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VocoPro SilentPA-IFB-4

VocoPro SilentPA-IFB-4 One-Way Communication System Instruction Manual

Model: SilentPA-IFB-4

1. Introduction

The VocoPro SilentPA-IFB-4 is a professional-grade one-way wireless Interruptible Foldback (IFB) system designed to facilitate clear communication in TV and film production, live broadcasts, and studio environments. This system allows directors or producers to send real-time audio cues to talent discreetly and efficiently, without requiring complex setups or expensive equipment. It offers a cost-effective solution for small to mid-sized production teams seeking reliable communication.

2. Product Overview

2.1. Key Features

- Operates in the 900MHz band, minimizing interference from TV stations.
- Utilizes UHF technology for enhanced reliability and extended operating range compared to VHF or 2.4GHz systems.
- Each bodypack receiver features two dedicated audio outputs for headphones.
- Bodypack receivers are powered by two (2) AA batteries (alkaline or rechargeable).
- Internal recharge circuit allows simultaneous operation and charging of rechargeable batteries on both the bodypack transmitter and receiver (rechargeable batteries and USB charge cable not included).
- 5V USB charging input supports continuous use with rechargeable batteries and a power bank (rechargeable batteries and power bank not included).
- Easy channel selection with 16 available channels on both receiver and transmitter, requiring no complex synchronization.

2.2. Included Components

The SilentPA-IFB-4 system package includes the following items:

- 1 x SilentPA-TX Transmitter
- 1 x Headset for Silent PA
- 4 x SilentPA-RX Receivers
- 5 x WP-1 Protective Pouches



Image: Front view of the VocoPro SilentPA-TX Transmitter, showing controls and antenna.



Image: Front view of the VocoPro SilentPA-RX Receiver, showing controls and antenna.



Image: The included headset for the Silent PA system, featuring a microphone and earphone.

3. Setup Instructions

1. **Install Batteries:** Open the battery compartment on the back of both the SilentPA-TX Transmitter and SilentPA-RX Receivers. Insert two (2) AA alkaline or rechargeable batteries into each unit, ensuring correct polarity. Close the battery compartment securely.



Image: Rear view of a SilentPA unit with the battery compartment open, showing where to insert AA batteries.

2. **Connect Audio Source to Transmitter:** Connect your audio source (e.g., mixer output, director's microphone) to the AUX IN port on the SilentPA-TX Transmitter.



Image: Side view of the SilentPA-TX Transmitter, highlighting the AUX IN, +5V USB IN, and CHARGE ports.

3. **Connect Headphones to Receivers:** Plug the included headset or your preferred 1/8" (3.5mm) headphones into one of the two headphone output jacks on each SilentPA-RX Receiver.



Image: Side view of the SilentPA-RX Receiver, highlighting the headphone output, +5V USB IN, and CHARGE ports.

4. **Power On Units:** Turn on the SilentPA-TX Transmitter and all SilentPA-RX Receivers using their respective power switches.
5. **Select Channel:** On the SilentPA-TX Transmitter, select a desired channel using the channel selector. Then, on each SilentPA-RX Receiver, select the **same channel** to establish communication. The system offers 16 channels for selection.

4. Operating Instructions

4.1. Powering On/Off

- To power on, slide the power switch to the 'ON' position. An indicator light will illuminate.
- To power off, slide the power switch to the 'OFF' position. The indicator light will turn off.

4.2. Channel Selection

- Use the channel selector switch on both the transmitter and receivers to choose one of the 16 available channels.
- Ensure the transmitter and all desired receivers are set to the identical channel for proper communication.

4.3. Volume Control

- Adjust the volume knob on each SilentPA-RX Receiver to a comfortable listening level.

4.4. Charging (for Rechargeable Batteries)

- If using rechargeable AA batteries (not included), connect a 5V USB power source to the USB IN port on the transmitter or receiver.
- The internal recharge circuit allows the units to operate while charging.

5. Maintenance

- **Battery Care:** Remove batteries from units if they will not be used for an extended period to prevent leakage. Use high-quality alkaline or rechargeable batteries.
- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the system in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided WP-1 protective pouches for individual units.

6. Troubleshooting

Problem	Possible Cause	Solution
No sound from receiver	• Receiver or transmitter is off • Low or dead batteries • Incorrect channel selected • Headphones not connected or faulty • Audio source not connected to transmitter	• Ensure both units are powered on. • Replace or recharge batteries. • Verify transmitter and receiver are on the same channel. • Check headphone connection and test with another pair. • Confirm audio source is properly connected to the transmitter's AUX IN.
Interference or poor sound quality	• Nearby electronic devices causing interference • Obstacles between transmitter and receiver • Weak signal due to distance	• Move units away from other wireless devices or large metal objects. • Try a different channel. • Reduce the distance between the transmitter and receiver.
Short operating range	• Obstacles blocking signal • Low batteries	• Ensure a clear line of sight between transmitter and receiver. • Replace or recharge batteries.

7. Specifications

Feature	Detail
Model	SilentPA-IFB-4
UPC	692868432415
Frequency Band	900MHz UHF
Channels	16 Selectable Channels
Receiver Power Source	2 x AA Batteries (Alkaline or Rechargeable)
Charging Input	5V USB (for rechargeable batteries)
Material	Plastic

Feature	Detail
Color	Black
Package Dimensions (L x W x H)	16.2" x 12.6" x 3.7"
Package Weight	Approx. 1 lb (16 ounces)

8. Warranty and Support

8.1. Warranty Information

The VocoPro SilentPA-IFB-4 system comes with a **1-year warranty** covering parts and labor only. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact VocoPro customer support. Refer to the official VocoPro website or your product packaging for the most current contact information.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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