



WIRELESS TRANSCIVER SET
WT09a Electric

USER MANUAL



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Safety Information



Important Warnings

- Do not expose the product to fire, heaters, stoves, or other high-temperature sources to prevent battery explosion or device damage.
- This product contains a built-in non-replaceable lithium-polymer battery. Do not disassemble, puncture, crush, or subject the product to impact.
- Do not attempt to open, modify, or repair the device yourself. Doing so may cause electric shock, fire, or permanent damage.
- If the product emits unusual odor, overheats, deforms, or leaks, stop using it immediately and disconnect all connections.
- Keep the product out of reach of children unless under adult supervision.



Cautions

- Do not operate or store the device outside the specified temperature and humidity ranges.
- Keep the device away from strong magnetic fields or electromagnetic interference sources such as large speakers or welding equipment.
- Prevent liquids from entering the device. Do not use or charge the device in rain or high humidity environments.
- Clean the product surface with a soft, dry cloth. Do not use alcohol, thinner, or other chemical solvents.
- Use a certified USB-C power adapter and ensure that the output is 5V/1A or within the rated specifications.



Operating Environment

- Operating Temperature: -20°C to 45°C
- Operating Humidity: 20%RH to 80%RH (non-condensing)
- Storage Temperature: -5°C to 35°C 1 year
- Use the product in a well-ventilated environment and avoid covering or blocking any heat dissipation areas.



Battery Warning

This device contains a built-in lithium-ion polymer battery.

WARNING:

Risk of fire or burns if the battery is mishandled. Do not disassemble, heat above 45°C, or incinerate. Dispose of batteries properly according to local regulations.

- The device uses a built-in lithium-polymer battery that is not user-replaceable.
- If the device will not be used for an extended period, charge the battery every 3 months to maintain its health.
- Do not dispose of the battery in fire, microwave ovens, or pressure vessels.
- If battery leakage occurs, avoid skin or eye contact with the electrolyte. Rinse thoroughly with clean water and seek medical assistance if contact occurs.



RF Exposure & Wireless Safety

- This device complies with international RF exposure limits (FCC / CE / ICNIRP).
- Do not use the device near medical equipment such as pacemakers or in areas where wireless transmission is restricted.
- Turn off the device during aircraft takeoff/landing or when instructed by airline personnel.
- Maintain appropriate distance between the device and your body to meet RF exposure requirements.



Children's Safety

- The product contains small parts that may pose a choking hazard. Keep away from children under 3 years old.
- Children should be instructed by adults on proper use and safety rules.
- Do not allow children to disassemble or misuse the device.



Usage Restrictions

- Do not operate the device in hazardous environments such as flammable gas or explosive dust areas.
- This product is not intended for life-support systems, emergency medical equipment, or other high-risk applications.
- Follow local radio regulations; do not use the device in restricted areas.



Product Overview



Purpose-Built for Passive Pickups

Designed specifically for electric guitars, basses, and instruments equipped with passive pickups, ensuring optimal signal integrity and full-frequency response.

High-Impedance Input Stage

Captures the complete tonal character and dynamic nuance of your playing, preserving clarity, detail, and expressive articulation.

Ultra-Low Latency Digital Architecture

Next-generation wireless processing achieves <4ms latency, delivering an immediate and natural playing feel suitable for studio tracking and live performances.

Long-Range, Stable Wireless Connectivity

Reliable transmission with an operating range of up to 100 ft (line-of-sight), engineered for stability even on larger stages.

Premium Low-Noise Digital Audio Circuit

Advanced noise-optimized design ensures a clean, quiet foundation with minimal hiss, ideal for high-gain tones and professional monitoring environments.

Compact & Highly Integrated Design

Ultra-small form factor that fits effortlessly onto any instrument without adding weight or affecting playability.

RGB Indicator System (LQI + Audio Level)

A multicolor RGB ring displays real-time wireless link quality (LQI) and input audio level, allowing musicians to visually monitor performance status.



