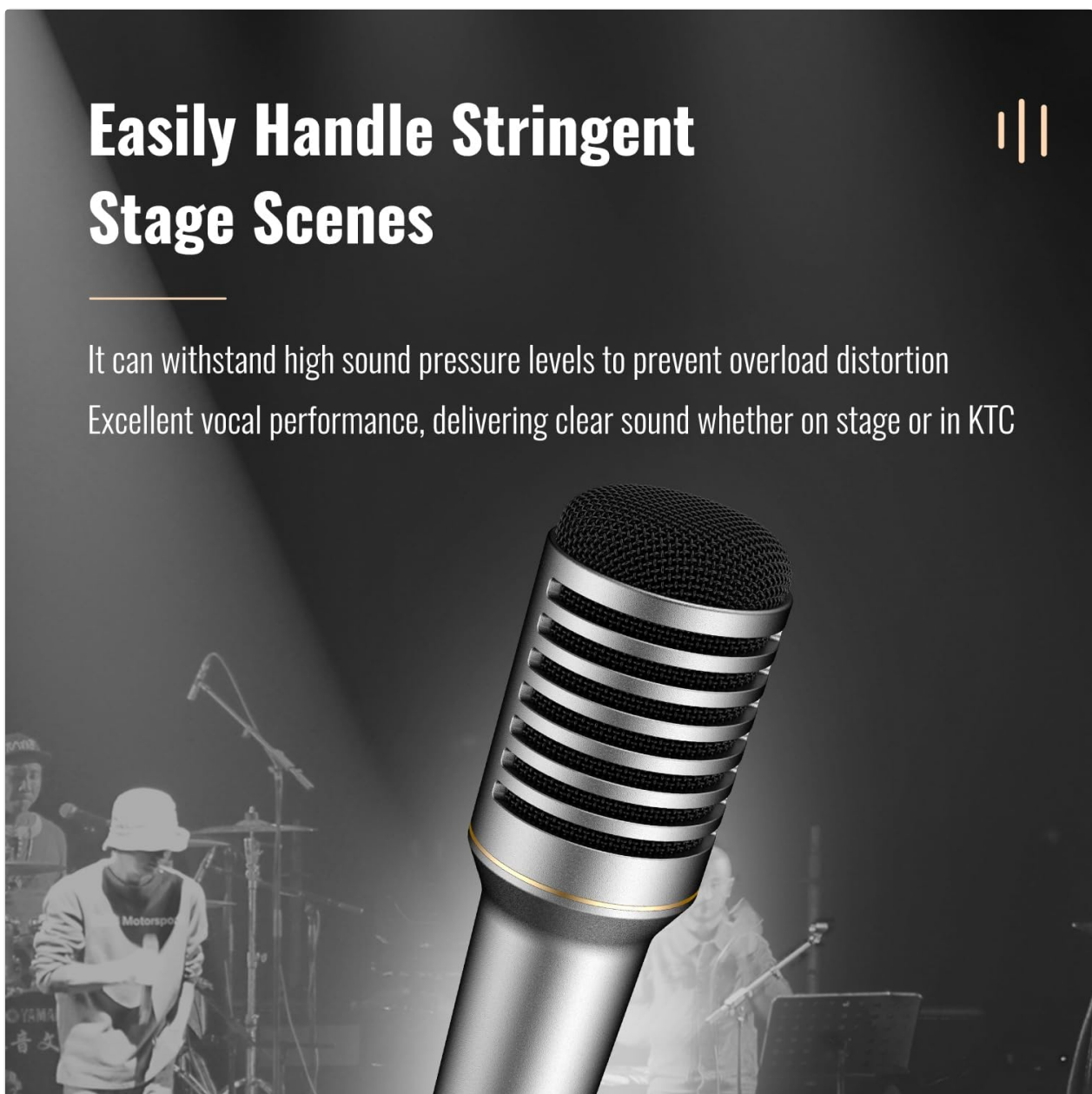


Image: TAKSTAR TA-68 microphone in use during a stage performance.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Windscreen Care:** The foam windscreen can be gently hand-washed with mild soap and water, then air-dried completely before re-use.
- **Storage:** When not in use, store the microphone in its pleather pouch and aluminum alloy carry box to protect it from dust, moisture, and physical damage.
- **Avoid Extreme Conditions:** Do not expose the microphone to extreme temperatures, high humidity, or direct sunlight for extended periods.

