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› SWIFF 5.8GHz Wireless Guitar System WX503 Instruction Manual

SWIFF AUDIO WX503

SWIFF 5.8GHz Wireless Guitar System

Model: WX503

Brand: SWIFF AUDIO

PRODUCT OVERVIEW

The SWIFF 5.8GHz Wireless Guitar System (Model WX503) is designed to provide high-quality audio transmission for stringed instruments and other audio devices. Utilizing 5.8G wireless technology, it offers a stable and low-latency connection, making it suitable for both live performances and studio recording. The system includes a transmitter, a receiver, and an innovative charging case that doubles as a portable power bank.

- **5.8GHz Wireless Transmission:** Offers a 3M bandwidth, providing higher sampling rates compared to traditional 2.4G systems.
- **Innovative Charging Case:** Equipped with a 5200mAh rechargeable battery, providing up to 20 hours of total battery life for the system and capable of charging other devices.
- **Long Distance Transmission:** Achieves up to 100 feet (approximately 30 meters) of ultra-long transmission distance with minimal delay (<5ms).
- **Multi-Channel Support:** Features 4 signal channels, allowing one transmitter to pair with multiple receivers or multiple systems to operate simultaneously without interference.
- **Wide Compatibility:** Compatible with all 6.35mm (1/4") audio jack instruments and equipment, including guitars, keyboards, and microphones.

PACKAGE CONTENTS

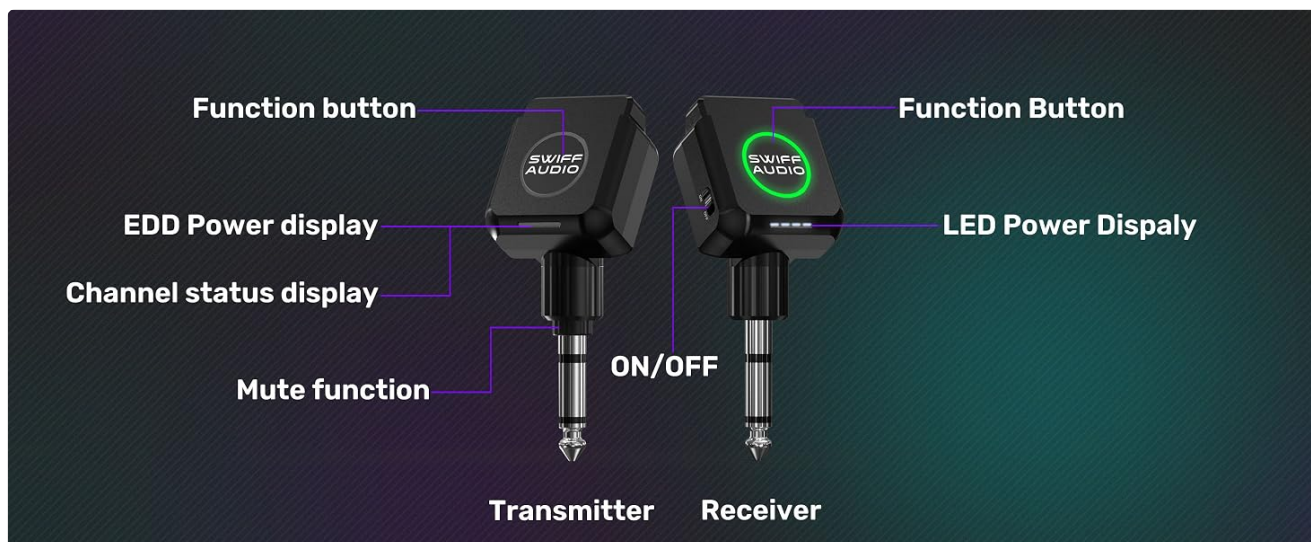


Image: Contents of the SWIFF WX503 Wireless Guitar System package, including the transmitter, receiver, charging case, Type-C cable, user manual, and drawstring bag.

