

## AKG 3348H00070

# AKG WMS 40 Mini Wireless Instrument System Instruction Manual

Model: 3348H00070

## 1. INTRODUCTION

---

The AKG WMS40 Mini Single Instrumental Set is a true plug-and-play wireless solution designed to provide crystal clear audio sound. It is suitable for various applications including houses of worship, hotels, gyms, and band performances. The system includes a PT40 Mini body-pack transmitter with a professional 3-pin mini XLR connector, compatible with guitar and bass levels, as well as headsets and instrumental microphones. The transmitter boasts an exceptionally long battery life of 30 hours from a single AA battery, contributing to cost savings in daily use. The receiver is housed in an ultra-compact design and features a 1/4" jack output for easy connection to audio systems.

## 2. PRODUCT OVERVIEW

---

### 2.1. System Components

- 1 x SR40 Mini Receiver
- 1 x PT40 Mini Body-pack Transmitter
- 1 x MKG L Instrument Cable
- 1 x Universal Power Supply with US/UK/EU Adapter
- 1 x AA Size Battery

### 2.2. Visual Guide



Figure 1: Overview of the AKG WMS 40 Mini Wireless Instrument System, showing the SR40 Mini receiver (right), PT40 Mini body-pack transmitter (left), and the MKG L instrument cable (far right).



Figure 2: Rear panel of the AKG SR40 Mini receiver, displaying the DC power input, 1/4" balanced audio output, and model information including frequency (661.100 MHz).

## 3. SETUP

### 3.1. Unpacking and Inspection

Carefully unpack all components from the box. Verify that all items listed in Section 2.1 are present and undamaged. If any items are missing or damaged, contact your dealer immediately.

### 3.2. Powering the SR40 Mini Receiver

1. Connect the universal power supply to the DC input jack on the rear of the SR40 Mini receiver.

2. Plug the power supply into a suitable AC outlet.
3. The receiver's power indicator will illuminate, indicating it is powered on.

### 3.3. Powering the PT40 Mini Body-pack Transmitter

1. Open the battery compartment of the PT40 Mini transmitter.
2. Insert one AA size battery, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

### 3.4. Connecting to an Instrument

1. Connect the 3-pin mini XLR connector of the MKG L instrument cable to the input jack on the PT40 Mini body-pack transmitter.
2. Connect the 1/4" jack of the MKG L instrument cable to your instrument (e.g., guitar, bass).

### 3.5. Connecting to an Audio System

1. Connect a 1/4" TS or TRS cable (not included) from the "AUDIO OUT" jack on the rear of the SR40 Mini receiver to an input on your mixer, amplifier, or audio interface.
2. Ensure the input on your audio system is set to an appropriate level.

## 4. OPERATING INSTRUCTIONS

---

### 4.1. Powering On/Off

- **Receiver (SR40 Mini):** The receiver powers on automatically when connected to the power supply.
- **Transmitter (PT40 Mini):** Use the slide switch on the PT40 Mini to select between OFF, MUTE, and ON positions.

### 4.2. Volume Control

Adjust the output volume of the receiver using the "VOLUME" knob on the front panel of the SR40 Mini. Start with a low volume and gradually increase it to avoid sudden loud sounds.

### 4.3. Mute Function

The PT40 Mini transmitter features a MUTE position on its slide switch. When set to MUTE, the audio signal from the instrument is temporarily silenced without turning off the transmitter, allowing for silent instrument changes or breaks.

### 4.4. Signal Indicators

- **RF OK (Green LED):** This indicator illuminates green when the receiver is receiving a stable radio frequency (RF) signal from the transmitter. If this LED is off or flickering, check the transmitter's power and proximity.
- **AF CLIP (Red LED):** This indicator illuminates red when the audio signal input to the receiver is too strong, causing clipping or distortion. If this LED frequently lights up, reduce the volume output from your instrument or adjust the input gain on your audio system.

### 4.5. Range and Performance

The WMS 40 Mini system typically offers a reliable operating range of approximately 25-40 feet in open line-of-sight conditions. Performance may vary depending on environmental factors, obstacles, and other wireless devices in the vicinity. Maintain a clear line of sight between the transmitter and receiver for optimal performance.

## 5. MAINTENANCE

---

### 5.1. Cleaning

Clean the exterior of the receiver and transmitter with a soft, dry cloth. Do not use liquid cleaners, solvents, or abrasive materials, as these can damage the finish or internal components.

### 5.2. Battery Replacement

The PT40 Mini transmitter uses one AA battery. Replace the battery when the transmitter's power indicator dims or when audio signal becomes intermittent. Always use fresh, high-quality alkaline batteries for best performance and battery life.

### 5.3. Storage

When not in use for extended periods, remove the battery from the PT40 Mini transmitter to prevent leakage. Store the system in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity.

## 6. TROUBLESHOOTING

---

This section provides solutions to common issues you might encounter with your AKG WMS 40 Mini Wireless Instrument System.

Problem	Possible Cause	Solution
No sound output	Receiver not powered on Transmitter not powered on or muted Low transmitter battery Cables not connected properly Audio system input incorrect	Ensure receiver power supply is connected Set transmitter switch to ON Replace AA battery in transmitter Check all cable connections (instrument, transmitter, receiver, audio system) Verify correct input selection and volume on your audio system
Interference or static	Other wireless devices nearby Obstacles blocking signal Operating outside optimal range	Move away from Wi-Fi routers, cordless phones, or other wireless systems Ensure clear line of sight between transmitter and receiver Reduce distance between transmitter and receiver
Short operating range	Low transmitter battery Environmental interference Physical obstructions	Replace AA battery Identify and eliminate sources of interference Ensure clear line of sight; avoid placing receiver behind large metal objects
Distorted audio (AF CLIP LED on)	Input signal too strong	Reduce the output volume from your instrument Adjust the input gain on your mixer/amplifier if available

## 7. SPECIFICATIONS

---

Technical specifications for the AKG WMS 40 Mini Wireless Instrument System.

Feature	Specification
Model Number	3348H00070
UPC	885038031703
Microphone Form Factor	Microphone System
Frequency Response	661.1 MHz
Number of Channels	1
Signal-to-Noise Ratio	78 dB
Noise Level	22 dB
Audio Sensitivity	34 dB
Power Source (Transmitter)	1 AA Battery (included)
Item Dimensions (L x W x H)	10 x 7.9 x 2.3 inches
Item Weight	2.31 pounds
Connectivity Technology	XLR
Connector Type	XLR
Manufacturer	AKG

## 8. WARRANTY AND SUPPORT

---

### 8.1. Warranty Information

This product is covered by a manufacturer's warranty. Specific warranty terms and conditions may vary by region and retailer. Please retain your proof of purchase for any warranty claims.

### 8.2. Customer Support

For technical assistance, service, or further information regarding your AKG WMS 40 Mini Wireless Instrument System, please visit the official AKG website or contact your authorized AKG dealer. Online resources often include FAQs, software updates, and additional support documentation.