

TELEFUNKEN Capsule Set

TELEFUNKEN Elektroakustik TK60, TK61, TK62 Microphone Capsule Set User Manual

Model: Capsule Set

1. INTRODUCTION

Thank you for choosing the TELEFUNKEN Elektroakustik TK60, TK61, and TK62 Microphone Capsule Set. This set provides versatile options for your modular microphone system, allowing you to adapt your microphone's polar pattern to various recording situations. Each capsule is meticulously crafted to deliver specific sonic characteristics, ensuring high-quality audio capture for professional applications.

This manual provides essential information for the proper setup, operation, and maintenance of your capsule set. Please read it thoroughly before use to ensure optimal performance and longevity of your equipment.

2. SAFETY INFORMATION

- **Handle with Care:** Microphone capsules are delicate precision instruments. Avoid dropping or subjecting them to physical shock.
- **Environmental Conditions:** Do not expose capsules to extreme temperatures, high humidity, dust, or corrosive substances.
- **Cleaning:** Refer to the Maintenance section for proper cleaning procedures. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store capsules in their protective cases when not in use to prevent damage.
- **Unauthorized Modifications:** Do not attempt to disassemble or modify the capsules. This will void the warranty and may cause irreparable damage.

3. SETUP

The TELEFUNKEN TK60, TK61, and TK62 capsules are designed for quick and secure attachment to compatible TELEFUNKEN modular microphone bodies (sold separately).

1. **Preparation:** Ensure both the microphone body and the desired capsule are clean and free of dust or debris.
2. **Attachment:** Gently align the threaded base of the capsule with the top of the microphone body. Carefully screw the capsule onto the body in a clockwise direction until it is finger-tight. Do not

overtighten, as this can damage the threads or internal components.

3. **Verification:** Once attached, ensure the capsule is seated securely and there is no wobble.
4. **Detachment:** To remove a capsule, gently unscrew it counter-clockwise from the microphone body. Store the detached capsule in its protective casing.



Image 1: The TELEFUNKEN TK60, TK61, and TK62 Microphone Capsules. These capsules are designed to be interchangeable with a compatible microphone body, offering different pickup patterns for various recording applications.

4. OPERATING

Each capsule in this set offers a distinct polar pattern, influencing how the microphone captures sound from different directions. Understanding these patterns is crucial for effective use.

- **TK60 (Omnidirectional):** This capsule captures sound equally from all directions. It is ideal for recording ambient sounds, room acoustics, or when you want to capture a wide, natural soundstage. It exhibits minimal proximity effect.
- **TK61 (Cardioid):** The cardioid pattern is most sensitive to sound coming from the front and rejects sound from the rear. This makes it suitable for isolating individual sound sources, such as vocals or instruments, in live or studio environments. It exhibits proximity effect, where bass response increases as the microphone moves closer to the sound source.

- **TK62 (Hypercardioid):** The hypercardioid pattern is similar to cardioid but offers a tighter pickup from the front and greater rejection from the sides, with a small lobe of sensitivity directly at the rear. This pattern is excellent for maximum isolation of a sound source and can be useful in situations with significant off-axis noise. It also exhibits proximity effect.

Always ensure the capsule is securely attached to the microphone body before connecting the microphone to an audio interface or mixer. Refer to your microphone body's manual for specific power requirements and connection instructions.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your TELEFUNKEN capsules.

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the exterior of the capsules. Do not use water, solvents, or abrasive cleaners. Avoid touching the gold mesh grille directly, as this can damage the delicate diaphragm.
- **Storage:** When not in use, store the capsules in their original protective cases or a dedicated microphone case. Ensure they are kept in a cool, dry environment, away from direct sunlight and sources of vibration.
- **Handling:** Always handle capsules by their metal body, not by the grille. Avoid exposing them to sudden changes in temperature or humidity.

6. TROUBLESHOOTING

If you encounter issues with your capsule set, perform the following basic checks:

- **No Sound:**
 - Ensure the capsule is securely screwed onto the microphone body.
 - Verify that the microphone body is properly connected to your audio interface or mixer.
 - Check if phantom power (if required by your microphone body) is activated and functioning correctly.
 - Test with a different cable or input channel.
- **Distorted Sound:**
 - Check input gain levels on your audio interface or mixer to ensure they are not too high, causing clipping.
 - Ensure the capsule is clean and free of debris.
 - Verify that the microphone body is functioning correctly with another capsule (if available).
- **Intermittent Sound:**
 - Check all cable connections for looseness or damage.
 - Ensure the capsule is firmly attached to the microphone body.

