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beyerdynamic TGV35ds

beyerdynamic TG V35 Dynamic Supercardioid Microphone User Manual

Model: TGV35ds | Brand: beyerdynamic

1. INTRODUCTION

The beyerdynamic TG V35 is a reliable and rugged dynamic supercardioid microphone designed for vocal applications. It offers natural sound reproduction and high feedback rejection, making it suitable for various performance environments. Its high output level ensures impressive results even with a simple pre-amplifier.

Key Features:

- Dynamic microphone with supercardioid polar pattern for high feedback rejection.
- Treble resonator for expanded upper frequency range.
- Special sound holes for increased feedback reduction.
- Flat, wide frequency response for uncolored sound reproduction.
- Durable construction with a noiseless on/off switch.



Image 1.1: The beyerdynamic TG V35 microphone in use by a vocalist.

2. WHAT'S IN THE BOX

Upon unboxing your beyerdynamic TG V35 microphone, please ensure all the following components are present:

- beyerdynamic TG V35 Dynamic Supercardioid Microphone
- MKV 108 microphone clamp
- XLR cable (4.5 m)
- Storage Bag



Image 2.1: Front view of the beyerdynamic TG V35 microphone, showing the on/off switch.

3. SETUP INSTRUCTIONS

1. **Attach Microphone Clamp:** Securely fasten the supplied MKV 108 microphone clamp to a standard microphone stand (not included).
2. **Mount Microphone:** Carefully insert the beyerdynamic TG V35 microphone into the microphone clamp. Ensure it is held firmly.
3. **Connect XLR Cable:** Connect one end of the supplied 4.5m XLR cable to the XLR connector at the base of the microphone. Connect the other end of the XLR cable to an input on your amplifier, mixer, or audio interface. Ensure a secure connection at both ends.
4. **Power On/Off Switch:** The microphone features an on/off switch located on its body. Before connecting or disconnecting, ensure the switch is in the 'Off' position to prevent sudden loud noises or potential damage to your audio equipment.

4. OPERATING INSTRUCTIONS

To achieve optimal sound quality and performance from your beyerdynamic TG V35 microphone, follow these guidelines:

- **Switching On:** Once connected, slide the on/off switch to the 'On' position.
- **Microphone Placement:** For vocals, hold the microphone approximately 2-6 inches (5-15 cm) from your mouth. Experiment with distance to find the best balance between vocal presence and avoiding plosives (harsh 'p' and 'b' sounds).
- **Supercardioid Pattern:** The TG V35 features a supercardioid polar pattern, which means it is most sensitive to sound directly in front of it and rejects sound from the sides and rear more effectively than a cardioid microphone. This helps in reducing feedback and isolating your vocals from other stage sounds. Aim the top of the microphone directly at the sound source.
- **Gain Staging:** Adjust the gain on your mixer or amplifier to an appropriate level. Start with a low gain setting and gradually increase it until your vocals are clear and strong without clipping or distortion.
- **Switching Off:** When not in use, slide the on/off switch to the 'Off' position to mute the microphone and prevent unwanted noise.

5. MAINTENANCE

Proper maintenance will extend the life and performance of your microphone:

- **Cleaning:** Use a soft, dry cloth to wipe the microphone body. For the grille, a soft brush can be used to gently remove dust or debris. Do not use liquid cleaners directly on the microphone.
- **Storage:** When not in use, store the microphone in the provided storage bag 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 prolonged periods.
- **Cable Care:** Always handle the XLR cable by the connector, not the cable itself, when plugging or unplugging. Avoid sharp bends or kinks in the cable.

6. TROUBLESHOOTING

If you encounter issues with your beyerdynamic TG V35 microphone, consider the following:

- **No Sound:**
 - Ensure the microphone's on/off switch is in the 'On' position.
 - Check all cable connections (microphone to XLR, XLR to amplifier/mixer) are secure.
 - Verify the input channel on your amplifier/mixer is selected and its gain/volume is turned up.
 - Test with a different XLR cable if possible.
- **Poor Sound Quality / Low Volume:**
 - Adjust the gain on your amplifier/mixer.
 - Ensure you are speaking directly into the front of the microphone grille.
 - Check for any obstructions on the microphone grille.
 - Ensure the microphone is not too far from the sound source.
- **Feedback (High-pitched squealing):**

- Reduce the overall volume or the gain of the microphone channel.
- Move the microphone further away from loudspeakers or monitors.
- Adjust the position of the microphone relative to the speakers, utilizing its supercardioid pattern to reject sound from the sides and rear.

7. SPECIFICATIONS

Feature	Specification
Model Name	TG V35 s
Item Model Number	TGV35ds
Brand	beyerdynamic
Microphone Form Factor	Microphone only
Polar Pattern	Super Cardioid
Connectivity Technology	XLR
Connector Type	XLR
Audio Sensitivity	40 Decibels
Frequency Response	18 KHz
Signal-to-Noise Ratio	87 dB
Material	Metal
Color	Black
Item Weight	1.1 pounds (0.5 Kilograms)
Product Dimensions (L x W x H)	7.32 x 1.97 x 1.97 inches (18.6 cm x 5 cm x 5 cm)
Recommended Uses	Singing, Speech, Karaoke
Compatible Devices	Amplifier
Date First Available	February 4, 2012

8. WARRANTY INFORMATION

This beyerdynamic product is covered by the manufacturer's limited warranty. Please refer to the warranty card included with your purchase or visit the official beyerdynamic website for detailed terms and conditions regarding warranty coverage, duration, and claims procedures. Keep your proof of purchase for warranty validation.

9. SUPPORT

For technical assistance, product inquiries, or service requests, please contact beyerdynamic customer support. You can find contact information, FAQs, and additional resources on the official beyerdynamic website. When contacting support, please have your product model (TG V35ds) and serial number ready.

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