

VocoPro USB-Acapella 8

VocoPro USB-Acapella 8 Wireless Microphone System Instruction Manual

Brand: VocoPro | **Model:** USB-Acapella 8

1. PRODUCT OVERVIEW

The VocoPro USB-Acapella 8 system provides a comprehensive solution for wireless audio streaming and recording. It integrates multiple wireless microphones with a USB interface, allowing direct connection to computers or smart devices without requiring complex software installations. This system is designed for ease of use, making it suitable for various applications such as live performances, educational events, and religious services.

Key Features:

- Utilizes the 900MHz frequency band to minimize interference from radio, TV, and Wi-Fi signals.
- The USB-MC unit mixes all microphone signals into a single, clear output for computer or smart device streaming and recording.
- Includes a mixed mic-level output for connecting to external powered speakers.
- USB-MC is powered directly by your computer or smart device, eliminating the need for an additional power outlet.
- Plug-and-play functionality with no additional software required for basic operation.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- USB-MC Mixer Unit
- Digital-Quad Wireless Receiver Units (x2 for 8 microphones)
- Handheld Wireless Microphones (x8)
- USB Cable
- Audio Cable (e.g., 1/4" to 1/4" or similar for mixed output)
- Antennas for Digital-Quad Receivers
- Power Adapters for Digital-Quad Receivers

- User Manual (this document)

3. PRODUCT COMPONENTS

The image below illustrates the main components of the VocoPro USB-Acapella 8 system.



Figure 1: VocoPro USB-Acapella 8 System Components. Shown are the USB-MC mixer (top), two Digital-Quad wireless receivers (middle), eight handheld wireless microphones (bottom), a USB cable, and an audio cable.

Component Descriptions:

- **USB-MC Mixer:** The central unit that combines audio from the wireless receivers and outputs it via USB. Features individual microphone level controls.
- **Digital-Quad Receivers:** Each unit receives signals from four wireless microphones. They feature AF (Audio Frequency) and RF (Radio Frequency) indicators, individual volume controls for each channel (A, B, C, D, E, F, G, H), and antenna connections.
- **Handheld Wireless Microphones:** Eight microphones, each paired with a specific channel on the Digital-Quad receivers. Designed for clear vocal pickup.
- **Cables:** Includes a USB cable for connecting the USB-MC to a computer/smart device and an audio cable for mixed output to external speakers.

4. SETUP INSTRUCTIONS

1. **Positioning Receivers:** Place the two Digital-Quad receiver units in a stable location, ensuring they are within optimal range of where the microphones will be used. Attach the antennas to the ANT connectors on each receiver.
2. **Connecting Digital-Quad to USB-MC:** Connect the mixed audio output from each Digital-Quad receiver unit to separate input channels on the USB-MC mixer using the provided audio cables. For the USB-Acapella 8 system, you will connect two Digital-Quad units to the USB-MC.
3. **Powering Receivers:** Connect the provided power adapters to each Digital-Quad receiver unit and plug them into a power outlet. Press the POWER button on each receiver.

4. **Connecting USB-MC to Computer/Smart Device:** Use the supplied USB cable to connect the USB-MC mixer to an available USB port on your computer or smart device. The USB-MC will draw power directly from the connected device.
5. **Microphone Preparation:** Insert fresh batteries (not included, typically AA) into each handheld wireless microphone. Ensure the battery polarity is correct.
6. **Smart Device Connection (Optional):** If connecting to an iOS smart device, a USB to Lightning adapter is required (not included). For Android smart devices, a USB to USB-C adapter is required (not included).
7. **External Speaker Connection (Optional):** If using external powered speakers, connect the mixed mic-level output from the USB-MC to the input of your powered speaker system.