Package Contents



WT09A-E-TX (Transmitter) × 1



WT09A-E-RX (Receiver) × 1



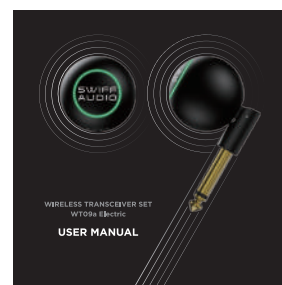
Magnetic Storage Box × 1



Wrist strap × 1



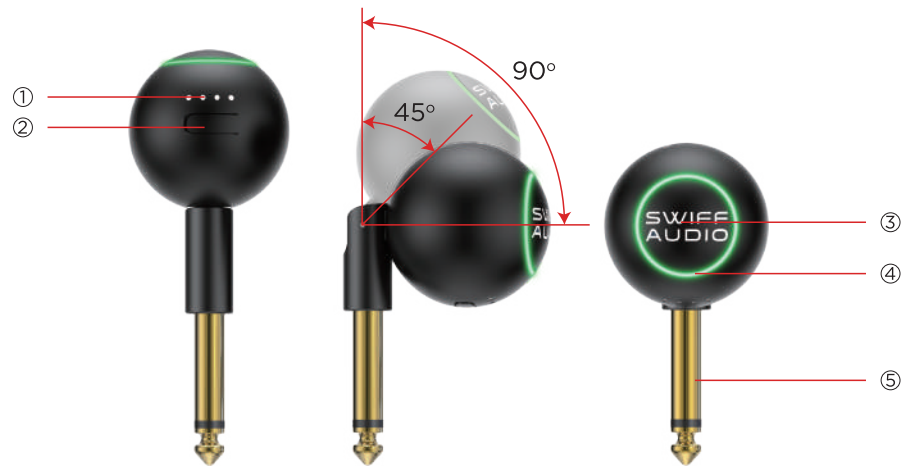
USB-C Charging Cable × 1



User Manual × 2



Product Diagram



- ① Battery LED Indicator
- ② USB-C Charging Port
- ③ Button
- ④ RGB Ring Indicator
- ⑤ 6.35 mm (1/4") TS Plug



Controls & Operation

1. Device On / Off



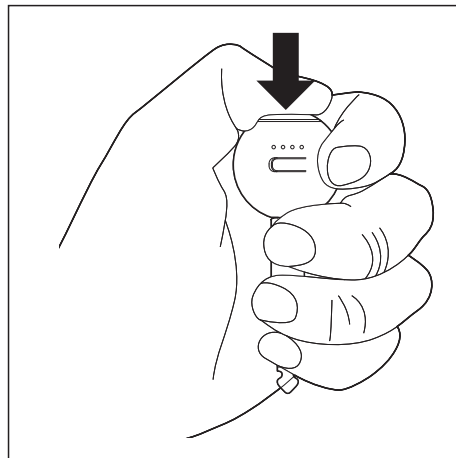
Power on: When both the transmitter and receiver are turned off, press and hold the button for 2 seconds. The RGB ring indicator will display green colors, indicating that the device has powered on successfully.

Power off: When both the transmitter and receiver are operating, press and hold the button for 7 seconds. The RGB ring indicator will turn off, indicating that the device has powered off successfully.



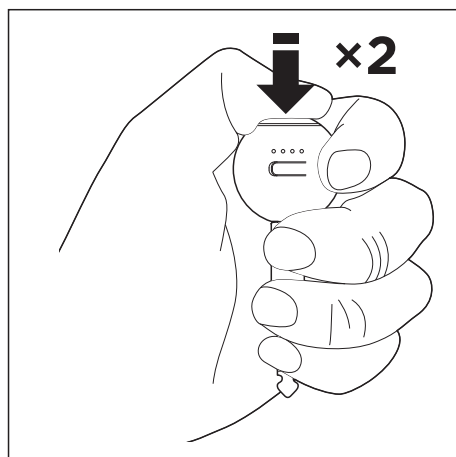
2. Check Battery Battery Level

After the device is powered on, press the button once, and the four LED indicators will display the current battery level. The LEDs will turn off automatically after 10 seconds, or you can press the button again to turn them off manually.



3. Pairing

After double-Pressing the button to enter pairing mode, the device automatically scans the current wireless environment and intelligently selects the best channel for connection. The RGB ring indicator will display rainbow colors at this time.



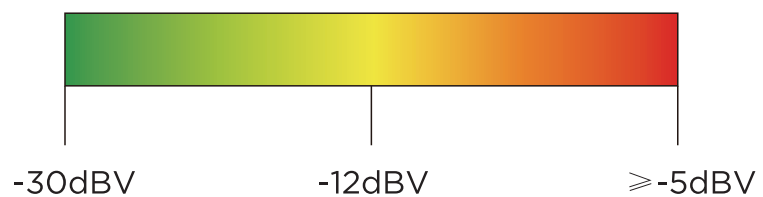


4. RGB Ring Indicator

WT09A-E-TX (Transmitter)



Audio Level Indicator (Transmitter Signal Level)



The transmitter features a dynamic Audio Level Indicator that displays real-time input signal strength using a linear color transition from green to red.

Green (around -30 dBV)

Indicates a clean, healthy signal level with sufficient headroom.
Recommended operating range for optimal audio quality.

Yellow (around -12 dBV)

Indicates increasing signal strength approaching the upper limit.
Suitable for most performance dynamics.

Red (around -5 dBV)

Indicates that the signal is close to clipping or distortion.
Reduce instrument output or playing intensity to prevent overload.

The color transition provides an intuitive reference for musicians to monitor their input level and maintain clean, distortion-free audio during performance.



