

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [XTUGA](#) /
- › [XTUGA DI7 7-Piece Wireless Dynamic Drum Microphone Kit User Manual](#)

XTUGA DI7

XTUGA DI7 7-Piece Wireless Dynamic Drum Microphone Kit User Manual

Model: DI7

INTRODUCTION

The XTUGA DI7 7-Piece Wireless Dynamic Drum Microphone Kit is designed to capture the full dynamic range and tonal characteristics of a drum set for both live performances and studio recording. This kit features specialized microphones for kick drums, snare/toms, and cymbals, ensuring optimal sound reproduction across the entire drum kit.

WHAT'S IN THE BOX

Your XTUGA DI7 kit includes the following components, all housed in a durable aluminum carrying case:

- **1 x Big Drum Microphone:** Optimized for kick bass drums and low-frequency sounds.
- **4 x Small Drum Microphones:** Suitable for tom-toms and snare drums.
- **2 x Condenser Microphones:** Ideal for overheads, cymbals, pianos, and vocals.
- **4 x Thread Clips:** For securing microphones to drum rims.
- **4 x Tom Clamps:** Additional clamps for flexible microphone placement.
- **2 x Windscreens:** For condenser microphones to reduce wind noise.
- **Thread Adapters:** For compatibility with various microphone stands.
- **1 x Durable Aluminum Carrying Case:** For secure storage and transport.

PRODUCT LIST

- Small drum mic*4
- Big drum mic*1
- Long Drum*2
- Dynamic mic clip*5
- Condenser mic clip*2
- Drum Kit Clip*5



Image: All components of the XTUGA D17 kit, including microphones, clips, and windscreens, neatly arranged in the aluminum carrying case.

PRODUCT OVERVIEW

Microphone Types and Features

- **Kick Drum Microphone:** Features a tailored frequency response with a presence boost at 60-100Hz for powerful low-end and clear attack.
- **Small Drum Microphones:** Designed for close-miking tom-toms and snare drums, capturing their punch and resonance.
- **Condenser Microphones:** High-sensitivity microphones with a wide frequency response, ideal for capturing the nuances of cymbals and overhead sounds.

Key Design Elements

- **Supercardioid Rejection Pattern:** Each mic features a uniform supercardioid pickup pattern, providing maximum gain before feedback and rejecting off-axis noise from other instruments or stage chatter.
- **Durable Construction:** All microphones are constructed with a metal alloy body for durability and reliability.

- **Versatile Application:** While optimized for drums, these microphones can also be used for close-miking guitar amplifiers, brass instruments, and woodwinds.



Image: An illustration demonstrating the recommended placement of the big drum microphone, small drum microphones, and condenser microphones on a standard drum kit.

DISTINCTIVE HEART-SHAPED PICK UP PATTERN

It can ensure a high level of pre-feedback gain within its frequency range, effectively suppressing unwanted sounds.



Image: Visual representation of the distinctive heart-shaped pickup pattern of the microphones, designed to suppress unwanted sounds and provide high pre-feedback gain.

SETUP

Mounting Drum Microphones (Kick, Snare, Toms)

1. Identify the appropriate drum microphone for each drum (big mic for kick, small mics for snare/toms).
2. Attach a thread clip or tom clamp to the rim of the drum. The tool-free design allows for quick and secure installation.
3. Screw the microphone onto the threaded mount of the clip/clamp.
4. Adjust the microphone's position to achieve the desired sound capture. Ensure the microphone head is positioned optimally relative to the drum head.
5. Connect an XLR cable (not included) to the microphone's XLR connector.

SPECIAL MICROPHONE FOR DRUM SET

High sensitivity pickup ability



Image: A small drum microphone securely attached to the rim of a tom drum, demonstrating the mounting process.

SMALL DRUM MIC ELEMENT

Snare microphone element: dynamic

Polar diagram: unidirectional

Frequency response: 50 Hz-14 kHz

Sensitivity: -52 dB +/- 3 dB (0 dB = 1 V / Pa at 1 kHz)

Output impedance: 500Ω +/- 30% (at 1 kHz)



XLR connector

Image: Close-up of the durable drum kit clips, designed to firmly secure microphones to various drum types.