Upon opening the package, please verify that all components are present and in good condition:

- 1x Transmitter
- 1x Receiver
- 1x Charging Case
- 1x Type-C Cable
- 1x User Manual
- 1x Drawstring Bag

SETUP GUIDE

1. Initial Charging

Before first use, ensure both the transmitter, receiver, and the charging case are fully charged. Connect the provided Type-C cable to the charging case and a suitable USB power adapter (not included). The battery status display on the charging case will indicate the charging progress.

Type-C high-speed charging case



Image: Close-up of the Type-C high-speed charging case, showing the transmitter and receiver charging slots, battery status button, battery status display, and Type-C charging port.

2. Connecting the Transmitter and Receiver

The system consists of two main units: a transmitter and a receiver. The transmitter sends the audio signal from your instrument, and the receiver receives it, outputting to an amplifier or audio interface.

1. **Transmitter Connection:** Plug the transmitter unit into the 6.35mm (1/4") audio output jack of your instrument (e.g., electric guitar, bass, keyboard). Ensure it is securely seated.
2. **Receiver Connection:** Plug the receiver unit into the 6.35mm (1/4") audio input jack of your amplifier, mixer, audio

interface, or other audio device.

Connect the transmitter and receiver

Receiver

Plug the receiver into the jack of the Audio device.