WT09A-E-RX (Receiver)



Green

Powered on



Flashing Green

No connection



Solid gradient from green to red

Link quality indicator



Rainbow Color

Pairing mode

LQI Indicator (Receiver Link Quality Indicator)



$\geq 90\%$	$< 90\%$	$< 80\%$	$< 60\%$	$< 30\%$
	$> 80\%$	$> 60\%$	$> 30\%$	

The receiver includes a five-level LQI (Link Quality Indicator) that displays the wireless link status using a color scale from green to red. The indicator helps musicians quickly assess signal stability and identify potential interference or distance-related issues.

Color Levels & Indicators

Green — Excellent ($\geq 90\%$)

Strong and stable wireless link. Optimal performance.

Yellow-Green — Good ($< 90\%$ and $> 80\%$)

Reliable connection with very good signal quality.

Yellow — Fair ($< 80\%$ and $> 60\%$)

Usable link quality; minor interference or obstacles may be present.

Orange — Weak ($< 60\%$ and $> 30\%$)

Link quality is deteriorating.

Reduce distance, improve line-of-sight, or avoid interference sources.

Red — Poor ($< 30\%$)

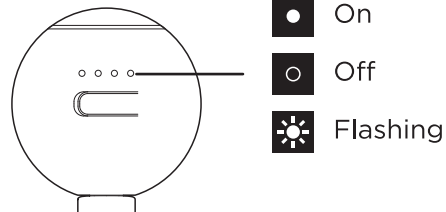
Link quality is low and may cause audio dropouts.

Indicates the need to move closer or eliminate interference.



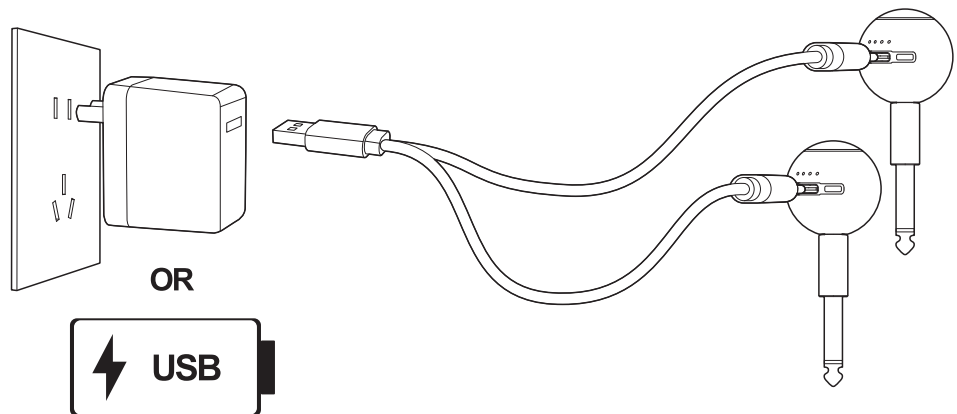
5. Battery LED Indicator

Discharge Status Indicator



● ● ● ●	75-100%
● ● ● ○	50-74%
● ● ○ ○	25-49%
● ○ ○ ○	1-24%
⚡ ○ ○ ○	The battery will be depleted after 10 minutes.
○ ○ ○ ○	Battery Depleted.

