



NILES®



## INSTALLATION GUIDE



### WIRELESS TRANSMITTER SYSTEM

**SW-R      SW-T**

## **EUROPE—EU DECLARATION OF CONFORMITY AND RESTRICTIONS**

Hereby, Niles Audio declare that this equipment complies with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This equipment is marked with the symbol  and can be used throughout the European community. Marking by the symbol  indicates that usage restrictions apply.

In France, this product is restricted from Outdoor use.



## FCC STATEMENT

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 and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

## FCC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters away from your body.

This equipment 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.*

### Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

## IC STATEMENT

This device complies with Industry Canada RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio RSS-210. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device meets the criteria of RSS-102, Section 2.5 for Exemption from Routine Evaluation Limits for SAR and RF Exposure. Users can obtain further information from the Industry Canada web site at [www.ic.gc.ca](http://www.ic.gc.ca).

The above French translation needs to be replaced to match the replacement text above.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This equipment should be installed and operated a minimum distance of 20 centimeters away from your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

The above French translation needs to be updated to match corrections above.

## CONGRATULATIONS!

Thank you for purchasing the Niles **SW-T/SW-R** wireless transmitter system from Niles. With proper installation and operation, you'll enjoy years of trouble-free use.

Niles Audio manufactures the A/V industry's most complete line of custom integration components and accessories for audio/video home theater and multi-room audio systems. To see the complete Niles product range, visit us at: [www.nilesaudio.com](http://www.nilesaudio.com)

## FEATURES AND BENEFITS

**Advanced 2.4 GHz frequency hopping technology** – Makes setting up a wireless connection hassle-free in even the most demanding environments

**One SW-T transmitter can be used with up to 4 SW-R receivers simultaneously** – Allows the flexibility of easily expanding the bass in a room by adding additional subwoofers wirelessly

**Wireless Range – up to 48 feet (15 m)** – Allows flexibility to place your subwoofers where the room aesthetics demand and to re-arrange whenever you want to

**Easy connection to Niles SW6.5 and SW8 subwoofers** – The single connection for both signal and power makes an installation quick and easy

**Convenient one-button pairing** – Allows an installer to set up a reliable wireless connection quickly and easily

**Gold-plated RCA Connectors** – For a high quality connection that is built to last

**Best in class adjacent channel rejection** – Guarantees you the pure signal required for reliable audio performance

**Uncompressed wireless digital audio** – The digital, error-correcting signals assure you that the subwoofer receives 100% of its audio signal, all day, and every day

## PARTS- LIST

The Niles SW-T and SW-R are designed to be used with the Niles SW6.5 and SW8 compact powered wireless ready subwoofers.

### SW-T Contents

- SW-T, 2.4GHz Transmitter
- 5v International Power Supply
- 2m Stereo RCA Cable
- Instruction Manual
- Warranty Card

### SW-R Contents

- SW-R, 2.4 GHz Receiver
- Subwoofer Connection Cable
- Mounting Screws (2)
- Instruction Manual
- Warranty Card



## INSTALLATION

The SW-T/SW-R advanced wireless system is designed to provide you with maximum flexibility in locating your subwoofer(s) around any room. With a range of up to 48' (15m), your options for locating your subwoofer where you need it to be are wide open.

The wireless transmitter and receiver have integrated RF antennas. The SW-T should generally be placed as high as possible and away from other RF sources or large metal objects that might reduce its operating range.

**Step One:** Connect the SW-T to your surround sound receiver (or other audio source). The SW-T features line-level stereo inputs. You can connect a left/right audio signal to these inputs or connect your receiver's LFE (Low Frequency Effects) output to the SW-T input labeled "L/LFE".

**Step Two:** Connect the power supply to the SW-T's power connector (labeled "5V") and plug the other end into an electrical outlet.

**Step Three:** Mount the SW-R Receiver to your Niles SW6.5 or SW8 subwoofer.

*When mounting the SW-R Receiver to your subwoofer, orient the SW-R so that the 4-pin cable connector is on the top left side of the subwoofer. This assures proper orientation of the internal antenna to provide maximum range.*

Use the included mounting screws to attach the SW-R to the rear of the Niles subwoofer. The rear panel of compatible subwoofers is marked with an outline showing the proper mounting location and has threaded inserts for the mounting screws. Insert the 4-pin cable into the connector on the side of the SW-R Receiver so that the cable leads downward towards the floor.

Connect the SW-R's power/data cable to the port labeled "Wireless Port" your Niles SW6.5 or SW8 subwoofer. The SW-R will receive its power directly from the Niles subwoofer, eliminating the need for a separate power cable for the wireless receiver. Additionally, the same 4-pin DIN cable will also supply the audio signals that the subwoofer requires.

Apply power to the Niles subwoofer and turn the unit on in order to supply power to the SW-R receiver.