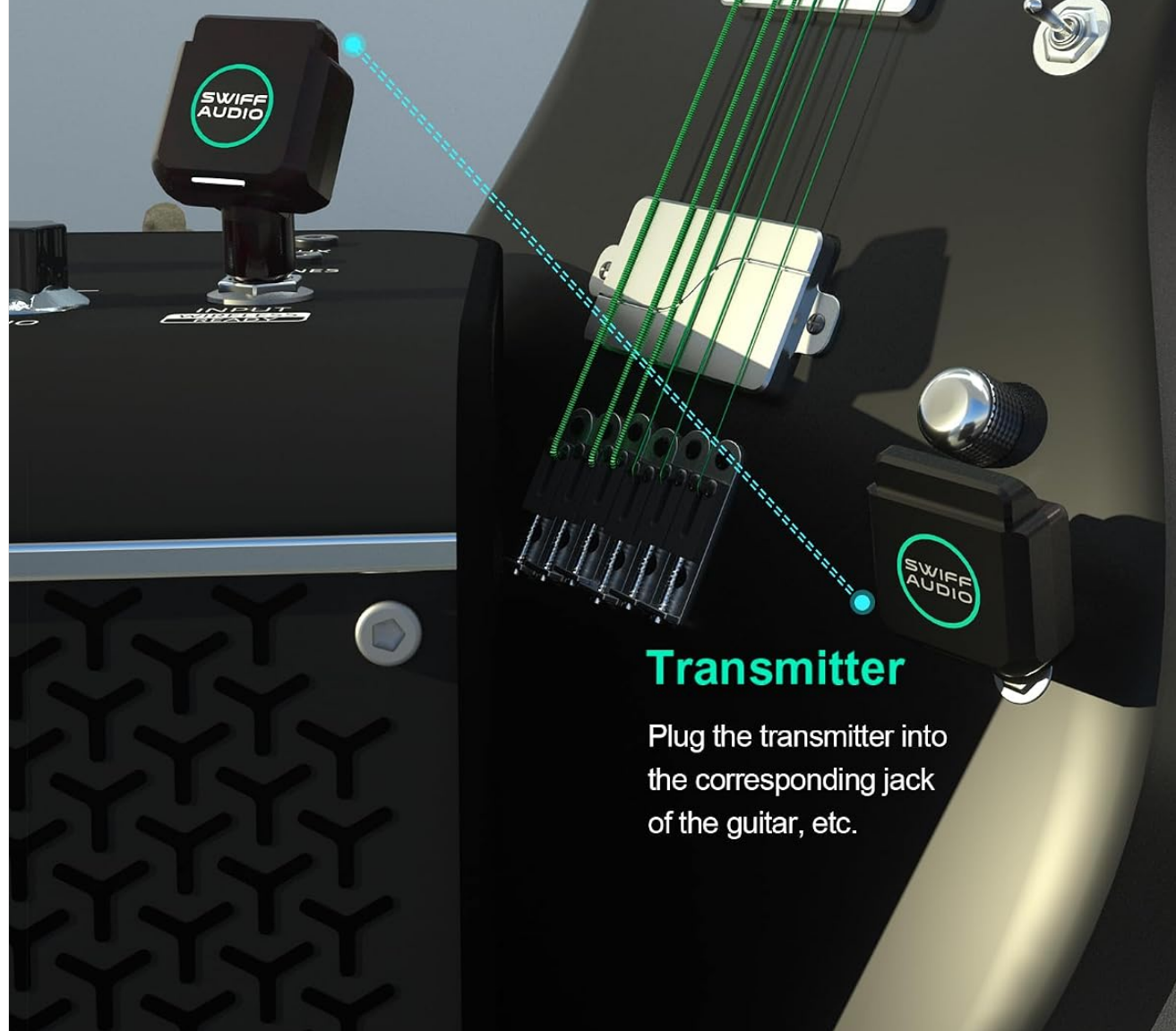


Image: Diagram illustrating the connection of the transmitter to a guitar's output jack and the receiver to an audio device's input jack.

The units are designed to be compact and fit various instrument jack orientations, including those with vibrato systems or multiple effect pedals.



Image: The SWIFF WX503 wireless guitar system components, showing the transmitter, receiver, and their charging case.

OPERATING INSTRUCTIONS

1. Powering On/Off

Locate the ON/OFF switch on both the transmitter and receiver units. Slide the switch to the 'ON' position to power them on. The LED indicators will illuminate. To power off, slide the switch to the 'OFF' position.



Image: Detailed view of the transmitter and receiver, highlighting the function button, power display (EDD for transmitter, LED for receiver), channel status display, and ON/OFF switch.

2. Channel Selection and Pairing

The WX503 system supports 4 signal channels to prevent interference. The transmitter and receiver will automatically pair when powered on. If you experience interference or wish to use multiple systems simultaneously, you can switch channels:

- Press the Function button on both the transmitter and receiver to cycle through the available channels. Ensure both units are set to the same channel for proper operation.
- One transmitter can be simultaneously matched with up to four receivers by switching channels. This is ideal for band rehearsals or multi-instrument setups where multiple wireless connections are needed without crosstalk.