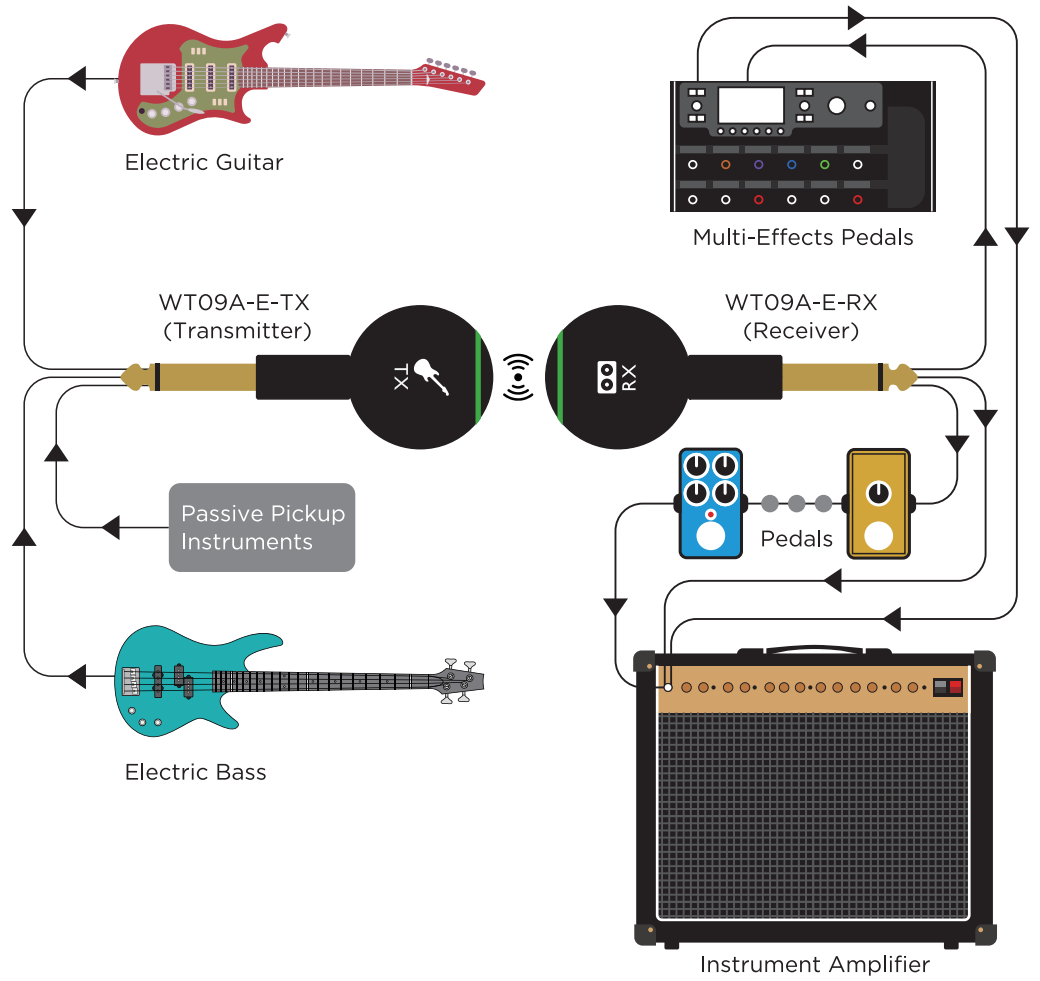
Charging Status Indicator



⚡ ○ ○ ○	0% ~ 24%
● ⚡ ○ ○	25% ~ 49%
● ● ⚡ ○	50% ~ 74%
● ● ● ⚡	75% ~ 99%
● ● ● ●	100%



6. Connect Instrument





7. Recommended Settings for Optimal Sound Quality

To achieve the cleanest, most accurate tone when using the WT09a Electric, follow these guidelines:

1. Set Instrument Volume to Maximum

- Keep your guitar or bass volume control at or near maximum.
- This ensures a strong input signal, improves SNR, and minimizes noise.

2. Avoid Input Clipping

Monitor the Audio Level Indicator on the transmitter:

- Keep the signal within the green-to-yellow range.
- Avoid solid red, which indicates input audio signal peak clip ping (around -5 dBV).
- If clipping occurs, slightly lower the instrument output level.

3. Maintain Clear Line-of-Sight

For the most stable wireless transmission and lowest latency:

- Keep the transmitter and receiver within direct line-of-sight.
- Avoid blocking the signal with the player's body or metal objects.

4. Reduce Interference Sources

Place the receiver away from:

- Wi-Fi routers
- Bluetooth devices
- LED lighting controllers
- High-Power 2.4 GHz wireless equipment
- Moving the receiver even 30–50 cm away from these sources significantly improves LQI.

5. Use High-Quality Amplifiers or Effects

The WT09a Electric preserves the full dynamics of passive pickups.

To maximize fidelity:

- Connect to a clean amp input or high-quality interface.
- Avoid unnecessary gain staging that may reintroduce noise.

6. Allow Device to Reach Room Temperature

- Extreme cold or heat may temporarily affect wireless stability or battery performance.
- Allow the device to adjust to indoor room temperature before critical use.



8. Typical Application Scenarios

1. Home Practice / Bedroom Setup

Ideal for daily rehearsal or recording ideas:

- Directly plug the transmitter into your guitar or bass.
- Keep the receiver within 3–5 meters for optimal stability.
- Use clean amp settings or headphone amps for late-night practice.

Benefit: *No cables, no clutter, instant freedom of movement.*

2. Classroom / Teaching Environment

WT09a Electric is well suited for music teachers, students, and group lessons:

- Allows the instructor to move freely while demonstrating techniques.
- Maintains stable signal in typical classroom size (3–8 meters).
- Supports clear tone for students to hear subtle playing details.

Benefit: *Enhanced mobility and consistent sound quality in educational spaces.*

3. Small Clubs / Worship Stages

For small venues or church environments:

- Position the receiver where line-of-sight is clear.
- Perform a quick pre-service test to verify channel stability.
- Avoid placing the receiver behind metal racks, speakers, or pedalboard power supplies.

Benefit: *Reliable wireless operation with natural, expressive tone.*

4. Outdoor Use (Short-Range Applications)

Outdoor environments may reduce wireless range due to reflections and open-air conditions.

To optimize performance:

- Keep operating distance within recommended range.
- Perform a brief test before performing.
- Avoid crowded RF environments and choose less congested channels.