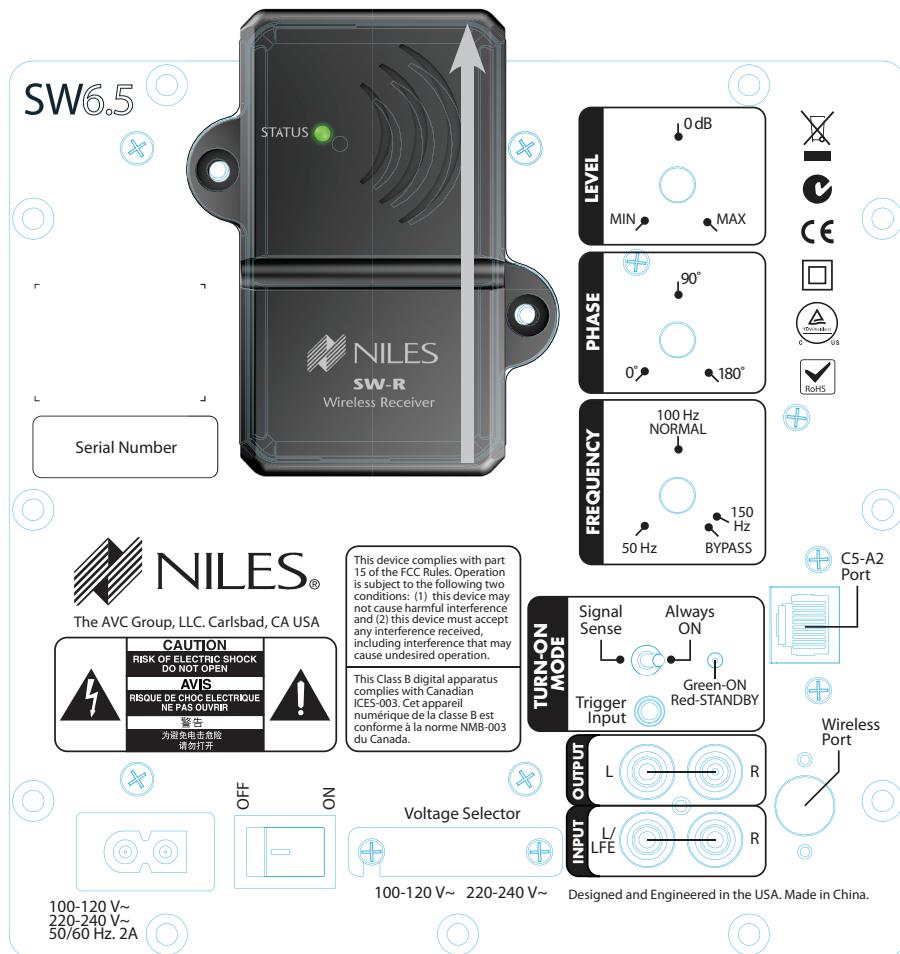
**Step Four (Pairing):** Each SW-R Receiver must be paired with its SW-T transmitter. This pairing only needs to be performed once. Up to 4 SW-R receivers can be paired to a single SW-T transmitter. If more than four SW-R receivers are paired, the 5th SW-R will replace the 1st SW-R that was paired and so on, keeping a limit of 4 paired devices at any one time.

**To pair an SW-R to an SW-T:** Press the pairing button on the SW-T. The status light will begin to blink. Within 10 seconds, press the pairing button on the SW-R. Its status light will also begin to blink. Both devices should pair automatically and their status lights will stay lit when paired.

The pairing process is now complete and you are ready to begin using your wireless subwoofer. The subwoofer can now be re-located anywhere within the room provided that it stays within 48 feet of the SW-T. Keep in mind that RF conditions will vary depending on many sources, so the actual range you experience may be less than 48 feet.

## PROPER ORIENTATION OF WIRELESS RECEIVER (SW-R)

For better performance and signal strength, place receiver with the led facing towards the top of the cabinet, or in other words, be sure the Niles Logo is upright and readable.





BY PHONE (IN USA)

**1-800-BUY-HIFI (289-4434)**

BY PHONE (OUTSIDE USA)

**1-760-710-0992**

CUSTOMER SERVICE HOURS

**8:00 AM to 5:30 PM PT**

TECHNICAL SUPPORT HOURS

**6:00 AM to 4:00 PM PT**

ON THE WEB

**[www.nilesaudio.com](http://www.nilesaudio.com)**

EMAIL TECHNICAL SUPPORT

**[techsupport@nilesaudio.com](mailto:techsupport@nilesaudio.com)**

EMAIL FOR PRODUCT SUGGESTIONS

**[productsuggestions@nilesaudio.com](mailto:productsuggestions@nilesaudio.com)**



BLENDING HIGH FIDELITY AND ARCHITECTURE®

1969 Kellogg Ave, Carlsbad CA 92008

1-800-BUY-HIFI - [www.nilesaudio.com](http://www.nilesaudio.com)

©2012 The AVC Group, LLC. All rights reserved. Niles, the Niles logos and  
Blending High Fidelity and Architecture are registered trademarks of The AVC Group, LLC.  
All other trademarks are the property of their respective owners. 9901216 Rev F