

## S SWIFF Morza/va490

# SWIFF High-Grade Electronic Guitar Wireless System

Model: Morza/va490

Brand: S SWIFF

## INTRODUCTION

This manual provides detailed instructions for the proper use and care of your SWIFF High-Grade Electronic Guitar Wireless System. Designed for electric musical instruments, this system offers reliable, high-fidelity wireless audio transmission, allowing for freedom of movement during performances and practice. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

## PRODUCT OVERVIEW & KEY FEATURES

The SWIFF Wireless System utilizes advanced UHF frequency transmission technology to deliver clear and stable audio. It consists of a transmitter and a receiver, both compact and rechargeable.

- **High-Grade Performance:** Employs the latest wireless UHF frequency transmission technology, offering superior technical parameters compared to conventional systems. Features include power display and fast charging capabilities.
- **Long Distance Transmission:** Operates at 24bit/48kHz sampling frequency with a 30-16KHz frequency response range, achieving a transmission range of up to 164 feet (50 meters). Ensures no signal loss, no lag, instant fidelity, and pure tone with a delay of less than 2ms.
- **Multi-Device Support:** UHF technology allows for simultaneous use of multiple units, each with a separate transmission channel, preventing interference between devices.
- **Durable Rechargeable Battery:** Equipped with a built-in rechargeable lithium battery, providing approximately 5 hours of working time on a full charge. Battery capacity can be checked by double-clicking the main button.
- **Simple Use & Wide Compatibility:** Features a 220° rotatable plug for easy connection. Designed for plug-and-play operation. Compatible with most electric musical instruments featuring a standard 6.35mm (1/4 inch) jack, including electric guitars, basses, violins, and ukuleles.



Image: The SWIFF WS-50 wireless guitar system, showing both the transmitter and receiver units. Both units are black with green accents, featuring the 'SWIFF AUDIO WS-50' logo and battery indicators. The transmitter has a 1/4-inch jack for instrument connection, and the receiver has a similar jack for amplifier connection.

## PACKAGE CONTENTS

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Please verify that all items are present in your package:

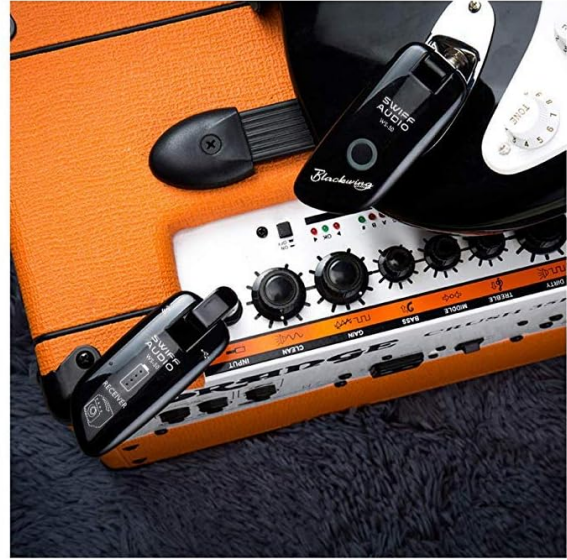
- SWIFF Wireless Guitar Transmitter (1 unit)
- SWIFF Wireless Guitar Receiver (1 unit)
- Micro USB Charging Cable (1 unit)



Image: A visual representation of the SWIFF WS-50 wireless system's package contents, including the transmitter, receiver, and a dual-ended micro USB charging cable, alongside the product box and user manual.

## SETUP GUIDE

1. **Charge the Units:** Before first use, fully charge both the transmitter and receiver using the provided Micro USB charging cable. Connect the dual-ended cable to a 5V 2A USB power adapter (not included). The battery indicator lights will show charging status.
2. **Identify Units:** The transmitter is typically labeled 'TRANSMITTER' and the receiver 'RECEIVER'.
3. **Connect Transmitter:** Plug the transmitter into your electric musical instrument's 6.35mm (1/4 inch) output jack. The plug is rotatable by 220° for convenient positioning.
4. **Connect Receiver:** Plug the receiver into your amplifier's 6.35mm (1/4 inch) input jack.
5. **Power On:** Press and hold the power button on both the transmitter and receiver until the indicator lights illuminate. The units will automatically pair.



