



# Subwoofer Collection

## 5.8G Wireless kit



WSK200

Installation Manual  
WSK200

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## Introduction

Thank you for purchasing WSK200, Wireless Subwoofer Kit. At Origin Acoustics, we take pride in providing you with a high quality product. This instruction booklet covers the necessary information for a smooth installation, including: the tools you will need, step-by-step instructions for installation, troubleshooting tips for any errors that may occur, and all warranty information. If for any reason you experience problems or if you have installation questions please call us at (844) 674-4461. Hours of operation are 8:00am to 5:00pm (Pacific Time), Monday through Friday.

**\*All product information is subject to change. Please refer to [www.originacoustics.com](http://www.originacoustics.com) for the latest information.**

### 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

### RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

# Specifications

## Receiver

Operating Voltage: DC 5V / 0.5A

RF Frequency Band: 5725MHz - 5820 MHz

Modulation: GFSK

Working Distant: 40 Meters / light of sight

Transmitter Power: less than 10 dBm

Receiver Sensitivity: N/A

Frequency Response: 20-20K Hz

Delay Time: less than 16mS

THD+N(dB): -60 dB @1 KHz

SNR(dB): +85 dB @1 KHz

Dimensions: 2 3/8" dia x 3/4" thick (60mm x 18mm)

## Transmitter

Operating Voltage: DC 5V / 0.5A

RF Frequency Band: 5725MHz - 5820 MHz

Modulation: GFSK

Working Distant: 40 Meters / light of sight

Transmitter Power: less than 10 dBm

Receiver Sensitivity: -81 dBm

Frequency Response: 20-20K Hz

Delay Time: less than 16mS

THD+N(dB): -60 dB @1 KHz

SNR(dB): +85 dB @1 KHz

Dimensions: 2 3/8" dia x 3/4" thick (60mm x 18mm)

**\*All product information is subject to change. Please refer to [www.originacoustics.com](http://www.originacoustics.com) for the latest information.**

## What's Included

1 x Wireless Audio Adaptor Kit Transmitter

1 x Wireless Audio Adaptor Kit Receiver

2 x 3.5 mm to dual RCA Interconnect cable (1m)

2 x USB A to Micro B Power Cables (1.5m)

2 x 5V DC Power Supplies with USB A Connectors

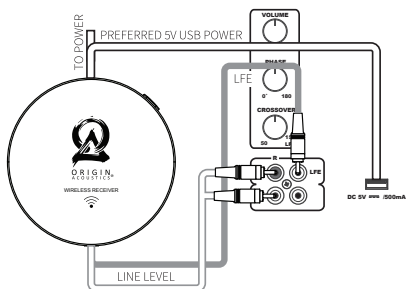
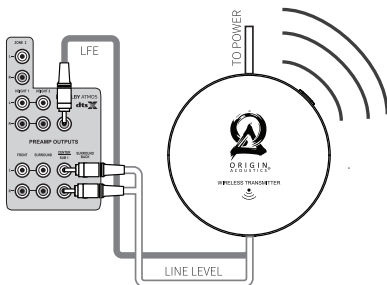
## What You Will Need

Powered Subwoofer

AV receiver, surround processor, or 2-channel pre-amp with a subwoofer pre-out, or L/R line level pre-out

## General Placement and Setup Tips

- Place the subwoofer, powered speakers or amplifier at its intended location.
- Try to maintain line-of-sight (no walls or solid barriers) between the transmitter and receiver for best results.
- Receiver should be within 65 feet of transmitter for best results.
- Avoid placing the transmitter next to devices that could create signal interference, such as 5.8 GHz wireless phones, baby monitors and Wi-Fi routers.



## Connecting the Wireless Transmitter to an AV processor

1. Connect the 3.5 mm to dual RCA adapter cable to the subwoofer pre-out or LFE channel of the AV processor and to the input on the wireless transmitter. Use only one RCA cable channel (e.g. Red). The other RCA connector is unused in this case.
2. Connect the USB A to Micro B cable to the wireless transmitter and the 5V DC power supply.
3. Connect the 5V DC power supply to a 120V AC outlet.