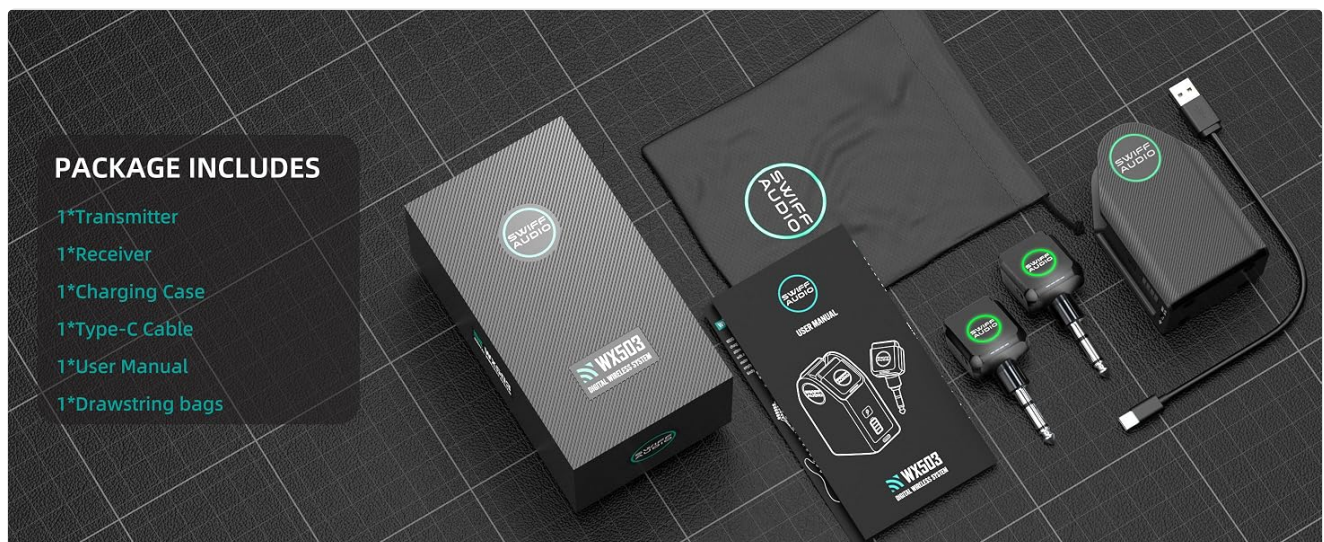


Image: Illustration demonstrating the SWIFF WX503's capability for one-to-one connection and one-to-many connections, showing four guitars connected to four separate amplifiers using the system.

3. Understanding Signal Transmission

The system operates on a 5.8GHz frequency, providing a robust and clear signal. It offers a transmission distance of up to 100 feet (approximately 30 meters) with a low latency of less than 5 milliseconds, ensuring real-time audio fidelity.

5.8G Wireless transmission transceiver system



Image: A visual representation of the 5.8G wireless transmission system in action, showing a transmitter unit plugged into an audio device with a wireless signal icon above it.

Transmission Distance: >30



Image: An illustration depicting two wireless units with arrows indicating a transmission range of over 30 meters (100 feet).

4. Noise Canceling Function

The transmitter is equipped with a powerful noise canceling function to ensure a clean audio signal, minimizing unwanted background noise and interference.

