



Manuals.plus /

› XIAOKOA /

› XIAOKOA U12DX UHF Wireless Guitar System Instruction Manual

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XIAOKOA U12DX UHF Wireless Guitar System Instruction Manual

Model: U12DX

INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your XIAOKOA U12DX UHF Wireless Guitar System. Designed for electric guitars, basses, and other musical instruments with 1/4 inch outputs, this system offers reliable, high-fidelity audio transmission.

Key Features:

- **Stable UHF Transmission:** Experience clear audio and robust signal transmission up to 164 feet (50 meters) in open environments.
- **Integrated LED Display:** Monitor frequency, volume levels, and battery status at a glance for precise control.
- **Flexible 280° Rotatable Plug:** The adjustable plug ensures compatibility and a secure fit with various instrument jack positions.
- **Extended Battery Life:** A 500mAh rechargeable battery provides up to 6 hours of continuous operation.
- **Multi-Channel Operation:** Select from 15 available channels to use multiple systems simultaneously without signal interference.

WHAT'S IN THE BOX

Your XIAOKOA U12DX Wireless Guitar System package includes:

- Transmitter (x1)
- Receiver (x1)
- 6.35mm to 3.5mm Converter (x1)
- Charging Cable (x1)
- Instruction Manual (x1)



Image: The product packaging displays the red transmitter and receiver units, along with text highlighting signal stabilization, high-definition sound quality, and screen display. The box also lists included accessories.

SETUP INSTRUCTIONS

1. **Charge the Units:** Before first use, fully charge both the transmitter and receiver using the provided dual USB charging cable. The LED screen will indicate battery status. A full charge takes approximately 2 hours and provides up to 6 hours of working time.

Long Battery Life

Built-in 500mAh rechargeable lithium battery



2 Hours
Charging Time



6 hours
Working Time



Image: Illustration showing the transmitter and receiver being charged simultaneously via a dual USB cable, highlighting 2 hours charging time for 6 hours working time.

2. **Power On:** Turn on both the transmitter and receiver units. They will automatically attempt to pair.

Your browser does not support the video tag.

Video: A demonstration of the simple operation of the guitar receiver, showing how to power it on and connect it.

3. **Connect Receiver:** Plug the receiver unit into your amplifier's input jack. If your amp has a 3.5mm input, use the provided 6.35mm to 3.5mm converter.

Long Distance Transmission



Image: The red receiver unit is shown plugged into a guitar amplifier, illustrating the connection point.

4. **Connect Transmitter:** Plug the transmitter unit into your instrument's 1/4 inch output jack. The 280° rotatable plug allows for optimal positioning to avoid interference with your playing or other controls.

280° Rotatable Design

Available for instruments with input jack in different positions.



Image: The red transmitter unit is plugged into an electric guitar, demonstrating the flexible 280° rotatable design of the plug.

5. **Pairing:** The units should automatically pair. The LED screen on both units will display connection status. If they do not pair automatically, ensure both are powered on and within range.

Your browser does not support the video tag.

Video: This video highlights the unique LED display of the wireless guitar system, showing how it indicates pairing status and other information.

OPERATING INSTRUCTIONS

1. **Check Display:** The LED screen on both the transmitter and receiver will show the current frequency channel, volume level, and battery status.

LED Digital Screen



Image: Close-up of the LED digital screen on both the transmitter and receiver, displaying frequency (C14), volume (V08), and battery power levels.

2. **Adjust Volume:** Use the volume controls on your instrument and amplifier as usual. The system itself may have volume adjustment buttons on the units.
3. **Change Channels:** If you experience interference, you can change the operating channel. The system supports 15 selectable channels. Refer to the quick start guide for specific button presses to change channels.
4. **Range:** The system provides a stable connection up to 164 feet (50 meters) in open areas. Performance may vary in environments with obstacles or other wireless devices.

Long Distance Transmission



Image: The red transmitter and receiver units are shown with arrows indicating a long-distance transmission range of 50m/164ft in an open area.

MAINTENANCE

- **Charging:** Recharge the units when the battery indicator shows low power. Avoid completely draining the battery to prolong its lifespan.
- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the units with care to prevent damage to the plugs or internal components.

TROUBLESHOOTING

- **No Sound/Interference:**
 - Ensure both transmitter and receiver are fully charged and powered on.
 - Verify that both units are properly paired (check LED indicators).
 - Try changing the channel on both units to avoid interference from other wireless devices.
 - Check the distance between the transmitter and receiver; ensure they are within the 164ft (50m) operating range.
 - Confirm that your instrument and amplifier volume levels are appropriately set.

- **Poor Sound Quality (Muffled/Muddy/Hum):**

- Ensure the units are fully charged. Low battery can affect sound quality.
- Check for strong interference sources nearby (e.g., Wi-Fi routers, other wireless systems).
- Re-pair the units or try a different channel.
- If using with an acoustic guitar or instrument with active pickups, ensure the system is compatible as some active pickups may cause issues.

- **Battery Not Holding Charge:**

- Ensure you are using the provided charging cable and a compatible USB power source.
- If issues persist, contact customer support.

SPECIFICATIONS

Brand	XIAOKOA
Model Number	U12DX
Item Weight	5.9 ounces (0.17 Kilograms)
Product Dimensions	5.91 x 4.72 x 1.57 inches (12 cm x 15 cm x 4 cm)
Battery Type	2 Lithium Ion batteries (included), Lithium Polymer
Power Source	Battery Powered
Compatible Devices	Double Bass, Guitar, Keyboard
Connector Type	3.5mm Jack, 6.35mm Jack
Material	Plastic

WARRANTY AND SUPPORT

The XIAOKOA U12DX Wireless Guitar System typically comes with a 3-year warranty. For any product issues, technical assistance, or warranty claims, please contact XIAOKOA customer support. 24/7 customer support is generally available to assist you.