## 7. TROUBLESHOOTING

- **No Sound Output:**
  - Check all cable connections (microphone to XLR cable, XLR cable to audio device).
  - Ensure the audio device (mixer, interface) is powered on and the correct input channel is selected.
  - Verify that the input gain on your audio device is turned up sufficiently.
  - Test with a different XLR cable if possible.
- **Distorted Sound:**
  - Reduce the input gain on your audio device.
  - Ensure the microphone is not too close to the sound source, causing overload.
  - Check for damaged cables.
- **Excessive Handling Noise:**
  - Ensure the microphone is securely mounted in the mic clip.
  - Minimize physical contact and movement of the microphone during use.
  - Consider using a higher-quality microphone stand that absorbs more vibration.
- **Feedback (High-pitched squeal):**
  - Move the microphone further away from speakers or monitors.
  - Reduce the volume of the speakers or monitors.
  - Point the microphone away from speakers, utilizing its cardioid pattern.

## 8. SPECIFICATIONS

Specification	Value
Microphone Type	Dynamic
Polar Pattern	Cardioid (Unidirectional)
Frequency Response	50Hz - 16KHz
Impedance	450 Ohm
Sensitivity	-55dB ± 3dB





Specification	Value
Signal-to-Noise Ratio	78 dB
Connector Type	3-pin XLR
Material	Metal
Item Weight	430 Grams (15.2 ounces)
Dimensions	12.05 x 8.31 x 3.9 inches (Package)
Power Source	Corded Electric
Recommended Uses	Singing, Vocal Recording, Stage Performance, Podcasting, Streaming

## 9. WARRANTY AND SUPPORT

TAKSTAR provides a one-year free warranty for the TA-68 microphone from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards. For technical support, warranty claims, or any questions regarding your TAKSTAR TA-68 microphone, please contact TAKSTAR customer service through the official website or your point of purchase. Please have your purchase receipt and product model number (TA-68) available when contacting support. For more information, visit the official TAKSTAR website:[TAKSTAR Official Store](#)

### Related Documents - TA-68

	<p><a href="#">Takstar TA-68 Professional Dynamic Microphone User Manual</a></p> <p>Comprehensive user manual for the Takstar TA-68 Professional Dynamic Microphone. Features include detailed specifications, setup instructions, safety guidelines, and environmental compliance information.</p>
	<p><a href="#">Takstar SM20 Professional Recording Microphone User Manual</a></p> <p>User manual for the Takstar SM20 professional recording microphone, detailing its features, technical specifications, operating instructions, safety precautions, environmental information, and warranty details.</p>

	<p><a href="#">Takstar SM-18 PRO Professional Recording Microphone User Manual</a></p> <p>Comprehensive user manual for the Takstar SM-18 PRO professional recording microphone, detailing its features, technical specifications, operation instructions, and safety guidelines.</p>
	<p><a href="#">TAKSTAR PC-K750 Professional Recording Microphone User Manual</a></p> <p>Comprehensive user manual for the TAKSTAR PC-K750 side-address condenser microphone, covering its features, technical specifications, assembly and operation instructions, safety precautions, and warranty information.</p>
	<p><a href="#">Takstar PC-K200 (2nd Gen) Professional Recording Microphone User Manual</a></p> <p>User manual for the Takstar PC-K200 (2nd Gen) Professional Recording Microphone, providing detailed information on features, specifications, setup, operation, safety precautions, and compliance.</p>
	<p><a href="#">Takstar PC-K220USB Digital Recording Microphone User Manual</a></p> <p>User manual for the Takstar PC-K220USB digital recording microphone, covering features, specifications, installation, operation, and troubleshooting for Windows, macOS, and iOS.</p>

Documents - TAKSTAR – TA-68



[Takstar TA-68 Professional Dynamic Microphone User Manual](#)

Comprehensive user manual for the Takstar TA-68 Professional Dynamic Microphone. Features include detailed specifications, setup instructions, safety guidelines, and environmental compliance information.

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