

## ttstar YM-2

# ttstar YM-2 Dual Wireless Microphone System Instruction Manual

Model: YM-2 | Brand: ttstar

## 1. INTRODUCTION

The ttstar YM-2 Dual Wireless Microphone System is designed to provide high-quality audio transmission for various applications including live performances, video recording, teaching, and interviews. Featuring dual transmitters and a portable receiver, this system offers clear sound with noise-reducing technology and a wide transmission range. This manual provides essential information for setting up, operating, and maintaining your wireless microphone system.

## 2. WHAT'S IN THE BOX

Your ttstar YM-2 Dual Wireless Microphone System package includes the following components:

- 2 x Bodypack Wireless Transmitters
- 1 x Portable Wireless Receiver
- 2 x Headset Microphones
- 2 x Lavalier Lapel Microphones
- 1 x Short-Line Microphone
- 2 x TRS Adapters (6.35mm to 3.5mm)
- 1 x TRRS Adapter
- 1 x Camera Shoe Mount
- 2 x Windproof Furry Windscreens
- 1 x 3-in-1 USB Charging Cable

# COMPATIBLE MOST DEVICES

*Note: Not Compatible with BLUETOOTH SPEAKER & MACBOOK*



PA Speaker



Mixer



Amplifier



Recorder



Smartphone

For iPhone 7 and above original Apple adapter is needed  
(Not in Package)



Tablet

For phones and tablets with USB C ports only, an original  
USB C adapter is needed (Not in Package)



Digital Camera



DSLR Camera



Laptop



Desktop

Image: All components of the ttstar YM-2 Dual Wireless Microphone System, including transmitters, receiver, various microphones, adapters, and charging cable.

## 3. PRODUCT OVERVIEW

### 3.1. Transmitters (Bodypack)

The system includes two bodypack wireless transmitters. Each transmitter features an LCD screen displaying battery life, frequency, and volume levels. They are equipped with controls for adjusting volume and frequency channels. A clip on the back allows for easy attachment to clothing or a belt.

### 3.2. Receiver (Portable)

The portable wireless receiver has a 1/4" plug for direct connection to mixers, PA speakers, and amplifiers. It can also be connected to mobile devices, cameras, laptops, and desktops using the included adapters.

The receiver is rechargeable via USB.

### 3.3. Microphones

The system provides three types of microphones to suit different needs:

- **Headset Microphones:** Designed for hands-free operation, ideal for presentations or active use.
- **Lavalier Lapel Microphones:** Small, discreet microphones that clip onto clothing, suitable for interviews or video recording.
- **Short-Line Microphone:** A versatile microphone for various close-range audio capture needs.



## WIRELESS LAVALIER MICROPHONE SYSTEM

*Plug & Play*

32 Adjustable Frequency Channels  
CHA: 902.0-914.4 MHz  
CHB: 915.0-927.4 MHz



## WIRELESS HEADSET MICROPHONE SYSTEM

*Portable & Stable*

21 Level Adjustable Volumes  
U00-U20

Image: Close-up view of the ttstar YM-2 wireless transmitter and receiver, highlighting their compact design and display screens.

# SIGNAL RANGE & WORK DISTANCE

164 feet (obstacles)

300 feet (no obstacles)



Image: A ttstar YM-2 headset microphone, showing its over-ear design and adjustable boom.