5. OPERATING INSTRUCTIONS

1. **Power On Microphones:** Turn on each handheld wireless microphone. The RF indicator on the corresponding Digital-Quad receiver channel should illuminate, indicating a successful connection.
2. **Adjusting Receiver Volume:** On each Digital-Quad receiver, adjust the individual volume knobs (A, B, C, D, E, F, G, H) for each microphone channel to a suitable starting level. The AF indicator will light up when audio is detected.
3. **Adjusting USB-MC Mixer Volume:** On the USB-MC mixer, adjust the individual MIC 1-4 level controls. These controls affect the overall level of the audio signal being sent to your computer or smart device.
4. **Computer/Smart Device Settings:** On your computer or smart device, select the VocoPro USB-MC as the audio input device in your recording or streaming software settings. Adjust the input gain within the software as needed.
5. **Monitoring Audio:** Monitor the audio output through your computer's speakers, headphones, or connected external speakers to ensure proper levels and sound quality.
6. **Frequency Band Information:** The system operates in the 900MHz frequency band, which is specifically chosen to avoid common interference from Wi-Fi, TV, and radio broadcasts.
7. **Power Off:** After use, turn off all handheld microphones, then power off the Digital-Quad receivers. Disconnect the USB-MC from your computer/smart device.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the USB-MC mixer, Digital-Quad receivers, and microphones. Avoid using liquid cleaners or abrasive materials.
- **Battery Replacement:** Replace microphone batteries regularly, especially before important events, to ensure optimal performance. Remove batteries if the microphones will not be used for an extended period to prevent leakage.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle antennas carefully to prevent bending or damage. Ensure they are securely attached during operation.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from microphones	<p>Microphone not powered on</p> <p>Dead batteries in microphone</p> <p>Receiver not powered on</p> <p>Volume levels too low on receiver or USB-MC</p> <p>Incorrect audio input selected on computer/smart device</p> <p>Cables not connected properly</p>	<p>Ensure microphone is switched ON.</p> <p>Replace microphone batteries.</p> <p>Ensure Digital-Quad receivers are powered ON.</p> <p>Increase volume knobs on Digital-Quad receivers and USB-MC.</p> <p>Verify "VocoPro USB-MC" is selected as the input device in your software.</p> <p>Check all audio and USB cable connections.</p>
Interference or poor sound quality	<p>Microphone too far from receiver</p> <p>Obstructions between microphone and receiver</p> <p>External electronic interference</p>	<p>Reduce distance between microphone and receiver.</p> <p>Ensure clear line of sight between microphone and receiver antennas.</p> <p>Move away from other wireless devices or strong electromagnetic fields.</p>
USB-MC not recognized by computer	<p>Faulty USB cable</p> <p>USB port issue</p> <p>Operating system driver issue</p>	<p>Try a different USB cable.</p> <p>Connect to a different USB port on your computer.</p> <p>Restart your computer.</p>

8. SPECIFICATIONS

Feature	Detail
Item Weight	23 pounds
Package Dimensions	23 x 17 x 10 inches
ASIN	B0BD61C5TM
Item Model Number	USB-Acapella 8
Date First Available	September 5, 2022
Color	black
Connector Type	USB
Hardware Platform	Television (<i>Note: This may refer to compatibility, not primary use</i>)
Power Source	Corded Electric (for Digital-Quad receivers), USB Powered (for USB-MC)
Brand	VocoPro
Form Factor	benchtop

Feature	Detail
UPC	692868872280

9. SAFETY INFORMATION

- Do not expose the units to rain or moisture.
- Avoid placing the units near heat sources or in direct sunlight.
- Do not attempt to open or service the units yourself. Refer all servicing to qualified personnel.
- Use only the power adapters and cables supplied by the manufacturer.
- Keep out of reach of children.
- Dispose of batteries according to local regulations.

10. WARRANTY AND SUPPORT

VocoPro products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service, please refer to the official VocoPro website or contact their customer service department.

Please retain your proof of purchase for warranty claims.

VocoPro Official Website: www.vocopro.com

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Related Documents - USB-Acapella 8

	<p>Pro Audio Gear Guide: Optimize Your Studio Setup</p> <p>Explore B&H's comprehensive guide to upgrading your pro audio setup, featuring microphones, monitors, mixers, and more. Learn how to identify weak links and enhance your sound quality.</p>
	<p>VocoPro SmartTVoke Karaoke Mixer with Digital Input & Wireless Microphones Owner's Manual</p> <p>Owner's manual for the VocoPro SmartTVoke, a karaoke mixer with digital input and wireless microphones. Provides setup, operation, safety, and troubleshooting information.</p>

	<p>B&H Professional Audio Equipment Catalog - Microphones, Studio Gear, Instruments & More</p> <p>Explore the extensive B&H Professional Audio catalog featuring a wide range of microphones, studio monitors, mixers, instruments, and accessories for broadcast, studio, and live sound applications. Includes detailed product overviews and expert tips for optimal audio production.</p>
	<p>NI USB-621x User Manual: National Instruments DAQ M Series</p> <p>Explore the National Instruments USB-621x M Series Data Acquisition (DAQ) devices with this comprehensive user manual. Learn about installation, configuration, analog input/output, digital I/O, counters, and integration with NI-DAQmx software for robust data acquisition and control applications.</p>
	<p>JAR Systems Elevate USB-C Charging Cart MC-6XXX User Guide</p> <p>User guide for the JAR Systems Elevate USB-C Charging Cart, model MC-6XXX. Provides instructions on setup, operation, LED indicators, troubleshooting, cable management, and warranty information.</p>
	<p>RALENO C30 Webcam User Manual</p> <p>User manual for the RALENO C30 webcam, detailing setup, connection, usage, specifications, and professional support. Features full HD 1080p video and dual microphones for clear video calls.</p>