Mounting Condenser Microphones (Overheads)

1. Secure the condenser microphone clip to a standard microphone stand (not included).
2. Screw the condenser microphone onto the clip.
3. Position the overhead microphones above the cymbals and drum kit to capture the overall sound and ambiance.
4. Connect an XLR cable (not included) to the microphone's XLR connector.

Video Guide: DI7 Drum Microphone Setup

Video: This official XTUGA video demonstrates the setup and placement of the DI7 drum microphones on a drum kit, providing a visual guide for installation.

OPERATING INSTRUCTIONS

1. **Connect to Audio Interface/Mixer:** Use standard XLR cables (not included) to connect each microphone to your audio interface, mixer, or PA system.
2. **Powering Condenser Microphones:** The condenser microphones may require phantom power (+48V) from your mixer or audio interface to operate. Ensure phantom power is enabled for these channels.

3. **Adjusting Levels:** Set appropriate gain levels on your mixer for each microphone to prevent clipping and ensure a balanced mix.
4. **On/Off Switch (Condenser Mics):** The condenser microphones feature an on/off switch for convenience. Ensure they are in the 'ON' position during use.
5. **Sound Check:** Perform a sound check to fine-tune microphone placement, gain, and EQ settings for optimal sound quality.



Image: The XTUGA D17 microphone kit in action, illustrating its use in both live recording and stage performance environments.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the microphones and clips after each use. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Always store the microphones and accessories in the provided aluminum carrying case when not in use. This protects them from dust, moisture, and physical damage.
- **Cable Care:** Ensure XLR cables are coiled properly and not kinked or strained, as this can damage the internal wiring.
- **Inspection:** Periodically inspect all components for any signs of wear or damage. Replace any

damaged parts to maintain optimal performance.

PRODUCT DETAILS



ZINC ALLOY PIPE BODY

Three layers of lacquer crossing process, full of gorgeous.

METAL BRAIDED MESH HEAD

Durable, drop-proof, no deformation, built-in fine filter, effective anti-noise and anti-interference.



MICROPHONE CLIP

After 30,000 times durability test, anti-oxidation and unchanged.



Image: Detailed view of the microphone's construction, highlighting the durable zinc alloy pipe body and the robust metal braided mesh head, designed for longevity and performance.

TROUBLESHOOTING

• No Sound:

- Check all cable connections to ensure they are secure.
- Verify that phantom power is enabled for condenser microphones on your mixer/interface.
- Ensure the on/off switch on condenser microphones is in the 'ON' position.
- Check gain levels on your mixer/interface.

• Distorted Sound:

- Reduce the gain level on your mixer/interface to prevent clipping.
- Adjust microphone placement to avoid excessive proximity to the sound source.

• Feedback:

- Reposition microphones to minimize pickup from speakers or monitors.
 - Utilize the supercardioid pattern by ensuring the microphone is pointed directly at the sound source and away from unwanted noise.
 - Lower overall volume or specific frequency bands on your mixer/EQ.
- **Intermittent Signal:**
 - Inspect XLR cables for damage. Try swapping cables to identify if the cable is faulty.
 - Ensure microphone connectors are clean and free of debris.

SPECIFICATIONS

Feature	Specification
Brand	XTUGA
Model Name	DI7
Connectivity Technology	XLR
Connector Type	XLR
Material	Metal
Polar Pattern	Unidirectional
Audio Sensitivity	70 Decibels
Signal-to-Noise Ratio	70 dB
Item Weight	7.06 pounds (3.21 Kilograms)
Product Dimensions (L x W x H)	17.72 x 13.39 x 5.91 inches
Color	Black
Included Components	Case

QUALITY DRUM KIT CLIP

According to different musical instruments, drum kit clips can fix the corresponding microphones firmly.



Image: Technical specifications for the small drum microphone element, detailing its dynamic nature, unidirectional polar pattern, frequency response (50 Hz-14 kHz), sensitivity (-52 dB +/- 3 dB), and output impedance (500Ω +/- 30%).

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your XTUGA DI7 Drum Microphone Kit, please refer to the official XTUGA website or contact their customer service directly. Keep your purchase receipt for warranty claims.

You can visit the XTUGA Store for more products and support: [XTUGA Store on Amazon](#)