# RECHARGEABLE WIRELESS MICROPHONE SYSTEM 3 IN 1 CHARGING CABLE

2-3 Hours Fully charged

Receiver Works for 3.5 Hours

Transmitters Work for 5.5 Hours

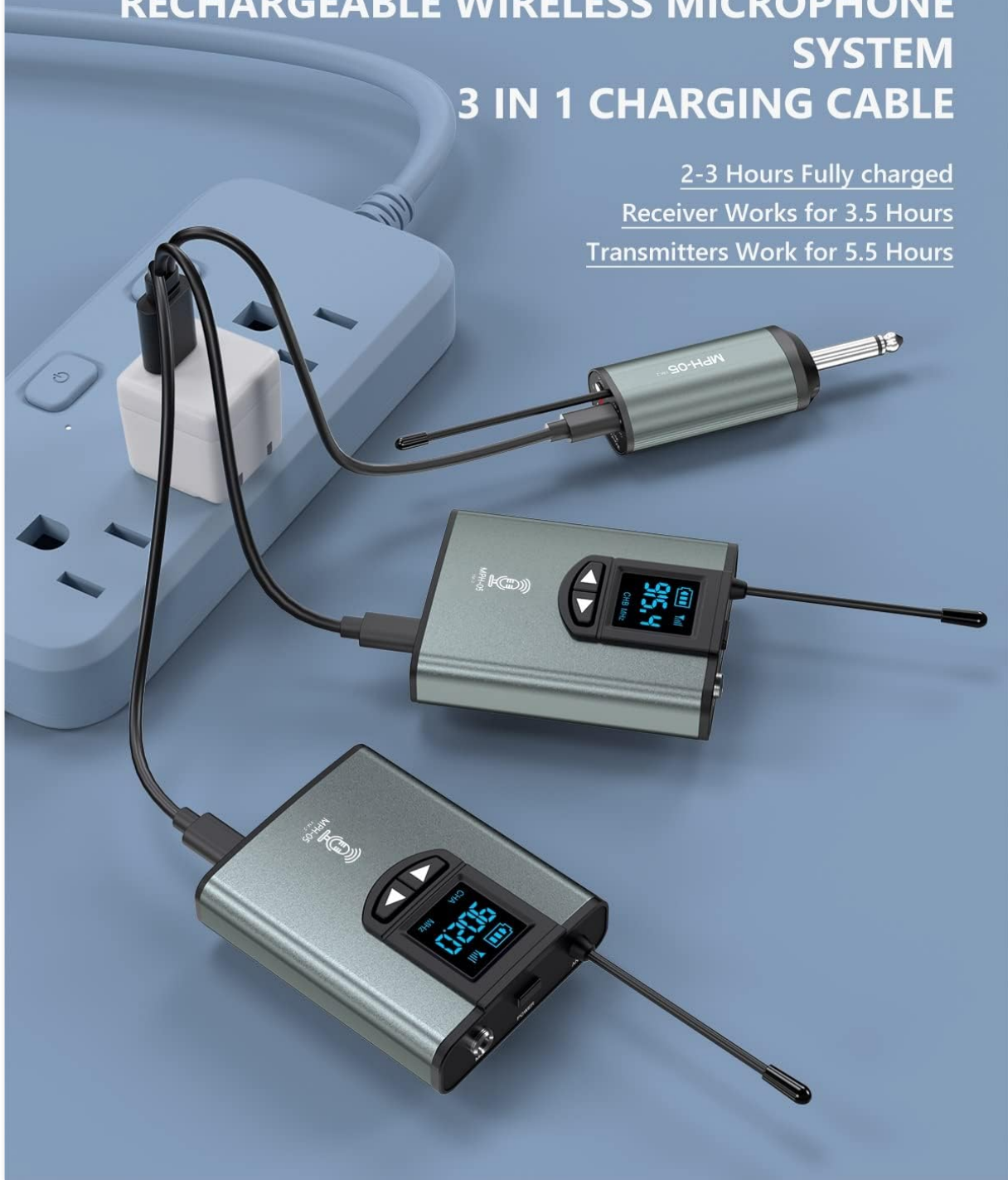


Image: A ttstar YM-2 lavalier microphone with a clip, designed for discreet placement on clothing.

## 4. SETUP

1. **Insert Batteries:** Open the battery compartment on each bodypack transmitter and insert 2 AA batteries (included).
2. **Connect Microphone:** Plug your desired microphone (headset, lavalier, or short-line) into the input jack of the transmitter.
3. **Power On:** Turn on both the transmitters and the portable receiver. The system will automatically pair.
4. **Connect Receiver:** Plug the 1/4" jack of the receiver directly into your PA speaker, mixer, or amplifier. For cameras, laptops, desktops, or smartphones, use the appropriate 6.35mm to 3.5mm

TRS/TRRS adapter.