The transmitter's powerful noise canceling function

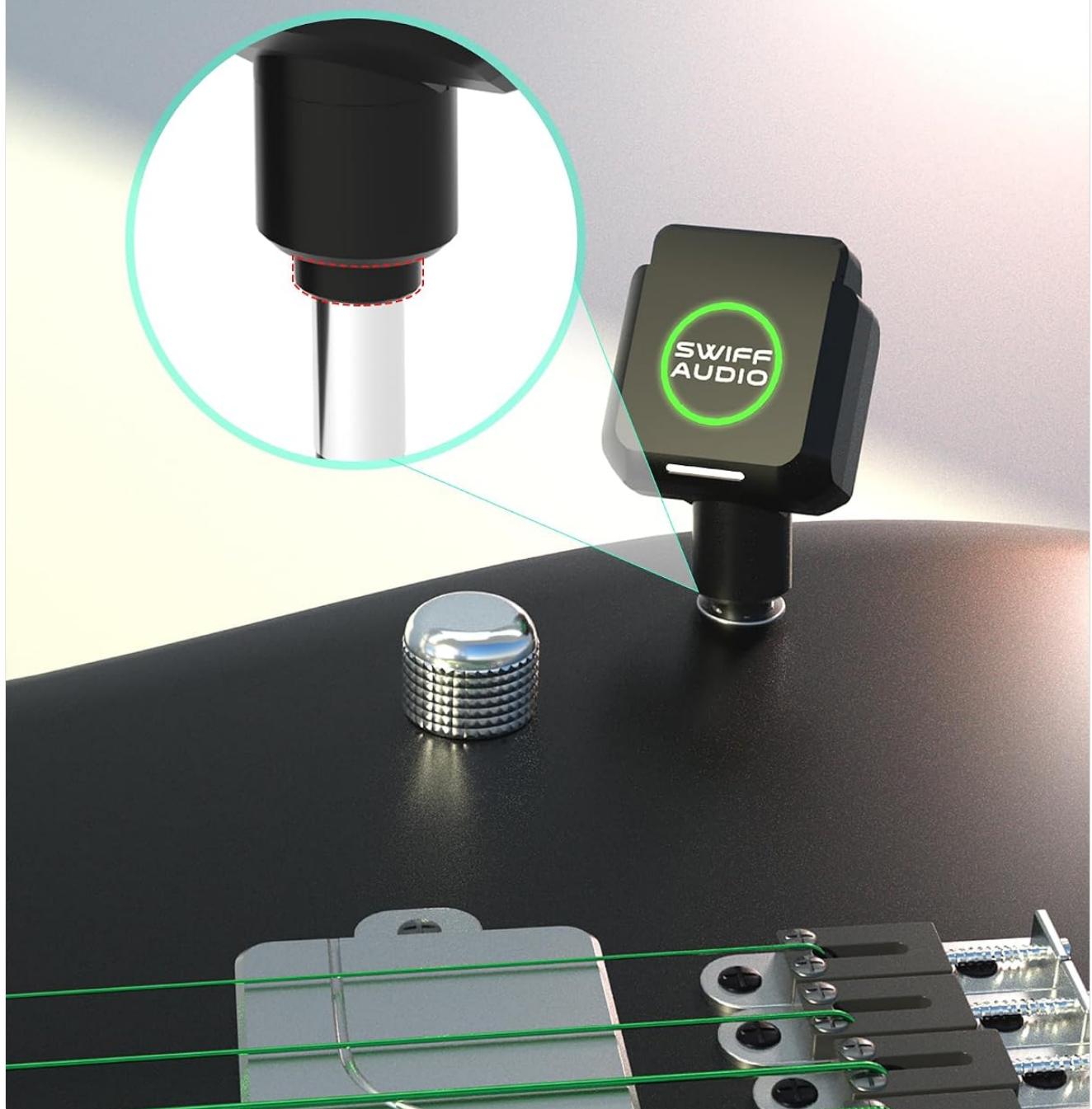


Image: A close-up view highlighting the noise canceling feature of the transmitter, showing its connection point to an instrument.

5. Charging Case as Power Bank

The 5200mAh charging case not only recharges the transmitter and receiver but can also serve as a portable power bank for other USB-powered devices like smartphones or tablets. Use the USB output port on the charging case to connect your device.

**It is both a wireless audio
transceiver and a power bank**



Image: The charging case connected via USB-C cable to a smartphone, demonstrating its function as a power bank.



Image: A detailed view of the 5200mAh large capacity charging case, showing its charging slots and power indicators, emphasizing its ability to charge the system twice for up to 6 hours of use per charge.

6. Applications

The SWIFF WX503 is versatile and can be used with a variety of instruments and setups:



Image: Collage showing the SWIFF WX503 in use with an electric guitar, electric piano, acoustic guitar, and electronic drums, demonstrating its wide range of applications.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your SWIFF Wireless Guitar System:

- **Cleaning:** Use a soft, dry cloth to clean the units and charging case. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the system in its charging case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To maintain battery health, fully charge the units and charging case periodically, even if not in regular use. Avoid completely draining the batteries frequently.
- **Handling:** Handle the transmitter and receiver with care. Avoid dropping them or subjecting them to strong impacts, which could damage internal components.

TROUBLESHOOTING

If you encounter issues with your SWIFF Wireless Guitar System, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound Output	- Units not powered on. - Low battery. - Transmitter and receiver not paired or on different channels. - Incorrect connection to instrument/amplifier. - Instrument/amplifier volume too low.	- Ensure both transmitter and receiver are powered on. - Charge both units and the charging case. - Press the Function button on both units to ensure they are on the same channel. - Verify secure connection of transmitter to instrument and receiver to amplifier. - Increase volume on instrument and amplifier.
Interference/Static Noise	- Other 5.8GHz devices nearby. - Too many wireless systems on the same channel. - Obstructions between transmitter and receiver.	- Change the channel on both the transmitter and receiver. - Ensure line of sight between units if possible, or reduce distance. - Move away from other wireless devices (Wi-Fi routers, other 5.8GHz devices).
Short Battery Life	- Units not fully charged. - Aging battery.	- Ensure units are fully charged before use. - If battery life significantly degrades over time, contact customer support.
Charging Case Not Charging Devices	- Charging case battery is low. - Incorrect cable or connection.	- Recharge the charging case. - Ensure the USB cable is properly connected to the output port and your device.