## Support Multiple Equipment Simultaneously without interfering with Each Other

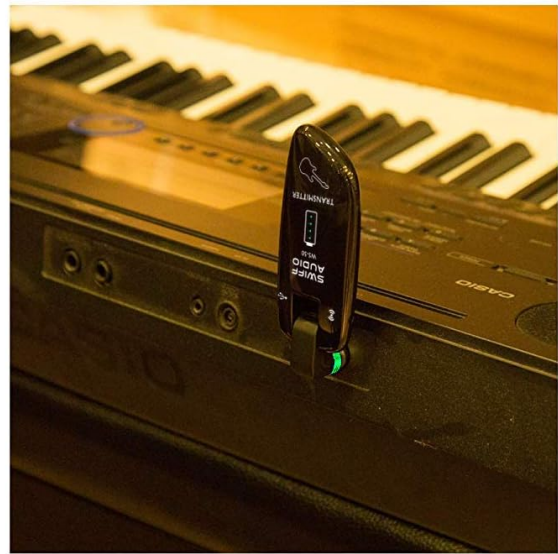
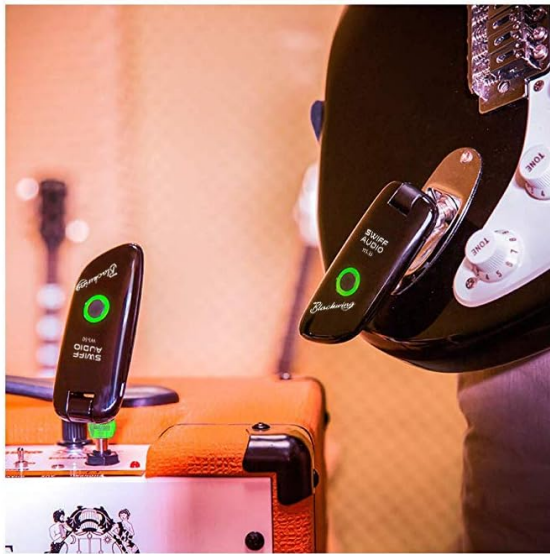


Image: The SWIFF WS-50 wireless system shown connected to various musical instruments, including an acoustic guitar, an electric guitar, and a keyboard, demonstrating its versatility and the rotatable plug feature.

## OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the main button on each unit for approximately 2 seconds to power on or off.
2. **Pairing:** The transmitter and receiver are designed to pair automatically upon power-on. If pairing fails, power both units off and on again.
3. **Channel Selection:** The system supports multiple channels to avoid interference. If you experience interference, briefly press the main button on both the transmitter and receiver to cycle through available channels until a clear signal is established. Ensure both units are on the same channel.
4. **Battery Indicator:** Double-click the main button on either unit to display the current battery level via the indicator lights on the back.
5. **Usage Tip:** To avoid a loud 'POP' sound, always turn on your amplifier *after* the wireless system, and turn off your amplifier *before* turning off the wireless system.

## CHARGING AND BATTERY MANAGEMENT



ended USB cable, along with a detailed chart explaining the battery indicator light patterns for different charge levels.

