

## SGPRO D-332HH

# SGPRO D-332HH Dual Handheld Wireless Microphone System

Model: D-332HH

## INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your SGPRO D-332HH Dual Handheld Wireless Microphone System. Designed for clarity and ease of use, this guide will help you maximize the performance of your wireless microphone system for various applications including live performances, karaoke, DJ events, church services, classroom presentations, and PA systems.

## PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- 1 x Corded Electric Receiver
- 2 x Battery-powered Transmitters (Handheld Microphones)
- 1 x Power Adaptor for Receiver
- 1 x 6.35mm Connector Cable
- 1 x User Manual

## PACKAGE LIST



Microphones (Transmitters) x2



Receiver



Power Adaptor (for Receiver)



User Manual



6.35mm Connector Cable

Image: Contents of the SGPRO D-332HH Wireless Microphone System package.

## PRODUCT OVERVIEW

The SGPRO D-332HH system features a robust receiver and two handheld transmitters, designed for reliable wireless audio transmission.



Image: The SGPRO D-332HH wireless microphone system.

## UHF Wireless Receiver

The receiver unit manages the wireless connection and audio output. It features a TFT screen for system information, IR button for pairing, and individual volume controls for each channel.

# Transmission



Image: Detailed view of the UHF Wireless Receiver's front panel controls and display.

## UHF Handheld Transmitter (Microphone)

Each handheld microphone is a transmitter unit, featuring a durable mic head cover, a high-sensitivity cardioid capsule for clear sound, an LCD screen indicator for key status, and a battery compartment.

# UHF Handheld Transmitter



Image: Exploded view of the UHF Handheld Transmitter components and features.

## SETUP AND CONNECTIONS

### Battery Installation (Handheld Transmitters)

Each handheld microphone requires two AA batteries (not included). To install:

1. Unscrew the bottom part of the microphone to reveal the battery compartment.
2. Insert two AA batteries, ensuring correct polarity (+/-).
3. Screw the bottom part back onto the microphone securely.

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Video: Demonstrates battery installation for the SGPRO D-332 handheld microphone.

## Connecting to Audio Systems

The receiver offers both XLR and 6.35mm (1/4 inch) output options for connecting to various audio equipment.

### XLR Connection

For professional audio setups, use XLR cables (not included) to connect the receiver to a mixer, audio processor, or directly to powered speakers.



Image: XLR connection diagram for the wireless microphone system.

**Optimum Boot Order:** Microphone → Mixer/Processor → Audio Amplifier → Speaker

**Optimum Shutdown Order:** Speaker → Audio Amplifier → Mixer/Processor → Microphone

### 6.35mm (1/4 inch) Connection

For home use or simpler setups, use the provided 6.35mm audio cable to connect the receiver to an audio

amplifier, home theater system, or directly to a TV with an audio input.

## 6.35mm Connection



### Optimum Boot Order:

Microphone → Audio Amplifier → Speakers → TV

### Optimum Shutdown Order:

TV → Speakers → Audio Amplifier → Microphone

Image: 6.35mm connection diagram for the wireless microphone system.

**Optimum Boot Order:** Microphone → Audio Amplifier → Speakers → TV

**Optimum Shutdown Order:** TV → Speakers → Audio Amplifier → Microphone

## OPERATING INSTRUCTIONS

### Changing Frequency and Pairing (GR/CH Function)

To manually change the frequency group and channel, and then pair the transmitter with the receiver:

1. Power on the receiver. Initially, the volume knob only controls volume.
2. Unlock the receiver screen by pressing and holding the 'SET' button until the lock icon disappears.
3. Rotate the 'VOL.A/Set' knob to navigate to the 'GR/CH' menu. Press the knob to select.

4. Rotate the knob to select your desired Group (GR) and Channel (CH). Press the knob to confirm each selection.
5. Power on the handheld transmitter.
6. Align the IR window of the transmitter with the IR window of the receiver.
7. Press the 'IR' button on the receiver. The receiver will send the new frequency information to the transmitter, pairing them.
8. Once paired, the RF signal indicator on the receiver will light up, and the microphone will be ready for use.

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Video: Instructions on how to change frequency using the GR/CH function and pair the microphone.