Benefit: *Stable performance outdoors when used within range and properly tested.*

5. Recording / Home Studio

WT09a Electric's low-noise and high-impedance design makes it suitable for tracking:

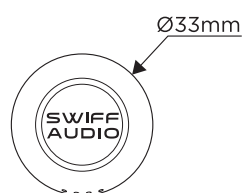
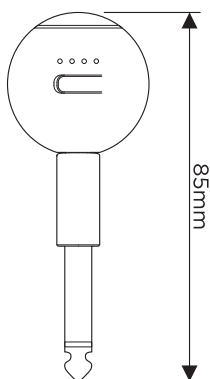
- Connect the receiver directly to audio interfaces or DI inputs.
- Maintain green/yellow levels on the Audio Level Indicator for clean recording.
- Ensure the room has minimal RF interference.

Benefit: *Studio-grade clarity without sacrificing wireless convenience.*



Technical Specifications

Product Dimensions



Wireless Transceiver Set

Item	Specification
Model	WT09a Electric
Frequency Band	2.400 - 2.4835 GHz
RF Output Power	17 dBm E.I.R.P. max
Frequency Response	20 Hz - 20 kHz (-3dB)
Sensitivity	< -81 dBm
Total Harmonic Distortion	< 0.04 %
Latency	< 4 ms
Channels	6
Transmission Range	Up to 30m (100 ft)line-of-sight
Storage Case Dimensions	Approx. 127×40×37mm
Weight (with Storage Case)	Approx. 76 g
Charging Port	USB Type-C
Input Voltage	5V $\overline{\text{=}}$ 1A
Charging Time	Approx. 2 hours
Operating Time	Approx. 4 hours



Transmitter (TX)

Parameter	Specification
Part Number	WT09A-E-TX
Audio Input	6.35 mm (1/4") TS Plug
Nominal Input	-10 dBu
Input Impedance	1 M Ω
Dimensions	Approx. 85×33×33mm
Weight	Approx. 24 g
Charging Port	USB Type-C
Input Voltage	5V $\pm$ 1A
Battery Type	Li-ion Polymer Battery
Nominal Voltage	3.85 V
Battery Capacity	425 mAh
Charging Time	Approx. 2 hours
Operating Time	Approx. 4 hours
Discharge temperature	-20 °C - 45 °C (-4 °F - 113 °F)

Receiver (RX)

Parameter	Specification
Part Number	WT09A-E-RX
Audio Output	6.35 mm (1/4") TS Plug
Nominal Output	-10 dBu
Output Impedance	1 K Ω
Dimensions	Approx. 85×33×33mm
Weight	Approx. 24 g
Charging Port	USB Type-C
Input Voltage	5V $\pm$ 1A
Battery Type	Li-ion Polymer Battery
Nominal Voltage	3.85 V
Battery Capacity	425 mAh
Charging Time	Approx. 2 hours
Operating Time	Approx. 5 hours
Discharge temperature	-20 °C - 45 °C (-4 °F - 113 °F)



Storage & Carrying

1. Storage Case Dimensions

The WT09a Electric is supplied with a dedicated storage case designed to protect the device during daily transport and long-term storage.



Storage Case Dimensions: Approx. 127x40x37 mm

Total Weight with Storage Case: Approx. 76g

The storage case provides basic protection against dust, minor impacts, and scratches.

It is intended for everyday carrying in a gig bag, backpack, or instrument case.

2. Proper Storage

- Always power off the device before placing it into the storage case.
- Ensure the device is dry and clean before storage. Wipe off sweat, moisture, or dust with a soft, dry cloth.
- Avoid tightly bending or stressing the plug or connectors when placing the unit into the case.
- Do not store the device with heavy objects pressing on top of the storage case to prevent deformation or mechanical damage.

For long-term storage, keep the product in a cool, dry, and well-ventilated place, away from:

- Direct sunlight
- Heaters, radiators, or other heat sources
- Strong magnetic fields or high-power electrical equipment



3. Transportation Temperature

When transporting the WT09a Electric (for example, in a car, flight case, or shipping carton), please observe the following recommended temperature range:

Recommended transport / storage temperature:

The device can be stored for up to one year at -5°C to 35°C (23°F to 95°F).

Avoid leaving the product:

Inside vehicles parked under direct sunlight for extended periods.

In environments where temperatures may exceed the specified range (e.g., unventilated warehouses, near heating equipment).

If the device has been exposed to very low or high temperatures, allow it to return to room temperature before powering on or charging, to prevent condensation and potential damage.

4. Humidity Requirements

To maintain reliability and prevent corrosion or damage to electronic components:

Recommended storage humidity:

20%RH to 80%RH, non-condensing.

Avoid storing the device:

In very damp environments (e.g., basements with visible condensation, bathrooms, or near humidifiers). In places prone to sudden temperature changes that may cause condensation inside the device.

If the product has been stored in a humid environment:

Allow it to dry in a normal indoor environment before use.

Do not attempt to accelerate drying with hair dryers, heaters, or direct hot air.



Charging Guide

This section explains how to safely charge the device, how to interpret the charging indicators, the recommended charging temperature range, and common mistakes to avoid.