If these steps do not resolve the issue, please contact TELEFUNKEN Elektroakustik customer support for further assistance.

7. SPECIFICATIONS




Feature	Detail
Product Dimensions	9 x 8 x 9 inches





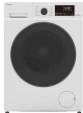
Item Weight	8 pounds
ASIN	B00LICK2P2
Item Model Number	Capsule Set

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the documentation provided with your original purchase or visit the official TELEFUNKEN Elektroakustik website. Do not attempt to repair the capsules yourself, as this may void the warranty and cause further damage.

Related Documents - Capsule Set

 <p>TELEFUNKEN PORTABLE MUSIC SYSTEM WITH BLUETOOTH ПОРТАТИВНАЯ МУЗЫКАЛЬНАЯ СИСТЕМА С BLUETOOTH TF-MS3301B Instruction manual Руководство по эксплуатации</p>	<p>Telefunken TF-MS3301B Portable Music System with Bluetooth - Instruction Manual</p> <p>Comprehensive instruction manual for the Telefunken TF-MS3301B portable music system. Learn how to connect, operate, and maintain your Bluetooth speaker, including features like FM radio, microphone input, and TWS functionality.</p>
 <p>TELEFUNKEN ISTRUZIONI PER L'USO OPERATING INSTRUCTIONS TE50292S26Y2P TELEVISORE A COLORI CON TELECOMANDO COLOUR TELEVISION WITH REMOTE CONTROL HDMI</p>	<p>TELEFUNKEN TE50292S26Y2P Operating Instructions and Specifications</p> <p>Comprehensive operating instructions, safety information, features, connectivity options, troubleshooting, and technical specifications for the TELEFUNKEN TE50292S26Y2P colour television. Includes VESA mount details and product fiche information.</p>
 <p>TELEFUNKEN PORTABLE MINI MUSIC SYSTEM WITH BLUETOOTH ПОРТАТИВНАЯ МУЗЫКАЛЬНАЯ МИНИ СИСТЕМА С BLUETOOTH TF-PS2205 Instruction manual Руководство по эксплуатации</p>	<p>Telefunken TF-PS2205 Portable Mini Music System with Bluetooth - Instruction Manual</p> <p>User manual for the Telefunken TF-PS2205 portable mini music system with Bluetooth. Includes setup, operation, troubleshooting, specifications, and warranty information.</p>

<div><div>TELEFUNKEN</div><div></div><div>TWS EARBUDS WITH BLUETOOTH НАУШНИКИ TWS С BLUETOOTH TRUE WIRELESS STYLE TF-1003B Instruction manual Руководство по эксплуатации</div><div></div></div>	<p>TELEFUNKEN TF-1003B True Wireless Earbuds with Bluetooth - Instruction Manual</p> <p>Official instruction manual for the TELEFUNKEN TF-1003B True Wireless Earbuds with Bluetooth. Learn about setup, operation, charging, pairing, maintenance, and specifications.</p>
<div><div>TELEFUNKEN</div><div></div><div>PORTABLE AUDIO SYSTEM WITH BLUETOOTH ПОРТАТИВНАЯ АУДИОСИСТЕМА С BLUETOOTH TF-PS2212 Instruction manual Руководство по эксплуатации</div><div></div></div>	<p>TELEFUNKEN TF-PS2212 Portable Audio System with Bluetooth - Instruction Manual</p> <p>User manual for the TELEFUNKEN TF-PS2212 portable audio system with Bluetooth, covering setup, operation, features, specifications, troubleshooting, and warranty information.</p>
<div><div>TELEFUNKEN</div><div>10KG/6KG FRONT LOAD WASHING/DRYER COMBO TF1060AU10FLWD</div><div></div><div>INSTRUCTION MANUAL</div><div><small>Read this before using the machine. Always observe the safety instructions.</small></div></div>	<p>TELEFUNKEN TF1060AU10FLWD 10KG/6KG Front Load Washing/Dryer Combo Instruction Manual</p> <p>This instruction manual provides essential safety information, setup guides, operating instructions, maintenance tips, and specifications for the TELEFUNKEN TF1060AU10FLWD 10KG/6KG Front Load Washing/Dryer Combo.</p>