

## Hisonic HS606

# Hisonic WM606 VHF Single-Channel Wireless Camcorder Microphone Instruction Manual

Model: WM606 (HS606)

## 1. INTRODUCTION

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This manual provides essential information for the proper setup, operation, and maintenance of your Hisonic WM606 VHF Single-Channel Wireless Camcorder Microphone system. This system is designed for use with camcorders, mixing consoles, tape recorders, and other devices equipped with a microphone or audio input. It offers a versatile solution for various audio recording needs, including video production, presentations, and educational settings.

## 2. PACKAGE CONTENTS

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Please inspect the package contents carefully to ensure all items are present:

- One (1) Headset Boom Microphone with ear cushion
- One (1) Clip-On Lapel / Lavalier Microphone
- One (1) Belt Clip (Body Pack) Transmitter
- One (1) Wireless FM Receiver with Telescopic Antenna
- One (1) Padded Carrying Case
- Two (2) Standard AA Batteries (for Receiver)
- One (1) Standard 9 Volt Battery (for Transmitter)
- One (1) 1/8" mini plug cable to 1/4" microphone plug
- One (1) Adapter from 1/4" to 3.5mm (for camcorders)
- One (1) Warranty Card

## 3. PRODUCT OVERVIEW

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The Hisonic WM606 system consists of a wireless transmitter, a receiver, and two types of microphones (headset and lapel) for flexible use. The transmitter sends audio wirelessly to the receiver, which then connects to your recording device.



*Image: Hisonic WM606 Wireless Microphone System. This image displays the main components of the Hisonic WM606 wireless microphone system, including the transmitter, receiver, and various cables.*

## 4. SETUP

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Follow these steps to set up your wireless microphone system:

### 1. Install Batteries:

- Open the battery compartment on the **Transmitter** and insert one (1) 9V battery, observing polarity.
- Open the battery compartment on the **Receiver** and insert two (2) AA batteries, observing polarity.

### 2. Connect Microphone to Transmitter:

- Choose either the headset or lapel microphone.
- Plug the microphone's connector into the input jack on the **Transmitter**. Secure the transmitter to your belt or clothing using the belt clip.

### 3. Connect Receiver to Audio Device:

- Connect the 1/8" mini plug cable to the output jack on the **Receiver**.
- Depending on your camcorder or audio device's input, use the 1/4" microphone plug or the 1/4" to 3.5mm adapter to connect the cable to your device's microphone input.

## 5. OPERATING INSTRUCTIONS

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Once set up, operate your wireless microphone system as follows:

1. **Power On:** Turn on the power switches on both the **Transmitter** and the **Receiver**. An indicator light on each unit should illuminate.
2. **Position Microphone:** For optimal sound quality, position the microphone appropriately. For the lapel mic, clip it about 6-8 inches below your chin. For the headset mic, ensure it is close to your mouth without touching.
3. **Adjust Volume:** Adjust the volume on your connected camcorder or audio device to a suitable level. Start with a low volume and gradually increase it to avoid distortion or feedback.
4. **Operating Range:** The system has an approximate operating range of 100 feet under normal conditions. Optimal conditions may extend this range up to 300 feet. Maintain a clear line of sight between the transmitter and receiver for best performance.
5. **Power Off:** After use, turn off both the transmitter and receiver to conserve battery life.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Hisonic WM606 system:

- **Battery Replacement:** Replace batteries when the indicator light dims or audio quality degrades. Always use fresh batteries of the specified type (9V for transmitter, AA for receiver). Remove batteries if the system will not be used for an extended period to prevent leakage.
- **Cleaning:** Clean the units with a soft, dry cloth. Do not use liquid cleaners or solvents. Keep microphone windscreens clean.
- **Storage:** Store the system in its padded carrying case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle the receiver's telescopic antenna carefully to avoid bending or breaking.

## 7. TROUBLESHOOTING

If you encounter issues with your Hisonic WM606 system, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No sound or very low sound	Power off on transmitter/receiver Dead or weak batteries Incorrect cable connection Volume too low on recording device	Ensure both units are powered on. Replace batteries with fresh ones. Verify all cables are securely connected to the correct inputs/outputs. Increase volume on your camcorder/audio device.
Static, interference, or signal dropouts	Too far from receiver Obstructions between transmitter and receiver External electronic interference Weak batteries	Reduce distance between transmitter and receiver. Ensure a clear line of sight. Move away from other electronic devices (Wi-Fi routers, cordless phones). Replace batteries.
Feedback (squealing sound)	Microphone too close to speakers Volume too high	Reposition microphone further from speakers. Lower the volume on your recording device or amplifier.

## 8. SPECIFICATIONS

Key technical specifications for the Hisonic WM606 Wireless Camcorder Microphone system:

Feature	Specification
Model Number	HS606
Item Weight	10 Ounces (approx. 283 grams)
Product Dimensions (L x W x H)	6 x 2 x 5 inches

Feature	Specification
Microphone Form Factor	Microphone System (Headset, Lapel)
Power Source	Battery Powered
Battery Type (Transmitter)	1 x 9 Volt Battery
Battery Type (Receiver)	2 x AA Batteries
Material	Metal, Plastic
Hardware Platform	Camcorder
Number of Channels	1 (Single-Channel)
Connectivity Technology	Wireless (VHF)
Connector Type	3.5 mm Jack (with 1/4" adapter)
Polar Pattern	Unidirectional
Operating Range	Approx. 100 feet (up to 300 feet under optimum conditions)
UPC	683969887211

## 9. WARRANTY AND SUPPORT

The Hisonic WM606 Wireless Camcorder Microphone system comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use.

For technical support, warranty claims, or further assistance, please refer to the contact information provided on your warranty card or the official Hisonic website. Please have your model number (HS606) and proof of purchase ready when contacting support.