1. Proper Charging Method

The device comes with a USB-A to dual USB-C charging cable, allowing both the transmitter and receiver to be charged simultaneously from a single USB-A port.

To charge the device:

- Use the included USB-A to dual USB-C cable and connect the USB-A end to a 5V/1A (or device-rated) power adapter or USB port.
- Connect each USB-C plug to the transmitter and receiver respectively.
- Ensure each unit is powered off before charging for best efficiency.
- Insert the USB-C connectors gently—do not force or bend the plugs.
- Place the units on a dry, stable, and well-ventilated surface while charging.
- A typical full charge takes approximately 2h.

Note: Do not use damaged cables or uncertified fast-charging adapters that exceed standard 5V output.

2. Charging Status Indicators

Please refer to page 13 for details.

Tip: The two units may reach full charge at slightly different times; this is normal.

3. Recommended Charging Temperature Range

Recommended Charging Temperature:

0°C to +35°C (32°F to 95°F)

Avoid charging the device:

- Below -20°C (-4°F) or above 45°C (113°F)
- In direct sunlight or inside a parked car
- Near heaters, radiators, or other high-temperature sources



If the device becomes unusually warm:

- Unplug the charging cable immediately
- Allow the unit to cool naturally in a shaded, ventilated area
- Do not cover the device while charging

If exposed to extreme temperatures, allow the device to return to room temperature before charging.

4. Common Misconceptions & Mistakes

1. “Charging overnight is always best.” — Not necessarily.

The device includes protection circuits, but keeping a lithium battery at 100% for very long periods may shorten long-term capacity.

2. “I can use the device while charging.” — Not recommended.

Although possible, doing so may:

- Increase heat
- Reduce charging efficiency
- Affect long-term battery lifespan

Best practice: *charge when not in use.*

3. “It’s fine to store the device empty.” — Incorrect.

Storing at 0% for long periods may cause deep discharge.

Before long-term storage:

- Charge to 50%-70%
- Recharge briefly every 3 months

4. “Any USB port is safe.” — Not always.

Low-quality or unstable USB ports may:

- Interrupt charging
- Cause slow charging
- Cause indicator LEDs to flicker
- Use stable, certified USB power sources when possible.



Troubleshooting & FAQs

Troubleshooting



No Signal

Possible Causes

- The transmitter and receiver are not paired.
- The instrument output is too weak or not connected properly.
- The transmitter or receiver is powered off.
- The wireless channel is heavily congested or interfered.



Solutions

- Ensure both the transmitter and receiver are powered on.
- Re-pair the units by following the pairing procedure.
- Check the instrument cable or 6.35 mm plug to ensure a tight connection.
- Try re-pairing the transmitter and receiver. During the pairing process, the system automatically scans the wireless environment and selects the optimal channel.
- Move the transmitter and receiver within closer line-of-sight range.
- Avoid placing the device near Wi-Fi routers, Bluetooth devices, or high-power wireless equipment.



Noise / Unwanted Hiss

Possible Causes

- Passive pickups are picking up environmental interference.
- Strong RF interference from nearby wireless devices.
- Audio input signal is too low.
- Device is operating near high-gain amplifiers.



Solutions

- Move away from sources like mobile phones, LED lighting, routers, and dimmers.
- Switch to a less congested wireless channel.
- Ensure the instrument volume is turned up to provide a cleaner input signal.
- Reduce amplifier gain or try a different amp input.
- Check if the RGB indicator displays abnormal Audio Level spikes.



Intermittent Connection

Possible Causes

- Distance between transmitter and receiver is too far.
- Signal is blocked by walls, metal structures, pedals, or the player's body.
- Low battery on either unit.
- The outdoor environment reduces effective range.



Solutions

- Move closer to the receiver.
- Maintain line-of-sight whenever possible.
- Avoid placing the receiver behind metal objects or inside dense pedalboard setups.
- Recharge both units fully.
- If outdoors, perform a quick test before performance and relocate away from interference sources.



Abnormal Latency

Possible Causes

- Excessive wireless interference.
- Weak signal due to obstacles or long distance.
- The device is not fully paired or the link quality is unstable.



Solutions

- Move the transmitter and receiver closer together.
- Avoid standing directly between them (human body can absorb RF).
- Select a different channel with lower congestion.
- Check the LQI (Link Quality Indicator) via the RGB ring.



Unable to Power On

Possible Causes

- Battery is completely drained.
- Charging cable or adapter is faulty.
- USB-C port has dust or poor contact.
- Device entered protection mode due to extreme temperature.



Solutions

- Charge the device for at least 10–15 minutes and try again.
- Use a certified 5V/1A USB-C charger.
- Inspect and clean the USB-C port if needed.
- Allow the device to return to room temperature before powering on.



Unable to Charge

Possible Causes

- Non-compliant charger or cable.
- USB-C port is damaged or obstructed.
- Battery protection circuit activated.