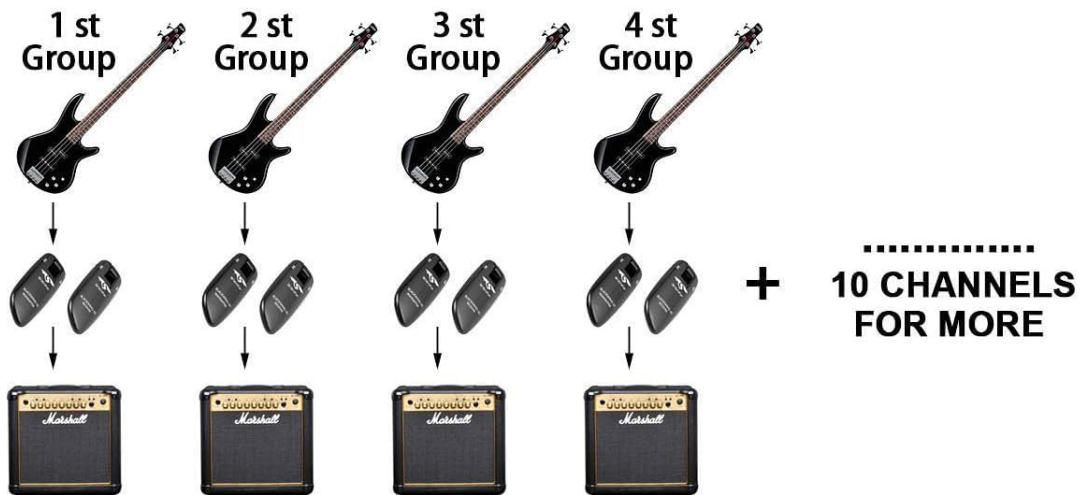
## MULTI-CHANNEL OPERATION

The SWIFF Wireless System supports up to 100 channels, allowing multiple units to be used simultaneously without interference. This is particularly useful in environments with multiple musicians using wireless systems.

- **Multiple Instruments, One Amplifier:** You can use multiple transmitters (each paired to a receiver) with separate instruments, all feeding into different inputs of a single amplifier or mixer. Each transmitter/receiver pair should be set to a unique channel.
- **One Instrument, Multiple Amplifiers:** A single transmitter can broadcast to multiple receivers, allowing one instrument to be connected to several amplifiers simultaneously. All receivers must be paired to the same transmitter and set to the same channel.
- **Channel Switching:** If you encounter signal interference from other wireless devices, briefly press the main button on both the transmitter and receiver to switch to a different channel. Ensure both units are on the same channel for proper operation.

### NO.1 10 CHANNELS FOR MORE DEVICES

(WITHOUT INTERFERING WITH EACH OTHER)



### OR NO.2 1 TRANSMITTER -----100+RECEIVERS

(A GUITAR CAN BE USED FOR MULTIPLE GUITAR AMPLIFIERS)



Image: A diagram illustrating two scenarios for multi-channel use: Scenario 1 shows multiple guitars (1st, 2nd, 3rd, 4th groups) each with a transmitter/receiver pair connected to separate amplifiers, demonstrating 10 channels for more

devices without interference. Scenario 2 shows one guitar with a transmitter connected to multiple receivers, each feeding into a separate amplifier, demonstrating one transmitter supporting 100+ receivers.

## MAINTENANCE AND CARE

- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the wireless system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Moisture:** Do not expose the units to water or excessive humidity.
- **Handle with Care:** Avoid dropping or subjecting the units to strong impacts, as this can damage internal components.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or intermittent signal	Units not paired; Out of range; Interference; Low battery; Incorrect connection.	Ensure both units are powered on and within 164ft (50m) range. Power cycle both units to re-pair. Switch to a different channel. Charge units fully. Verify correct connection to instrument and amplifier.
Static or humming noise	Interference from other wireless devices; Faulty cable/connection; Ground loop.	Switch to a different channel on both units. Ensure all connections are secure. Try a different amplifier or power outlet. Ensure amplifier is turned on after the wireless system.
Short battery life	Battery not fully charged; Battery degradation over time.	Ensure units are fully charged before use. If battery life significantly decreases over time, consider contacting customer support for potential replacement options.
Loud 'POP' sound when connecting/disconnecting	Improper power-on/off sequence.	Always turn on your amplifier <i>after</i> the wireless system. Always turn off your amplifier <i>before</i> turning off the wireless system.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Morza/va490
Item Weight	0.21 Kilograms (7.4 ounces)
Product Dimensions (L x W x H)	3.57 x 1.57 x 1.14 inches
Power Source	Battery Powered, Corded Electric
Battery Type	2 Lithium Polymer batteries (included)

Feature	Specification
Material	Plastic
Signal-to-Noise Ratio	85 dB
Number of Channels	100
Frequency Response	30-16KHz (20 KHz listed as max)
Audio Sensitivity	90 dB
Connectivity Technology	Wireless (UHF)
Connector Type	6.35 mm Jack
Special Features	Rechargeable, USB, Wireless, 220° Rotatable Plug
Compatible Devices	Electric Guitar, Bass, Violin, Ukulele
Color	Black
UPC	611517042775

