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D Debra AU800

D Debra Audio AU800 Pro UHF 8-Channel Wireless Microphone System User Manual

Model: AU800 | Brand: D Debra

Introduction

The D Debra Audio AU800 Pro is an 8-channel UHF wireless microphone system designed for various audio applications, including karaoke, church events, parties, conferences, and classrooms. This system utilizes UHF frequency technology to minimize interference and ensure stable signal transmission. It includes a metal receiver, four handheld microphones, and four bodypack transmitters with lavalier and headset microphones, offering versatile audio capture options.



Image: The D Debra Audio AU800 Pro 8-Channel Wireless Microphone System, showcasing the receiver unit, four handheld microphones, and four bodypack transmitters with associated lavalier and headset microphones.

Package Contents

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

- 1 x Wireless Receiver
- 4 x Handheld Microphones
- 4 x Bodypack Transmitters
- 4 x Headset Microphones
- 4 x Lavalier Microphones
- 4 x Antennas
- 1 x Audio Cable
- 1 x Power Supply
- 2 x Angle Codes (Rack Mount Brackets)
- 4 x Screws
- 1 x User Manual



Image: A visual representation of all components included in the D Debra Audio AU800 Pro 4 Handheld & 4 Bodypack system.

Product Overview

Wireless Receiver (AU800)

The AU800 receiver is the central unit of the system, featuring 8 channels for simultaneous microphone use. It includes individual volume controls for each channel, RF signal indicators, and various audio output options for connection to mixers or active speakers. The robust metal enclosure ensures durability.



Image: Detailed view of the AU800 receiver's front panel with channel controls and power indicator, and the rear panel with antenna connections, individual XLR outputs, and a 6.3mm mixed audio output.

Handheld Microphones

The handheld microphones are designed for comfortable grip and clear vocal reproduction. Each microphone features an ON/MUTE/OFF switch for easy control and operates on AA batteries.

