

TAKSTAR DM-2300

TAKSTAR DM-2300 Handheld Dynamic Microphone Instruction Manual

Model: DM-2300

1. INTRODUCTION

The TAKSTAR DM-2300 is a high-quality handheld dynamic microphone engineered for clear and powerful vocal reproduction. Its robust construction and tailored frequency response make it suitable for various applications, including live performances, singing, karaoke, and public speaking. This manual provides essential information for the proper setup, operation, and maintenance of your DM-2300 microphone.





Image 1: The TAKSTAR DM-2300 Handheld Dynamic Microphone.

2. WHAT'S IN THE BOX

Please verify that all components are present in the package:

- DM-2300 Microphone (1 pc)
- Ø 6.35mm x 6m Straight Connecting Wire (1 pc)
- Drawstring Bag (1 pc)

Dual-core Shielded Wire - Stable transmission,
electromagnetic interference.



Image 2: Package contents of the TAKSTAR DM-2300 microphone.

3. KEY FEATURES

- **Ideal for Live Performances:** Specifically designed for stage use, karaoke, and vocal presentations, ensuring a powerful and clear sound.
- **Enhanced Vocal Clarity:** Features a frequency response optimized for vocals, delivering rich mid-range and detailed high-frequency sounds.
- **Superior Noise Reduction:** The cardioid pickup pattern effectively isolates the main sound source while minimizing unwanted background noise.
- **Durable and Comfortable Design:** Constructed with a zinc alloy body and a copper mesh head for a comfortable grip and long-lasting durability.
- **Anti-Roll and Interference-Free:** A multi-faceted mesh ring design prevents rolling. The dual-core shielded cable ensures stable, long-distance transmission by reducing electromagnetic interference.

DM2300 - Clear & Natural Sound

Suitable for live performances by singers and presenters



Image 3: Microphone in use, demonstrating clear and natural sound reproduction.

**Correcting vocal frequency response,
rich MF and delicate HF**

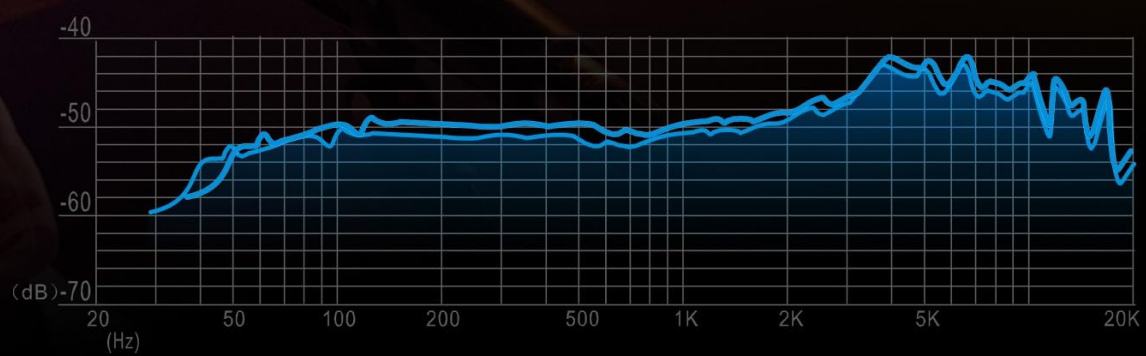


Image 4: Frequency response graph highlighting vocal optimization.

DM2300 - Cardioid Polar Pattern

Effectively record the main sound source and
reduce background noise



Image 5: Cardioid polar pattern for effective sound isolation.

DM2300 - Zinc Alloy Body, Superior Feel



Image 6: Zinc alloy body construction for durability.

Product content



Image 7: Dual-core shielded cable for stable signal transmission.

4. SETUP INSTRUCTIONS

1. **Connect the Cable:** Insert the XLR end of the provided cable into the microphone's XLR output port.
2. **Connect to Audio Device:** Insert the 1/4" (6.35mm) end of the cable into the microphone input jack of your audio device (e.g., amplifier, audio mixer, PA system, karaoke machine, or speaker). Ensure the audio device is powered off before making connections.
3. **Secure Placement:** For optimal performance and to minimize handling noise, it is recommended to mount the microphone on a stand using a compatible microphone clip (not included).