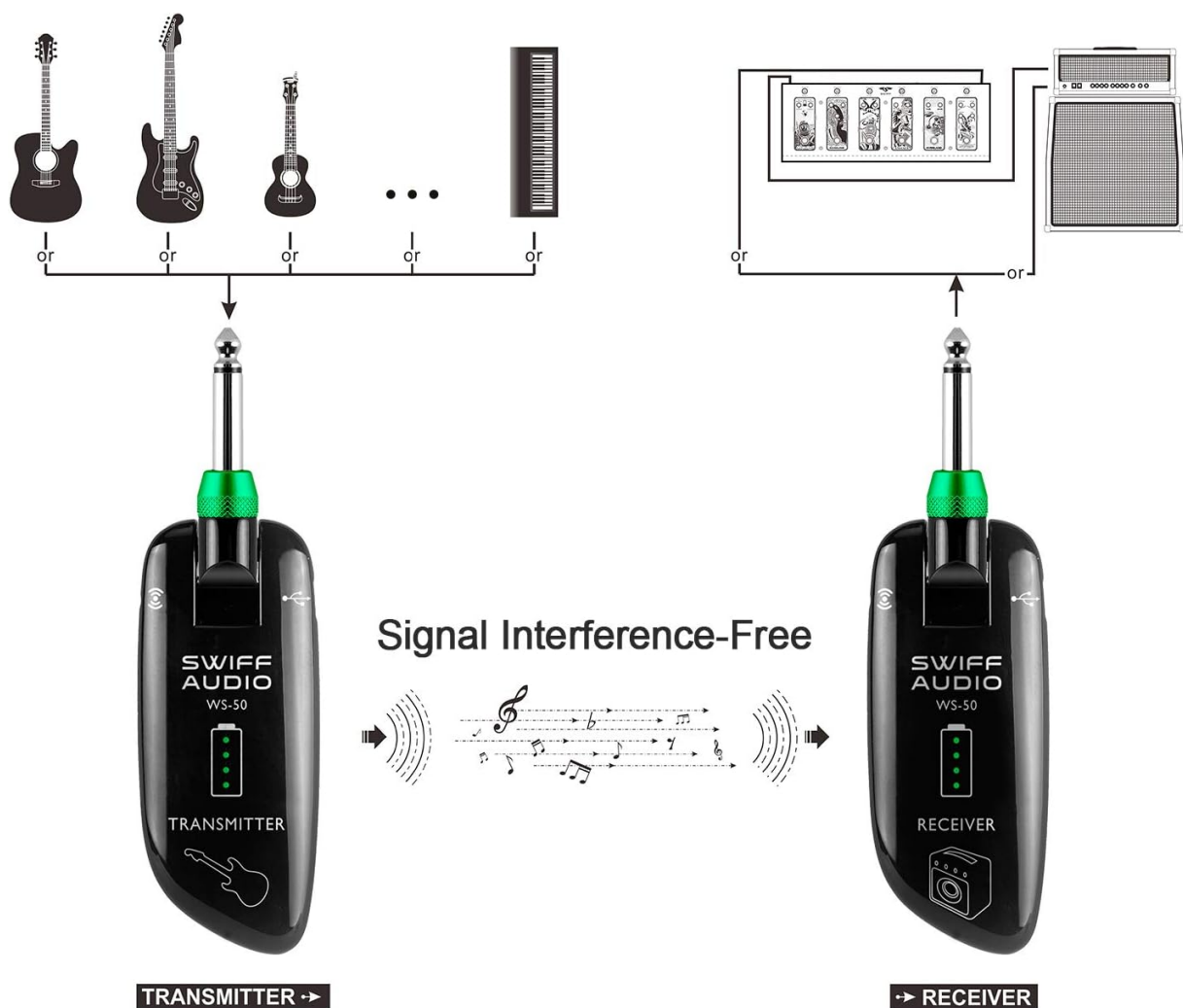


Image: A comparison table highlighting key specifications of the SWIFF WS-50 wireless system against other similar products. It shows the SWIFF system has a wireless distance of 164 feet, 10 channels, 5 hours battery life, less than 2ms latency, and a battery indicator, outperforming 'Others' in these categories.

## **WARRANTY AND SUPPORT INFORMATION**

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SWIFF AUDIO is committed to providing quality musical instruments and accessories. For specific warranty details, technical support, or service inquiries regarding your SWIFF High-Grade Electronic Guitar Wireless System, please refer to the warranty card included in your product packaging or contact the manufacturer directly through their official website or the retailer from whom you purchased the product. No official seller videos were found for embedding in this manual.

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