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TKGOU ArctisX USB Microphone

TKGOU ArctisX USB Condenser Microphone User Manual

Model: ArctisX USB Microphone
Brand: TKGOU

1. Product Overview

The TKGOU ArctisX USB Condenser Microphone is designed for high-quality audio recording and streaming. Featuring a 14mm condenser capsule, 24-bit/192kHz sampling rate, and a cardioid polar pattern, it captures clear and rich sound. Its plug-and-play USB connectivity ensures easy setup across various platforms.



Figure 1: Internal components of the ArctisX USB microphone, highlighting the 14mm condenser capsule and built-in shock absorber for vibration reduction.

Key Features:

- **USB Plug and Play:** No drivers or software required for immediate use.
- **High-Resolution Audio:** Supports up to 24-bit/192kHz for superior sound clarity.
- **Cardioid Polar Pattern:** Focuses on sound directly in front of the microphone, reducing background noise.
- **Tap-to-Mute Sensor:** Quick and easy mute/unmute functionality with an LED status indicator.
- **Integrated Pop Filter:** Minimizes plosive sounds and sibilance for cleaner recordings.
- **Built-in Shock Mount:** Reduces vibrations and handling noise.
- **Wide Compatibility:** Works with PC, PS4, PS5, and Mac.

2. Package Contents

Please verify that all items are present in the package:

- ArctisX USB Microphone x 1
- Adjustable Microphone Stand x 1
- Pop Filter x 1
- USB Type-C to USB-A Cable (6.56 ft) x 1
- Quick Start Guide x 1



Figure 2: All components included in the ArctisX USB Microphone package.

3. Setup Instructions

3.1 Assembling the Microphone

1. Attach the microphone to the adjustable desk stand. Ensure it is securely tightened.
2. If desired, attach the pop filter to the microphone. The pop filter is designed to be easily removable.



Figure 3: The ArctisX microphone with its easily attachable pop filter.

3.2 Connecting to Your Device (Plug and Play)

The ArctisX USB Microphone is plug-and-play, requiring no additional drivers or software for most operating systems.

1. Connect the USB Type-C end of the provided cable to the microphone.
2. Connect the USB-A end of the cable to an available USB port on your PC, PS4, PS5, or Mac.
3. Your operating system should automatically detect and install the microphone.
4. Select the ArctisX USB Microphone as your input device in your system's sound settings or your preferred recording/streaming application.



Figure 4: The ArctisX microphone in a typical setup, ready for use with PC, PS4, PS5, or Mac.

Note: The ArctisX USB Microphone is not compatible with Xbox or mobile phones.

3.3 Boom Arm Compatibility

The microphone's universal adapter fits 5/8-inch threaded setups, allowing it to be mounted on most microphone stands

or boom arms for flexible positioning. (Boom arm not included).



Figure 5: The microphone attached to a boom arm for versatile placement.

4. Operating Instructions

4.1 Tap-to-Mute Sensor

The microphone features a high-response touch-sensitive mute button on its top. Simply tap the button to instantly mute or unmute the microphone. An integrated LED indicator provides visual feedback on the microphone's status:

- **Green Light:** Microphone is active and recording.
- **Red Light:** Microphone is muted.



Figure 6: Tap-to-mute sensor with LED status indicator.

4.2 Noise Reduction

The microphone's cardioid polar pattern and integrated pop filter work together to minimize unwanted background noise and plosives (harsh 'p' and 'b' sounds). This ensures your voice remains clear and focused, ideal for streaming, podcasting, gaming, and online meetings.

4.3 Video Demonstration

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Video 1: A short demonstration of the ArctisX USB microphone's features, including plug-and-play setup, tap-to-mute function, pop filter, flexible stand, cardioid polar pattern, 14mm condenser, 24-bit/192kHz audio, boom arm compatibility, and multi-device support (PC, PS5, Mac).

5. Maintenance

5.1 Cleaning

- Gently wipe the microphone body with a soft, dry cloth to remove dust.
- Do not use liquid cleaners or abrasive materials, as they may damage the microphone's finish or internal components.
- The pop filter can be carefully removed and cleaned with a soft brush if necessary. Ensure it is completely dry before reattaching.

5.2 Storage

When not in use, store the microphone in a clean, dry place away from extreme temperatures and humidity to prolong its lifespan.

6. Troubleshooting

6.1 No Sound or Low Volume

- **Check Connections:** Ensure the USB cable is securely connected to both the microphone and your device.
- **Verify Mute Status:** Check the LED indicator on the microphone. If it's red, tap the mute button to unmute (it should turn green).
- **System Settings:** Go to your device's sound settings (e.g., Windows Sound Settings, macOS Sound Preferences) and ensure the "ArctisX USB Microphone" is selected as the input device. Adjust the input volume level.
- **Application Settings:** If using a specific application (e.g., Zoom, Discord, OBS), check its audio input settings to ensure the ArctisX microphone is selected and its volume is not set too low.
- **Try Another USB Port:** Connect the microphone to a different USB port on your device.
- **Restart Device:** Sometimes a simple restart of your computer or console can resolve connectivity issues.

6.2 Distorted or Unclear Sound

- **Adjust Input Gain:** If the sound is distorted, the input volume might be too high. Reduce the microphone's input level in your system's sound settings or recording software.
- **Check Microphone Placement:** Ensure you are speaking directly into the front of the microphone (the side with the TKGOU logo) and not too close or too far away. Maintain a distance of 6-12 inches (15-30 cm).
- **Use Pop Filter:** Ensure the pop filter is correctly installed to reduce plosive sounds.
- **Environmental Noise:** Minimize background noise in your recording environment. The cardioid pattern helps, but it cannot eliminate all noise.

6.3 Microphone Not Recognized

- **Check Compatibility:** Confirm your device is a PC, PS4, PS5, or Mac. This microphone is not compatible with Xbox or mobile phones.
- **USB Port Functionality:** Test the USB port with another device to ensure it is working correctly.
- **Cable Integrity:** Inspect the USB cable for any visible damage. Try using a different compatible USB cable if available.

7. Specifications

Feature	Specification
Model Name	ArctisX USB Microphone
Brand	TKGOU
Connectivity Technology	USB
Connector Type	USB Type-C to USB-A
Polar Pattern	Cardioid (Unidirectional)
Capsule Type	14mm Condenser
Sample Rate	Up to 192 kHz
Bit Depth	24-bit
Special Features	Adjustable Stand, Tap-to-Mute Function, Built-in Pop Filter, Internal Shock Mount
Compatible Devices	PC, PS4, PS5, Mac
Power Source	Corded Electric (USB Powered)
Item Weight	334 grams

8. Warranty and Support

TKGOU products are manufactured to high standards and undergo rigorous quality checks. For warranty information, technical support, or any inquiries regarding your ArctisX USB Microphone, please refer to the contact information provided with your purchase or visit the official TKGOU website.

Please retain your proof of purchase for warranty claims.

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