Solutions

- Use a known-good USB-C cable and a 5V 1A charger.
- Ensure correct insertion of the charging cable.
- Try a different power source or adapter.



Frequently Asked Questions (FAQ)

Q1 *Is the WT09a Electric compatible with active pickups?*

A *It is optimized for passive pickups. Active pickups may work, but performance can vary depending on output level.*

Q2 *Can I use it outdoors?*

A *Yes, but outdoor environments may reduce transmission range. Always test the setup beforehand and avoid interference sources.*

Q3 *What is the typical wireless range?*

A *Up to 30 M (100 ft) in ideal line-of-sight indoor conditions. Outdoors or in congested areas, the effective range may decrease.*

Q4 *Will it affect my tone?*

A *No. The high-impedance input and low-noise digital architecture preserve the natural tone of passive pickups.*

Q5 *Can I use multiple wireless systems at the same time?*

A *Yes, but each must operate on different wireless channels to avoid interference.*

Q6 *How long does the battery last?*

A *Up to 4 hours of continuous operation, depending on volume level and wireless environment.*

Q7 *How do I check link quality?*

A *The RGB indicator ring displays real-time LQI. Poor link quality will show lower levels or color changes depending on your indicator mode.*

Q8 *Can it be used while charging?*

A *For safety and optimal battery health, this is not recommended.*



Maintenance

1. Daily Cleaning

- Use a soft, dry, and lint-free cloth to clean the exterior of the device.
- If needed, slightly dampen the cloth with clean water. Wring it out thoroughly before wiping.
- Do not use alcohol, thinner, benzene, or other chemical solvents, as these may damage the surface finish or printed markings.
- Avoid allowing moisture, sweat, or cleaning fluid to enter any connectors, buttons, or openings.
- After each performance or practice session, it is recommended to wipe off sweat, dust, and fingerprints to keep the device in good condition.

2. Storage Recommendations

- When not in use, power off the device and disconnect it from the instrument or any other equipment.
- Store the unit in its supplied storage case or a clean, dry protective pouch to prevent scratches and dust accumulation.
- Keep the device in a cool, dry place away from direct sunlight, heat sources, and high humidity.
- Avoid leaving the device inside a closed car, near heaters, or in other environments where temperatures may exceed the specified storage range.
- Do not place heavy objects on top of the device or its storage case to avoid mechanical damage.

3. Battery Care

- The device contains a built-in lithium-polymer battery that is not user-replaceable.
- For best performance and battery lifespan, try not to leave the battery fully discharged for extended periods.
- If the device will not be used for more than 3 months, charge it to approximately 50–70% and store it in a cool, dry place.
- It is recommended to recharge the device at least once every 3 months during long-term storage to maintain battery health.
- Do not charge the device in extremely high or low temperatures. Always follow the specified charging temperature range in the technical specifications.
- If you notice significant reduction in operating time even after a full charge, the battery may be reaching the end of its useful life.



4. Service Life Recommendations

The product is designed for long-term use under normal operating conditions. Actual service life may vary depending on frequency of use, operating environment, and maintenance.

To maximize service life:

- Avoid repeated drops, impacts, or bending of the plug and connectors.
- Follow the recommended operating temperature and humidity ranges.
- Use only compatible instruments and audio equipment as described in this manual.
- Adhere to the charging and battery care guidelines above.
- If the device shows persistent malfunctions, unusual noise, swelling, or severe mechanical damage, discontinue use and contact your dealer or authorized service center for inspection.



Warranty Information

1. Warranty Coverage

- The product is covered by a limited warranty against defects in materials and workmanship under normal use conditions.
- During the warranty period, SWIFF AUDIO or its authorized service partners will, at their discretion, repair or replace the product or defective parts free of charge.
- Any repaired or replaced product or part is warranted for the remainder of the original warranty period or for an additional period as required by local law.

2. Exclusions from Warranty

This warranty does not cover:

- Damage caused by misuse, abuse, negligence, or improper operation (including use outside the specifications of this manual).
- Damage resulting from unauthorized disassembly, modification, or attempted repair by non-authorized personnel.
- Damage due to accidents, dropping, impact, liquid ingress, corrosion, or exposure to extreme temperatures or humidity.
- Cosmetic damage such as scratches, dents, or wear that does not affect basic functionality.
- Damage or malfunction caused by the use of non-compliant accessories, power adapters, or cables.
- Normal wear and tear, including natural reduction of battery capacity over time.
- Any product whose serial number or label has been altered, defaced, or removed.
- Local consumer rights and statutory warranties may apply in addition to the above and are not affected by this limited warranty.



3. Warranty Period

- Unless otherwise specified by local law or on the purchase invoice, the standard warranty period is 12 months from the original date of purchase.
- Please keep your purchase receipt or invoice as proof of purchase; it may be required when requesting warranty service.
- In some regions, extended warranty options may be available through authorized dealers or distributors.

4. Contact Information

For warranty service or technical support, please contact:

Manufacturer / Brand: swiff technology co., ltd.