SPECIFICATIONS

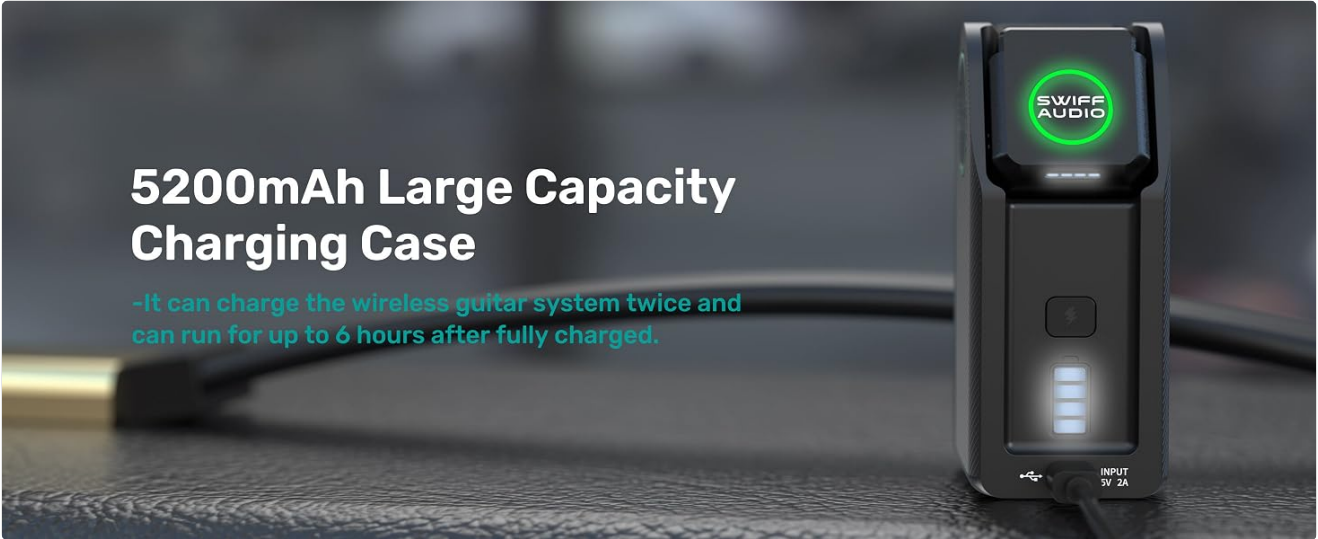


Image: Diagram showing the dimensions of the SWIFF WX503 transmitter, receiver, and charging case in both millimeters and inches.

Feature	Detail
Model Number	WX503
Wireless Frequency	5.8GHz
Transmission Distance	Up to 100 feet (approx. 30 meters)
Latency	<5ms
Frequency Response	20-20KHz
Signal Channels	4
Charging Case Battery Capacity	5200mAh
System Battery Life (per charge)	Up to 6 hours
Total Battery Life (with charging case)	Up to 20 hours
Item Weight	6.4 ounces
Package Dimensions	6.26 x 3.54 x 2.72 inches
Battery Type	Lithium Polymer (2 required, included)

WARRANTY AND SUPPORT

SWIFF AUDIO is committed to providing high-quality products and customer satisfaction. For information regarding product warranty, please refer to the warranty card included in your package or visit the official SWIFF AUDIO website.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact SWIFF AUDIO customer

support. You can often find contact information on the product packaging, the official brand website, or through your point of purchase.

You can also visit the [SWIFF AUDIO Store on Amazon](#) for more product information and support resources.

Protection Plans

Extended protection plans may be available for your SWIFF Wireless Guitar System. These plans offer additional coverage beyond the standard manufacturer's warranty. For details on available protection plans, such as 3-Year or 4-Year options, please refer to the product listing page where you purchased the item or inquire with your retailer.

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This manual is for informational purposes only. Specifications are subject to change without notice.