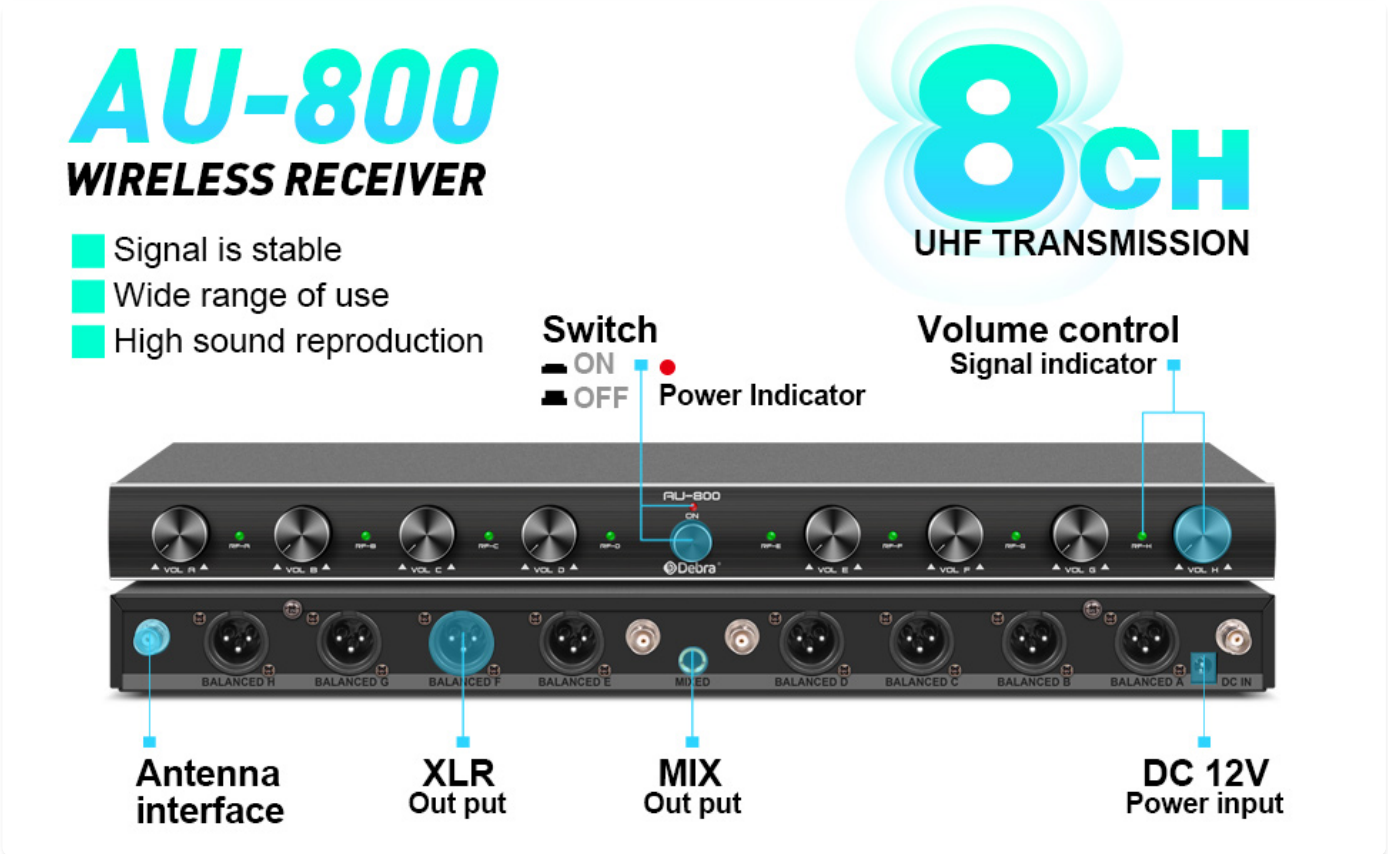


Image: A handheld wireless microphone with its control switch and a view of the internal battery compartment.

Bodypack Transmitters with Lavalier/Headset Mics

The bodypack transmitters provide flexibility for users requiring hands-free operation. They connect to either lavalier (clip-on) or headset microphones, ideal for presentations, teaching, or performances. Each bodypack also operates on AA batteries and includes volume adjustment.



Image: A bodypack transmitter with an attached lavalier microphone and a separate headset microphone, illustrating the versatility of the system.

Setup Instructions

1. **Power On:** Connect the power supply to the AU800 receiver and plug it into an electrical outlet. Turn on the receiver using the power switch.
2. **Install Batteries:** Open the battery compartments of the handheld microphones and bodypack transmitters. Insert two AA batteries into each unit, ensuring correct polarity.
3. **Automatic Linking:** Once the receiver and microphones/bodypacks are powered on, they will automatically link. The RF indicators on the receiver will illuminate when a stable connection is established for each channel.
4. **Connect Antennas:** Screw the provided antennas onto the corresponding ports on the rear of the receiver. Ensure they are securely tightened and positioned for optimal signal reception.
5. **Connect to Mixer (XLR Output):** For individual channel control, connect XLR cables from the balanced XLR outputs on the receiver (Balanced A, B, C, etc.) to the XLR inputs on your audio mixer.
6. **Connect to Mixer (Mixed Output):** Alternatively, for a combined output of all microphones, connect a 6.3mm (1/4 inch) audio cable from the 'Mixed Output' jack on the receiver to a line input on your audio mixer.
7. **Connect to Active Speakers (XLR Output):** If connecting directly to active speakers, use an XLR cable from one of the balanced XLR outputs on the receiver to an XLR input on your active speaker.
8. **Connect to Active Speakers (Mixed Output):** For a combined output to active speakers, use a 6.3mm (1/4 inch) audio cable from the 'Mixed Output' jack on the receiver to a line input on your active speaker.

Your browser does not support the video tag.

Video: This video demonstrates the connection process for the D Debra AU800 Pro wireless microphone system, including powering on, automatic linking of microphones, and connecting the receiver to a mixer or active speakers using both XLR and 6.3mm mixed audio outputs.