5. OPERATING INSTRUCTIONS

1. **Power On:** Locate the ON/OFF switch on the microphone body. Slide the switch to the 'ON' position to activate the microphone.
2. **Adjust Audio Device:** Power on your audio device and adjust its input gain or volume control to an appropriate level. Start with a low volume and gradually increase it to avoid feedback or distortion.

- 3. **Microphone Positioning:** Hold the microphone firmly, pointing the top (grille) directly towards the sound source (e.g., your mouth). For vocals, a distance of 2 to 6 inches (5-15 cm) is generally recommended.
- 4. **Cardioid Pickup:** The DM-2300 features a cardioid polar pattern, meaning it is most sensitive to sounds coming from the front and less sensitive to sounds from the sides and rear. This helps in reducing ambient noise and feedback.
- 5. **Power Off:** When finished using the microphone, slide the ON/OFF switch to the 'OFF' position. Power off your audio device before disconnecting the microphone.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. Do not use abrasive cleaners, solvents, or immerse the microphone in water.
- **Storage:** Store the microphone in its provided drawstring bag when not in use to protect it from dust and physical damage.
- **Environmental Conditions:** Avoid exposing the microphone to extreme temperatures, high humidity, or direct sunlight.
- **Handling:** Handle the microphone with care. Avoid dropping it or subjecting it to strong impacts.
- **Disassembly:** Do not attempt to disassemble or modify the microphone. This may void any warranty and could cause damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Microphone switch is OFF Cable not properly connected Audio device input issues	Slide switch to 'ON' Ensure cable is securely connected at both ends Check audio device's volume, input selection, and gain settings
Poor sound quality / Feedback	Incorrect microphone positioning High gain on audio device Microphone too close to speakers	Adjust microphone position, ensure it's pointed at the sound source Reduce input gain on your audio device Increase distance between microphone and speakers, or adjust speaker direction
Excessive handling noise	Microphone being moved excessively while held	Minimize movement when holding the microphone Consider using a microphone stand for stationary use

8. SPECIFICATIONS

- **Microphone Form Factor:** Handheld
- **Polar Pattern:** Unidirectional (Cardioid)
- **Connectivity Technology:** XLR
- **Connector Type:** 1/4" (6.35mm) to XLR
- **Power Source:** Corded Electric
- **Item Weight:** Approximately 2.05 pounds (0.93 Kilograms)

- **Manufacturer:** TAKSTAR
- **Model Name:** DM-2300
- **Special Feature:** Noise Reduction
- **Compatible Devices:** Amplifier, Audio Interface, Audio Mixer, PA System, Speaker

9. WARRANTY AND SUPPORT



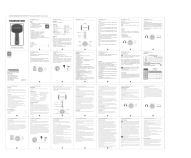


For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official TAKSTAR website. Keep your purchase receipt as proof of purchase for any warranty claims.

For additional assistance, you may contact TAKSTAR customer service through their official channels.



© 2025 TAKSTAR. All rights reserved.

Related Documents - DM-2300

	<p>Takstar TA-68 Professional Dynamic Microphone User Manual</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>Takstar SM20 Professional Recording Microphone User Manual</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>Takstar H1 All-in-one Karaoke Microphone User Manual</p> <p>User manual for the Takstar H1 All-in-one Karaoke Microphone, detailing features, operation, specifications, troubleshooting, and safety guidelines for wireless karaoke, music listening, and recording.</p>
	<p>Takstar DA10 Speech Microphone User Manual - Features, Specs, and Operation</p> <p>Comprehensive user manual for the Takstar DA10 speech microphone. Learn about its features, specifications, applications, functions, wireless pairing, and safety precautions. Includes detailed descriptions of product operation.</p>
	<p>Takstar PCM-5600(GEN 2) Handheld Condenser Microphone User Manual</p> <p>Comprehensive user manual for the Takstar PCM-5600(GEN 2) handheld condenser microphone, detailing its features, technical specifications, operation, and safety guidelines for optimal performance.</p>



[\[pdf\]](#) Specifications Catalog

TAKSTAR 2022 Product Catalogue Administrator ien takstar upload File |||

you can hear it www.takstar.com 2022 PRODUCT CATALOGUE Recording

Webcast/Interview/Headphones/Instr ... Sensitivity: -51dB3dB 0dB=1V/Pa at 1kHz
Output Impedance: 35030 at 1kHz Net Weight: 350g **DM-2300** Features High sound
pressure handling capability Clear sound reproduction for live applic...

