

AKG HT4500

AKG Pro Audio HT4500 Band 7 Reference Wireless Handheld Transmitter User Manual

Model: HT4500

INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your AKG Pro Audio HT4500 Band 7 Reference Wireless Handheld Transmitter. The HT4500 is designed for professional audio applications, offering reliable wireless transmission and high-quality sound. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Figure 1: AKG HT4500 Wireless Handheld Transmitter. This image displays the black handheld transmitter with a silver dynamic microphone grille. The AKG logo is visible on the body, along with the model designation "HT 4500".

SAFETY INFORMATION

Always observe the following safety precautions to prevent damage to the device or personal injury:

- Do not expose the transmitter to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to severe impacts.

- Use only the specified battery type (AA alkaline) and ensure correct polarity during installation.
- Do not attempt to open or modify the device. Refer all servicing to qualified personnel.
- Keep the device away from water or other liquids.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x HT4500 Handheld Transmitter
- 2 x AA batteries
- 1 x Stand Adapter

SETUP

1. Battery Installation

1. Unscrew the lower part of the transmitter body to access the battery compartment.
2. Insert two (2) AA alkaline batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Securely screw the lower part of the transmitter body back into place.
4. The HT4500 provides approximately 15 hours of operation with fresh AA alkaline batteries.

2. Microphone Head Attachment

The HT4500 supports interchangeable microphone heads. To attach a microphone head:

1. Align the microphone head with the top of the transmitter body.
2. Gently screw the microphone head onto the transmitter until it is firmly seated. Do not overtighten.

3. Powering On/Off

Locate the power button on the transmitter. Press and hold the power button for a few seconds to turn the unit on or off. The display will illuminate upon power-on.

4. Synchronization with Receiver

For wireless operation, the HT4500 must be synchronized with a compatible AKG wireless receiver. Refer to your receiver's manual for detailed synchronization instructions. Generally, this involves:

- Setting the receiver to scan for available frequencies.
- Initiating the synchronization process on the transmitter (e.g., via infrared or manual frequency setting).
- Confirming successful pairing on both the transmitter and receiver displays.

OPERATING INSTRUCTIONS

Basic Operation

- **Mute Function:** The transmitter features a mute switch. Activate it to temporarily silence the microphone output without powering down the unit.
- **Display Information:** The integrated display shows critical information such as the selected frequency, channel, and remaining battery life in hours. This real-time display helps in managing

operational time effectively.

Transmission Power

The HT4500 offers up to 50mW transmission power, ensuring robust radio signal strength for long-distance applications and reliable performance in challenging RF environments. Adjusting transmission power may be possible via the transmitter's menu or in conjunction with the receiver, depending on local regulations and operational needs.

Antenna Technology

The unique dipole-antenna design of the HT4500 ensures reliable transmission even when one pole of the antenna is partially or completely covered by the user's hand, minimizing signal dropouts during performance.

MAINTENANCE

Cleaning

- Wipe the exterior of the transmitter with a soft, dry cloth.
- For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and internal components.
- Regularly inspect the microphone grille for debris and gently clean if necessary.

Battery Care and Replacement

- Replace batteries promptly when the display indicates low power to avoid interruption during use.
- Remove batteries if the transmitter will not be used for an extended period to prevent leakage and damage.
- Dispose of used batteries according to local regulations.

Storage

Store the HT4500 in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case to prevent physical damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Dead or incorrectly installed batteries.	Replace batteries with fresh AA alkaline batteries, ensuring correct polarity.
No audio output	Transmitter muted; incorrect frequency/channel; receiver not powered or connected; microphone head not properly attached.	Check mute switch; ensure transmitter and receiver are on the same frequency/channel; verify receiver connections; re-attach microphone head securely.
Intermittent signal or dropouts	Interference; excessive distance from receiver; low battery; antenna obstruction.	Change frequency/channel; reduce distance to receiver; replace batteries; ensure clear line of sight to receiver antenna.

Problem	Possible Cause	Solution
Poor audio quality (noise, distortion)	Interference; gain settings incorrect; damaged microphone head.	Change frequency/channel; adjust gain settings on transmitter and receiver; try a different microphone head if available.

SPECIFICATIONS

Feature	Detail
Brand	AKG
Model Name	HT4500 Band7 50mW Reference Wireless Handheld Transmitter
Item Model Number	3201H00280
Microphone Form Factor	Microphone Only
Power Source	Battery Powered (2 x AA Alkaline)
Battery Life	Up to 15 hours (with AA alkaline batteries)
Number of Channels	50
Transmission Power	Up to 50mW
Connectivity Technology	Wireless
Connector Type	Wireless
Special Feature	Wireless
Compatible Devices	Digital Receiver
Color	Black
Item Weight	125 Grams (4.4 ounces)
Package Dimensions	14 x 9.4 x 4 inches
UPC	885038021636
Date First Available	April 4, 2013

WARRANTY INFORMATION

AKG products are manufactured to high-quality standards and are covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of your warranty may vary by region and product. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the official AKG website or contact customer support.

SUPPORT






Should you encounter any issues not covered in this manual or require further assistance, please contact

AKG customer support.

- **Online Support:** Visit the official AKG website for FAQs, product registration, and support resources.
- **Contact Information:** Refer to the AKG website for regional contact details, including phone numbers and email addresses.

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Related Documents - HT4500

	<p>AKG Perception Wireless SR 45 User Manual</p> <p>Comprehensive user manual for the AKG Perception Wireless SR 45 system, covering setup, operation, troubleshooting, and specifications for the HT 45 handheld transmitter and PT 45 bodypack transmitter.</p>
	<p>AKG C535 EB Reference Condenser Vocal Microphone - User Manual</p> <p>Comprehensive user manual for the AKG C535 EB Reference Condenser Vocal Microphone, covering features, applications, technical specifications, and servicing. Learn how to use and maintain your professional condenser microphone.</p>
	<p>AKG P120 & P220 Kondensatormikrofon Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für die AKG P120 und P220 Kondensatormikrofone, mit Details zu Funktionen, Anschluss, Bedienung, Wartung und technischen Spezifikationen für Studio-, Live- und Rundfunk-Anwendungen.</p>
	<p>AKG C535 EB Referenz Kondensator Gesangsmikrofon Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für das AKG C535 EB Referenz Kondensator Gesangsmikrofon, einschließlich technischer Daten, Anwendungshinweisen und Wartungstipps.</p>
	<p>AKG Headphones: Safety Instructions and Warranty Information</p> <p>Download essential safety instructions and warranty information for AKG headphones. Learn about product registration, safe usage, and proper disposal.</p>



[AKG N5 Hybrid Quick Start Guide](#)

Get started with your AKG N5 Hybrid true wireless noise cancelling earbuds. This guide provides essential information on pairing, app integration, controls, and technical specifications for an optimal listening experience.