5. **Adjust Volume:** Use the volume controls on the transmitter to set your desired audio level.

## Setup Video: Adjusting Volume & Frequency

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Video: This video demonstrates how to adjust the volume and frequency settings on the wireless transmitter for optimal performance.

## 5. OPERATING INSTRUCTIONS

### 5.1. Adjustable Frequency Channels

Each transmitter offers 32 selectable frequency channels. In case of interference, press the buttons on the bodypack transmitter to cycle through and select an interference-free frequency. The two transmitters operate on different channels to prevent signal interference when used simultaneously.

### 5.2. Volume Control

Adjust the voice volume on each transmitter with 21 available levels to match your specific audio requirements.

### 5.3. Usage Scenarios

The system is versatile for various applications:

- **Live Performances:** Ideal for preaching, weddings, presentations, and public speeches.
- **Video & Audio Recording:** Perfect for interviews, vlogging, and content creation with cameras or smartphones.
- **Teaching & Training:** Provides clear amplification for instructors.



Image: A woman using the ttstar YM-2 wireless microphone system with a camera for video recording, demonstrating its application.

## Operating Video: Recording Outdoors

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Video: This video showcases the ttstar YM-2 wireless microphone system being used for outdoor recording, highlighting its portability and range.

## 6. MAINTENANCE

### 6.1. Charging

Use the included 3-in-1 USB charging cable to recharge the transmitters and receiver. A full charge typically takes 2-3 hours. The receiver provides approximately 3.5 hours of operation, while the transmitters offer about 5.5 hours.



Image: The ttstar YM-2 wireless microphone system components connected to the 3-in-1 USB charging cable, illustrating the charging process.

## 7. TROUBLESHOOTING

- **No Sound/Interference:** Ensure all components are powered on and fully charged. If experiencing interference, change the frequency channel on the transmitters.
- **Compatibility Issues:** The system is not compatible with Macbooks and Bluetooth speakers. For smartphones/tablets without a 1/8" (3.5mm) jack, an additional adapter cable (not included) may be required.
- **Poor Audio Quality:** Check microphone placement and adjust volume levels on the transmitter. Ensure the receiver is within the optimal transmission range (up to 300ft in open areas, 164ft with obstacles).

## 8. SPECIFICATIONS

Feature	Detail
Model Number	YM-2

Item Weight	487 Grams (1.07 pounds)
Microphone Form Factor	Microphone System
Power Source	Battery Powered (2 Lithium Ion batteries included)
Number of Channels	32
Signal-to-Noise Ratio	80 dB
Connectivity Technology	UHF
Connector Type	3.5 mm Jack, 6.35 mm Jack
Special Feature	Volume Control
Polar Pattern	Omnidirectional
Audio Sensitivity	30 Decibels

## 9. COMPATIBILITY

The ttstar YM-2 Wireless Microphone System offers wide compatibility with various devices:

- **Audio Equipment:** Works with mixers, PA speakers, and amplifiers via the 1/4" plug.
- **Mobile Devices:** Connects to smartphones and tablets with a 1/8" (3.5mm) jack using the provided adapters. For devices without a 1/8" jack (e.g., iPhone 7 and above, USB-C only phones/tablets), an additional adapter (not included) is required.
- **Cameras:** Compatible with DSLR cameras and digital cameras.
- **Computers:** Can be connected to laptops and desktop computers.

**Note:** This microphone system is **NOT** compatible with Macbooks and Bluetooth speakers.



Image: A visual chart detailing the compatibility of the ttstar YM-2 wireless microphone system with various devices, including PA speakers, mixers, amplifiers, recorders, smartphones, tablets, digital cameras, DSLR cameras, laptops, and desktops.



## 10. WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your ttstar YM-2 Dual Wireless Microphone System, please refer to the contact information provided with your purchase or visit the official ttstar website. Please retain your proof of purchase for warranty claims.