lang:en **score:16** filesize: 17.8 M page_count: 44 document date: 2022-03-21



[\[pdf\]](#) Catalog

TAKSTAR 2024 Product Catalogue ien takstar upload File |||

2024 PRODUCT CATALOGUE Recording

Webcast/Interview/Headphones/Instrument/Portable Amplifier/Conferen ... de creative
solutions for users all around the world. Instrument Speaker Busking Speaker
Optional **DM-2300** Dynamic Mic 49 OD200 Features Portable, multi-functional
speaker designed for entertainme...

lang:en **score:16** filesize: 30.39 M page_count: 107 document date: 2024-03-05



[Takstar 2024 Product Catalogue: Professional Audio Equipment](#)

Discover the comprehensive 2024 Product Catalogue from Takstar, featuring a wide
array of professional audio solutions including microphones, headphones, amplifiers,
conference systems, and wireless audio gear for recording, live sound, and
broadcasting.

lang:en **score:15** filesize: 30.26 M page_count: 107 document date: 2024-04-02



[\[pdf\]](#) Catalog

2023 20230210 Administrator TAKSTAR 2023 Product Catalogue ien takstar upload File |||

2023 PRODUCT CATALOGUE Recording

Webcast/Interview/Headphones/Instrument/Portable Amplifier/Conferen ... the same
time provide creative solutions for users all around the world. 014 Dynamic
Microphone **DM-2300** Features High sound pressure handling capability Clear sound
reproduction for live applic...

lang:en **score:15** filesize: 20.9 M page_count: 92 document date: 2023-02-20

[\[pdf\]](#) Specifications Accessories Catalog

TAKSTAR 2021 Product catalogue Administrator The picture is for reference only subject to the actual product right interpret belongs Guangdong Takstar Electronic Co Ltd Specifications are change without prior Our range has since grown into a diverse array of professional microphones headphone sets voice amplifiers and integrated applications ien takstar upload File |||

you can hear it www.takstar.com Guangdong Takstar Electronic Co., Ltd.

AddressNo.2 Fu Kang Yi Rd., ... nsitivity: -51dB3dB 0dB=1V/Pa at 1kHz Output Impedance: 35030 at 1kHz Net Weight: 350g 041 **DM-2300** Features High sound pressure handling capability Clear sound reproduction for live applic...

lang:en **score:15** filesize: 17.29 M page_count: 42 document date: 2021-03-15



[\[pdf\]](#) Borchure Catalog

Danh mục sản phẩm Takstar 2024 2025 takstarvietnam net TAKSTAR Product Catalogue userfiles

brochures Brochure DG U100T1 Đế Micro hội nghị không dây |||

2023 PRODUCT CATALOGUE mua sn phm chnh hng - vui lng truy cp website

<https://takstarvietnam.net> hoc ... the same time provide creative solutions for users all around the world. 014 Dynamic Microphone **DM-2300** Features High sound pressure handling capability Clear sound reproduction for live applic...

lang:en **score:14** filesize: 20.9 M page_count: 92 document date: 2024-04-14



[\[pdf\]](#) Catalog

2018 2018 04 11 cdr nx you can hear it Catalogue 1527479272000 ien takstar upload File |||

_j l IL . you can hear it www.takstar.com 2018 Catalogue China Famous Trademark N O- m w ... 40Hz-16kHz Sensitivity: 52dB :t 3dB 0dB=1V/Pa at 1kHz Output Impedance: 6000 :t 30 at 1kHz **DM-2300** Features High sound pressure handling capability Clear sound reproduction for live applica...

lang:en **score:11** filesize: 17.57 M page_count: 68 document date: 2018-05-28





[\[pdf\]](#) Declaration of Conformity Test Report

HD 271 S1 LAB02 JYTSZE200311201V01 FCC 15B class B Lenbrook Industries Limited M33 BLOUS
STREAMING DAC AMPLIFIER SVC SVCM33 m33

JianYan Testing Group Shenzhen Co., Ltd. Report No: JYTSZE200311201V01 1

Cover Page FCC REPORT Appl ... UGREER LENOVO Description Smart Phone
Sound Wired Microphone 3.5mm to RCA Laptop Model P10 P400A **DM-2300** AV132
SL510 Serial Number / / / / 2847A65 FCC ID/DoC DoC / / / DoC 5.6 Related Submittal

...

lang:en score:10 filesize: 1.94 M page_count: 16 document date: 2020-12-02