## Automatic Frequency Scan (SCAN Function)

To automatically search for a clean, interference-free frequency:

1. Power on the receiver.
2. Unlock the receiver screen by pressing and holding the 'SET' button until the lock icon disappears.
3. Rotate the 'VOL.A/Set' knob to navigate to the 'SCAN' menu. Press the knob to select.
4. Choose 'UP' or 'DOWN' to scan for higher or lower frequencies, respectively. The receiver will search for an available frequency.
5. Once a clean frequency is found, power on the handheld transmitter.
6. Align the IR window of the transmitter with the IR window of the receiver.
7. Press the 'IR' button on the receiver to pair the transmitter with the newly scanned frequency.

This process ensures optimal signal quality by avoiding interference.

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Video: Demonstrates how to use the SCAN function to find a clean frequency and pair the microphone.

## Transmitter Power Setting

The transmitter offers two power modes: 'HI' (High) and 'LO' (Low). This setting affects the working distance and battery consumption.

- **HI Power Mode:** Provides a longer working distance (up to 262 feet / 80 meters) but consumes more battery power.
- **LO Power Mode:** Provides a shorter working distance (up to 131 feet / 40 meters) but conserves battery power.

To change the transmitter power setting:

1. Power on the receiver.
2. Unlock the receiver screen.
3. Rotate the 'VOL.A/Set' knob to navigate to the 'TX PWR' (Transmitter Power) menu. Press the knob to select.
4. Rotate the knob to choose between 'HI' or 'LO'. Press the knob to confirm your selection.
5. Power on the handheld transmitter.
6. Align the IR window of the transmitter with the IR window of the receiver.
7. Press the 'IR' button on the receiver to synchronize the new power setting to the transmitter. The transmitter's LCD screen will display 'HI' or 'LO' accordingly.

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## SPECIFICATIONS

<b>Brand</b>	SGPRO
<b>Model Number</b>	D-332HH
<b>Connectivity Technology</b>	UHF
<b>Connector Type</b>	6.35 mm Jack, XLR
<b>Special Features</b>	Battery Indicator Light, Mute Function, Noise Reduction, Volume Control
<b>Compatible Devices</b>	Active Speaker, Amplifier, Audio Interface, Audio Mixer
<b>Color</b>	Black
<b>Polar Pattern</b>	Super Cardioid
<b>Audio Sensitivity</b>	90 Decibels
<b>Impedance</b>	1500 Ohms
<b>Microphone Form Factor</b>	Handheld
<b>Power Source</b>	Battery Powered, Corded Electric
<b>Number of Batteries</b>	4 AA batteries required (2 per microphone, not included)
<b>Signal-to-Noise Ratio</b>	96 dB
<b>Number of Channels</b>	2
<b>Frequency Response</b>	20 KHz
<b>Frequency Range</b>	902-928 MHz
<b>Audible Noise</b>	96 Decibels
<b>Enclosure Material</b>	Acrylonitrile Butadiene Styrene, Metal
<b>Item Dimensions</b>	12.6 x 9.84 x 2.36 inches

## TROUBLESHOOTING

If you encounter issues with your SGPRO D-332HH system, please refer to the following common solutions:

- **No Sound:** Ensure all cables are securely connected, the receiver is powered on, and microphones have fresh batteries. Check volume levels on both the receiver and connected audio equipment. Verify that the microphones are paired correctly with the receiver.
- **Interference/Static:** Perform an automatic frequency scan (SCAN function) to find a clear channel. Ensure the receiver and transmitters are within the recommended operating range. Avoid placing the system near other wireless devices or sources of electromagnetic interference.
- **Short Range:** Check the transmitter power setting and ensure it is set to 'HI' for maximum range. Replace batteries if they are low. Ensure there are no major obstructions between the transmitter and receiver.
- **Microphone Not Pairing:** Ensure the receiver screen is unlocked. Verify that the IR windows of the

transmitter and receiver are aligned and the 'IR' button is pressed correctly during the pairing process.

## MAINTENANCE

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Proper maintenance will extend the life of your wireless microphone system:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver and microphones. Do not use liquid cleaners or solvents.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from the microphones if storing for extended periods to prevent leakage.
- **Handling:** Handle microphones and receiver with care to avoid physical damage.

## WARRANTY AND SUPPORT

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The SGPRO D-332HH Dual Handheld Wireless Microphone System comes with a **1-Year Manufacturer Warranty**.

For technical support, warranty claims, or additional product information, please visit the official SGPRO Store on Amazon: [SGPRO Audio Store](#).