## Connecting the Wireless Transmitter to a 2-channel stereo pre-amp

1. Connect the 3.5 mm to dual RCA adapter cable to the L/R line level pre-outs of the 2-channel stereo pre-amp and to the input on the wireless transmitter.
2. Connect the USB A to Micro B cable to the wireless transmitter and the 5V DC power supply.
3. Connect the 5V DC power supply to a 120V AC outlet.

## Connecting the Wireless Receiver to your Subwoofer

1. For AV processor applications, connect the 3.5 mm to dual RCA adapter cable to the LFE input and the input on the wireless receiver. Use only one RCA cable channel (e.g. Red). The other RCA connector is unused in this case.
2. For 2-channel stereo pre-amp applications connect the 3.5 mm to dual RCA adapter cable to both the L and R subwoofer inputs and to the input on the wireless receiver.
3. Connect the USB A to Micro B cable to the wireless receiver and the 5V DC USB port located on the rear subwoofer amp panel (or alternatively, connect the 5V DC power supply to a 120V AC outlet).

## Pairing the Transmitter and Receiver

1. The transmitter and receiver are synched at the time of manufacture and will pair automatically when connected and powered on.
2. Successful pairing will be indicated by a steady blue light on the transmitter and receiver.
3. A flashing light indicates the units are not paired. To re-pair the units, perform the following actions:
4. Press and hold the small button on one unit (it doesn't matter which one you select) until the blue light starts blinking.
5. Immediately walk over to the other unit and press/hold the small button until the blue light starts blinking.
6. Both will blink a few times then turn solid blue when they are successfully paired.

## Technical Assistance

If you have any questions or concerns about installing or using this product, you can reach us through one of the following methods:

Phone: (844) 674-4461

Hours of operation: 8:00am - 5:00pm (Pacific Time), Mon - Fri

Email: [techsupport@originacoustics.com](mailto:techsupport@originacoustics.com)

If you are having technical trouble, please include the model number and briefly explain what steps you took to resolve the problem in your email, or be prepared to answer these questions over the phone. If you are considering returning the product, it's required that you contact Origin Acoustics prior to any return attempts. This way we can determine if the issue can be resolved without returning the product, or if needed we can provide instructions and support for the return process.

## 2 Year Limited Warranty

Origin Acoustics warrants to the original retail purchaser only that this Origin Acoustics product will be free from defects in materials and workmanship, provided the speaker was purchased from an Origin Acoustics authorized dealer.

If the product is determined to be defective, it will be repaired or replaced at Origin Acoustics' discretion. If the product must be replaced yet it is no longer manufactured, it will be replaced with a model of equal to or greater value that is the most similar to the original. If this is the case, installing the replacement model may require mounting modifications; Origin Acoustics will not be responsible for any such related costs.

**\*All warranties and warranty conditions are subject to change. Please refer to [www.originacoustics.com](http://www.originacoustics.com) for the latest information.**

## Requirements & Warranty Coverage

This warranty may not be valid if the product was purchased through an unauthorized dealer. This warranty only applies to the individual that made the original purchase, and it cannot be applied to other purchases. The purchaser must be prepared to provide proof of purchase (receipt). This warranty will not be valid if the identifying number or serial number has been removed, defaced, or altered.

## Not Covered by Warranty

- Accidental damage
- Damage caused by abuse or misuse
- Damage caused by attempted repairs/modifications by anyone other than Origin Acoustics or an authorized dealer
- Damage caused by improper installation
- Normal wear, maintenance, and environmental issues
- Damage caused by voltage inputs in excess of the rated maximum of the unit
- Damage inflicted during the return shipment

## Return Process

Before making any return attempts, it is required that you first contact Origin Acoustics. Return product to Origin Acoustics or your dealer, either in person or by mail. It's preferable if the product is returned in the original packaging. If this isn't possible, the customer is responsible for insuring the shipment for the full value of the product.

This warranty is in lieu of all other expressed or implied warranties. Some states do not allow limitations on implied warranties, so this may not apply depending on the customer's location. (For more information, see Magnuson-Moss Warranty Act.)



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