Image: Instructions for installing AA batteries into both the bodypack transmitter and the handheld microphone, highlighting the battery compartment and orientation.

Operating Instructions

1. **Microphone Power:** Use the ON/MUTE/OFF switch on each handheld microphone or bodypack to power it on or off. The MUTE position temporarily silences the microphone without powering it down.
2. **Adjusting Volume:** Each channel on the AU800 receiver has an independent volume control knob. Rotate the knob clockwise to increase volume and counter-clockwise to decrease it. Adjust these to achieve the desired audio level for each microphone.
3. **Signal Range:** The system offers a wireless signal range of up to 80 meters (260 feet) in an open environment. Ensure clear line-of-sight between the microphones/bodypacks and the receiver for optimal performance.



"**D Debra**" is a registered brand of musical instruments. Its philosophy is not only dedicated to the gorgeous appearance of products, but also has inherent high quality. The purpose is to express that more hobby users and users can use high-quality products. Its design icon is not only liked by people with many years of experience in the musical instrument industry, but also attracts young people who are all new to performing.

Image: A visual representation of the wireless signal range, showing a microphone transmitting to the receiver over a distance of up to 80 meters (260 feet).

Your browser does not support the video tag.

Video: This video provides an overview of the D Debra AU800 Pro UHF 8-Channel Wireless Microphone System, highlighting its components, features, and potential applications.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Avoid using liquid cleaners or solvents.
- **Battery Replacement:** Replace batteries in microphones and bodypacks when the low battery indicator appears or when performance degrades. Always use fresh AA batteries.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Remove batteries if storing for extended periods.
- **Antenna Care:** Handle antennas carefully to prevent bending or damage. Ensure they are properly connected for optimal signal.

Troubleshooting

Problem	Possible Cause	Solution
No sound from microphone	Microphone/bodypack off; low batteries; receiver off; incorrect cable connection; mixer/speaker input issue.	Ensure microphone/bodypack is ON (not MUTE); replace batteries; check receiver power; verify all audio cables are correctly connected; check mixer/speaker input settings and volume.

Problem	Possible Cause	Solution
Interference or static noise	Other wireless devices nearby; weak signal; environmental obstacles; incorrect frequency setting (less common with auto-link).	Move away from other wireless devices (Wi-Fi routers, other wireless mics); ensure clear line-of-sight between transmitter and receiver; reposition antennas; try a different location if possible.
Low volume or distorted sound	Microphone volume too low; receiver channel volume too low; input gain on mixer/speaker too low/high; microphone too far from source.	Increase microphone volume; adjust receiver channel volume; check input gain on connected audio equipment; ensure microphone is close enough to the sound source.
Microphone not linking	Microphone/receiver not powered on; out of range; battery issue.	Ensure both transmitter and receiver are powered on; bring transmitter closer to receiver; replace batteries.

Specifications

Feature	Specification
Brand	D Debra
Model Number	AU800 (4HD4LR4HT variant)
Connectivity Technology	UHF Wireless, XLR
Connector Type	XLR, 6.3mm (1/4 inch)
Special Feature	Volume Control
Compatible Devices	Speakers, Mixers, Karaoke Machines
Color	Black (4 Handheld & 4 Bodypack)
Microphone Form Factor	Handheld, Bodypack (Lavalier/Headset)
Number of Batteries	AA batteries required (2 per mic/bodypack)
Signal-to-Noise Ratio	80 dB
Number of Channels	8
Frequency Response	16000 Hz
Audible Noise	80 Decibels
Enclosure Material	Metal (Receiver)

Safety Information

- Do not expose the unit to rain or moisture to avoid fire or electric shock.
- Do not open the casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.

- Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use only attachments/accessories specified by the manufacturer.
- Dispose of batteries properly according to local regulations. Do not expose batteries to excessive heat.

Warranty and Support

This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the warranty card included in your package or visit the official D Debra Audio store online. You can find additional resources and contact information at the D Debra Audio Store.

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