

## TAKSTAR WPM-200

# TAKSTAR WPM-200 UHF Wireless In-Ear Monitor System User Manual

Model: WPM-200

## 1. INTRODUCTION

---

The TAKSTAR WPM-200 is a UHF wireless in-ear monitor system designed for professional audio monitoring applications. It provides reliable, high-fidelity audio transmission for musicians, performers, and audio engineers in various settings such as stages, churches, and studios. This system features 6 selectable channels and offers a transmission distance of up to 164 feet (50 meters) in open areas, ensuring stable performance and freedom of movement.

## 2. SAFETY INFORMATION

---

- Read all instructions carefully before use.
- Do not expose the device to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the unit to strong impacts.
- Use only the specified power adapter and batteries.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Prolonged listening at high volume levels can cause permanent hearing damage. Set the volume to a comfortable level.

## 3. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- Receiver (Bodypack) x 1
- Transmitter x 1
- Earphone x 1
- AA battery x 2
- 3.5 to 6.3 gold plated connector x 1
- Power adapter x 1

- RCA cable x 1
- Conversion cable x 1
- User manual x 1

## 4. PRODUCT OVERVIEW

---

### 4.1 Transmitter



*Image: Front view of the TAKSTAR WPM-200 Transmitter, showing the channel selector knob and power indicator.*

The transmitter unit sends the audio signal wirelessly to the bodypack receiver. It features a channel selector knob, power indicator, and various audio input ports on the rear. The antenna ensures stable signal transmission.



*Image: Rear view of the TAKSTAR WPM-200 Transmitter, showing the power input, audio input, and antenna connection.*

#### **4.2 Receiver (Bodypack)**



*Image: The TAKSTAR WPM-200 Bodypack Receiver with connected in-ear earphones, displaying channel and battery status on its LCD screen.*

The bodypack receiver is a compact, portable unit that receives the wireless audio signal from the transmitter. It includes an LCD screen to display battery level, selected channel, and connection status. A volume control allows for personal audio adjustment. It operates on two AA batteries.

### **4.3 Earphones**

The included in-ear earphones provide clear and accurate audio monitoring. They connect directly to the bodypack receiver.

## **5. SETUP**

---

## 5.1 Transmitter Connection

1. **Power Connection:** Connect the provided power adapter to the transmitter's power input and plug it into a suitable power outlet.
2. **Audio Input:** Connect your audio source (e.g., mixer, amplifier, audio interface) to the transmitter's 3.5mm audio input using the appropriate cable (RCA cable or conversion cable, and the 3.5 to 6.3 gold plated connector if needed).
3. **Antenna:** Ensure the antenna is securely attached and positioned for optimal signal transmission.

## 5.2 Receiver Setup

1. **Battery Installation:** Open the battery compartment on the bodypack receiver and insert two AA batteries, observing correct polarity.
2. **Earphone Connection:** Plug the in-ear earphones into the 3.5mm headphone jack on the top of the bodypack receiver.

## 5.3 Channel Selection

Both the transmitter and receiver have 6 selectable UHF channels. To establish a connection, ensure that both units are set to the same channel. Use the channel selector knob on the transmitter and the corresponding controls on the receiver to match the channels. The receiver's LCD screen will display the selected channel.

---

## 6. OPERATING INSTRUCTIONS

1. **Power On:** Turn on the transmitter and then the bodypack receiver. The power indicator on the transmitter will illuminate, and the receiver's LCD screen will activate.
2. **Verify Connection:** Check the receiver's LCD screen to confirm that it is connected to the transmitter on the selected channel. The screen will also show the battery level.
3. **Adjust Volume:** Use the volume control knob on the bodypack receiver to set a comfortable listening level. Start with a low volume and gradually increase it.
4. **Monitor Audio:** Once connected, you will hear the audio from your source through the earphones. The system provides a transmission distance of up to 164 feet (50 meters) in open areas.
5. **Power Off:** When finished, turn off the bodypack receiver first, then the transmitter.

---

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the transmitter and receiver. Do not use liquid cleaners or solvents.
- **Battery Replacement:** Replace the AA batteries in the bodypack receiver when the low battery indicator appears on the LCD screen or when performance degrades. Ensure correct polarity during installation.
- **Storage:** When not in use for extended periods, remove batteries from the receiver and store the system in a cool, dry place away from direct sunlight.

---

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No sound from earphones	<ul style="list-style-type: none"> <li>Receiver or transmitter not powered on.</li> <li>Channels not matched.</li> <li>Earphones not connected or faulty.</li> <li>Receiver batteries low or dead.</li> <li>Audio source not connected or muted.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure both units are powered on.</li> <li>Match the channels on both units.</li> <li>Check earphone connection and test with another pair if possible.</li> <li>Replace AA batteries in the receiver.</li> <li>Verify audio source connection and volume.</li> </ul>
Interference or poor sound quality	<ul style="list-style-type: none"> <li>Interference from other wireless devices.</li> <li>Units too far apart or obstructions.</li> <li>Low battery on receiver.</li> </ul>	<ul style="list-style-type: none"> <li>Try a different channel.</li> <li>Reduce distance between transmitter and receiver; ensure clear line of sight.</li> <li>Replace receiver batteries.</li> </ul>
Short transmission range	<ul style="list-style-type: none"> <li>Obstructions or environmental factors.</li> <li>Antenna not properly positioned.</li> <li>Low battery on receiver.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure clear line of sight; avoid dense objects.</li> <li>Adjust transmitter antenna for optimal reception.</li> <li>Replace receiver batteries.</li> </ul>

## 9. SPECIFICATIONS

Feature	Detail
Model Name	WPM-200
Wireless Communication Technology	UHF
Channels	6
Transmission Distance	Up to 50m (164 ft) in open area
Receiver Battery Life	Up to 30 hours (with 2 AA batteries)
Headphones Jack	3.5 mm Jack
Connectivity Technology	Wired (for audio input to transmitter)
Material	Plastic
Item Weight	265 Grams (9.3 ounces)
Noise Control Features	Sound Isolation
Earpiece Shape	In-ear

Feature	Detail
Control Method	Touch (referring to receiver controls)
Manufacturer	TAKSTAR

## 10. WARRANTY AND SUPPORT

---

TAKSTAR products are manufactured to high-quality standards. For any questions, technical assistance, or warranty inquiries, please contact TAKSTAR customer support. Refer to the product packaging or the official TAKSTAR website for the most current contact information.

Please retain your proof of purchase for warranty service.