Website: www.swiffaudio.com

Customer Service Email: Support@swiffaudio.com

Local Distributor / Dealer:

Please contact the dealer or distributor from whom you purchased the product for region-specific support and service procedures.

5. Service Procedure

Before requesting service, please carefully read the Troubleshooting section of this manual to see if the issue can be resolved without repair.

If the problem persists, contact your dealer, local distributor, or the manufacturer with:

- Product model and serial number.
- A detailed description of the issue and how it occurs.
- Proof of purchase (invoice or receipt).
- You may be asked to ship the product to an authorized service center.
Please pack the product securely to prevent damage during transport.
- Depending on local regulations and your dealer's policy, shipping costs to the service center may or may not be covered under warranty. Please consult your dealer for details.



Regulatory & Compliance

1. United States (FCC)

FCC ID: 2ARWY-WT09a

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference; and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Interference Statement

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

If this equipment does cause interference, try the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit.
- Consult the dealer or a qualified technician.

FCC Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits. Use in accordance with instructions to maintain compliance.



2. European Union (CE)

This product complies with the essential requirements and other relevant provisions of the applicable European directives and standards, including but not limited to:

Radio Equipment Directive (RED) 2014/53/EU

EMC: EN 301 489 series

Radio: EN 300 328

Safety: EN 62368-1

RoHS: Restriction of Hazardous Substances

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

A Declaration of Conformity (DoC) has been issued for this product. The full text of the EU Declaration of Conformity is available at:

[Official Website URL or QR Code]

Products bearing the CE mark comply with the applicable EU legislation. The CE marking on the product shall have a minimum height of 5 mm and must remain clearly visible, legible, and indelible throughout the product's expected lifetime under normal conditions of use.

Hazardous Substance Content Table

Part Name	Pb	Hg	Cd	Cr ⁶⁺	PBB	PBDE	DEHP / BBP / DBP / DIBP
PCB Assembly	o	o	o	o	o	o	o
Metal Parts	o	o	o	o	o	o	o
Plastic Parts	o	o	o	o	o	o	o
Cables & Connectors	o	o	o	o	o	o	o
Others	o	o	o	o	o	o	o
Legend o: Indicates that the hazardous substance content is below the limit specified in EU RoHS Directive. x: Indicates that the hazardous substance content exceeds the limit (only under EU-approved exemptions).							



3. United Kingdom (UKCA)

This product complies with the applicable UK regulations and has been assessed to meet relevant safety, EMC, and radio requirements.

Products bearing the UKCA mark indicate conformity with UK legislation. The UKCA marking should have a minimum height of 5 mm and remain visible and legible when the product is placed on the market in Great Britain.

The UK Declaration of Conformity is available upon request from [Brand Name] or via:
[UK Website / www.swiffaudio.com]

4. Battery Labeling Information

This product contains a built-in lithium-polymer battery. Battery markings and symbols may include:

- Battery chemistry and type (e.g., Li-ion / Li-polymer)
- Nominal voltage (V) and capacity (mAh or Wh)
- Appropriate safety and recycling symbols

In some regions (such as the EU), batteries must not be disposed of with household waste. Users should follow local regulations for battery and electronic waste disposal and recycling.



California Proposition 65 Warning
WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov



FR
Cet appareil
se recycle





Legal Notices

1. Copyright Notice

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2. Trademark Notice

SwiffAudio, along with associated logos, product names, and brand elements, are trademarks or registered trademarks of Swiff Technology Co., Ltd.

All other trademarks, product names, and company names mentioned in this manual are the property of their respective owners and are used solely for identification purposes. Such use does not imply endorsement or affiliation.

3. Disassembly, Modification, and Service Disclaimer

This device contains no user-serviceable parts.

Opening the enclosure, tampering with the electronics, or altering the firmware is strictly prohibited.

Modification is not permitted.

Any attempt to modify hardware, antennas, circuitry, enclosure structure, firmware, or software may:

- Cause malfunction, overheating, or fire
- Result in permanent device damage
- Void the warranty
- Violate FCC/CE/UKCA/SRRC or other international regulatory approvals
- Compromise wireless certification and legal operating requirements



For inspection, repair, or service, please contact an authorized Swiff service provider or the distributor from whom the product was purchased.

4. Software / Firmware Update Statement

This device may contain embedded software or firmware necessary for its operation.

Swiff Technology Co., Ltd. may periodically release firmware updates to improve performance, stability, or add new features.

Only use official firmware and update tools provided or authorized by SWIFF AUDIO.

Installing unofficial, altered, or incompatible firmware may:

- Cause malfunction or instability
- Reduce performance
- Compromise device safety
- Void the warranty
- Violate regional regulatory compliance laws

For the latest updates, manuals, and support documentation, please visit:
www.swiffaudio.com

Manufacturer Information

SWIFF Technology Co., Ltd.

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Shenzhen 518054, China

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Made in China