

# OAW4 Wireless Audio System



## Instruction Manual

### Limited Warranty

This warranty protects the owner of the Outlaw Audio Wireless OAW4-Tx and OAW4-Rx (the PRODUCT) for two (2) years from the date of purchase.

This warranty covers all defects in material and workmanship with the following specific exceptions. These are:

- Damage caused by improper installation or adjustment
- Damage caused by accident, unreasonable use, neglect, or acts of God
- Damage from failure to follow instructions contained in this Instruction Manual
- Damage occurring during shipment
- Damage from the performance of repairs by someone other than Outlaw Audio
- Units which have been altered or modified in design, appearance or construction.

This warranty covers only the actual defects within the PRODUCT itself. IT DOES NOT cover costs of installation in (or removal from) a fixed installation, or normal setup, claims based on any misrepresentation by the seller, or performance variations resulting from installation related circumstances such as signal quality, AC power or incompatibilities with speakers and/or other system components.

During the warranty period, Outlaw Audio will, at its option, either repair the defect, or replace the defective product, or the defective parts, or components thereof at no charge to the owner for parts and labor covered by this warranty if necessary repairs are not covered by this warranty, or if a unit is examined which is not in need of repair, you will be charged for the repairs and/or the examination. If non-warranted repairs are needed, we will notify you of the estimated cost and ask for your authorization to perform said repairs.

You must pay shipping charges incurred in getting your Product to the factory. We will pay the return shipping charges if the repairs are covered by the warranty. Please save the original shipping cartons, as the unit MUST be returned in the original carton and packing.

If your product needs service, please call Outlaw Audio at (866) 688-5297.

You will need to present the original bill of sale to establish the date of purchase. In the event that the proof of purchase cannot be established with the original receipt, the warranty period shall be determined by the earliest date of manufacture shown on the unit.

In the event that you wish to return your Outlaw Audio Product back to us, for any reason, please call to arrange for a Return Authorization Number. This will ensure that your problem is discussed with a service technician who will determine if there is a quick solution to your problem.

Outlaw Audio shall not be liable for, in any way responsible for, any incidental or consequential damages of any kind. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion of incidental or consequential damages; therefore, the limitations and exclusions stated herein may not apply to you. This warranty gives you specific legal rights; and you may also have other rights that vary from state to state.

THERE ARE NO WARRANTIES GIVEN BY OUTLAW AUDIO THAT EXTEND BEYOND THE DESCRIPTION GIVEN HEREIN. ANY IMPLIED WARRANTIES OF FITNESS FOR PURPOSE SOLD, MERCHANTABILITY, DESCRIPTION, QUALITY OR ANY OTHER MATTERS ARE LIMITED TO THE TERMS OF THE EXPRESSED LIMITED WARRANTY STATED HEREIN.

Products are sold on the basis of specifications applicable at the time of sales. Outlaw Audio shall have no obligation to modify products once they have been sold. This warranty is applicable only in the United States.



(866) OUTLAWS [www.outlawaudio.com](http://www.outlawaudio.com)

### Safety Precautions



**CAUTION:** To reduce the risk of electric shock, do not remove the cover (or back). No user serviceable parts inside. Refer to qualified personnel.

**WARNING:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. This device generates a fair amount of heat. Make sure nothing blocks the ventilation to the rear panel of the unit.



The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating maintenance (servicing) instructions in the literature accompanying the appliance.

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Specifications are those in effect at the time of printing. Outlaw Audio, LLC. reserves the right to change specifications or designs at any time without notice without obligation to modify existing units.

### FCC Compliance

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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:

- 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.

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

### Safety Instructions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified services personnel. Servicing

is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the apparatus to its normal operation.
- Damage Requiring Service  
Unplug the apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions: When the power-supply cord or plug is damaged; If liquid has been spilled, or objects have fallen into the apparatus; If the apparatus has been exposed to rain or water; If the apparatus does not operate normally by following

the operating instructions; If the apparatus has been dropped or damaged in any way, and; When the apparatus exhibits a distinct change in performance this indicates a need for service.

- Object and Liquid Entry  
Never push objects of any kind into the apparatus through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus. Don't put candles or other burning objects on top of this unit.
- This device has no power switch. To disconnect this device from power supply, the power cord must be disconnected.
- The power supply and power cord for this apparatus is intended for indoor use only.
- Only use the included A/C adaptor

### OAW4 Wireless Audio System

Congratulations on the purchase of an Outlaw Audio OAW4 Wireless Audio System. Never before has it been so easy to distribute audio from one location in your home or business to another than it is right now.

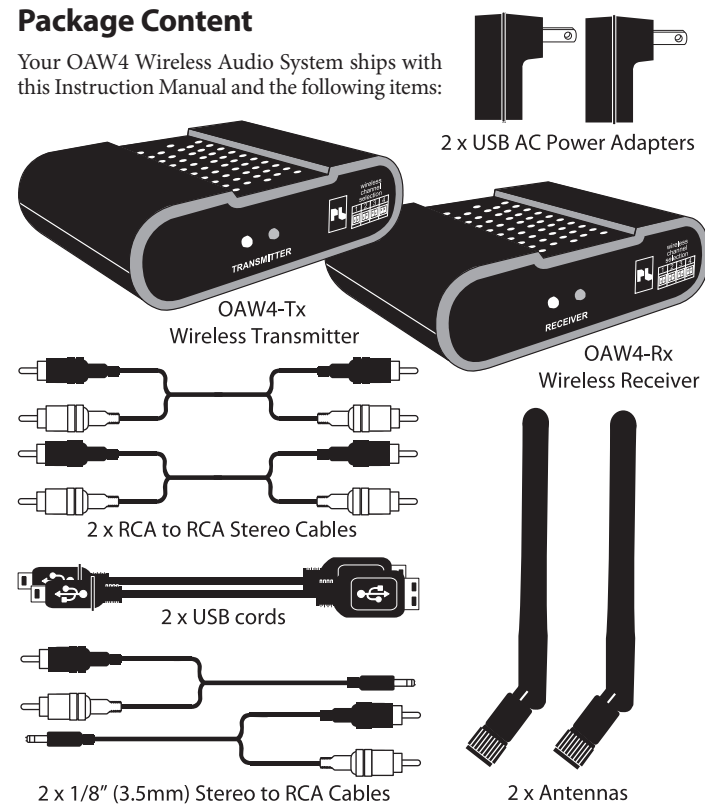
In this document, we will walk you through the installation of the OAW4 system and a few of the configurations that are possible with this high performance wireless audio distribution system.

### Specifications

- Wireless 10Hz to 20kHz sound
- Robust and dedicated network for your audio
- Easy setup, get wireless music in seconds
- External Antenna
- Range; Line of sight: 130-150'
- Range; obstructed: 70'
- No interference or delays
- Flexible multi-zone functionality
- RF band: 2.4GHz
- Four Channels
- SNR 93dB
- Improved separation between channels
- Run multiple Transmitters without interference

### Package Content

Your OAW4 Wireless Audio System ships with this Instruction Manual and the following items:



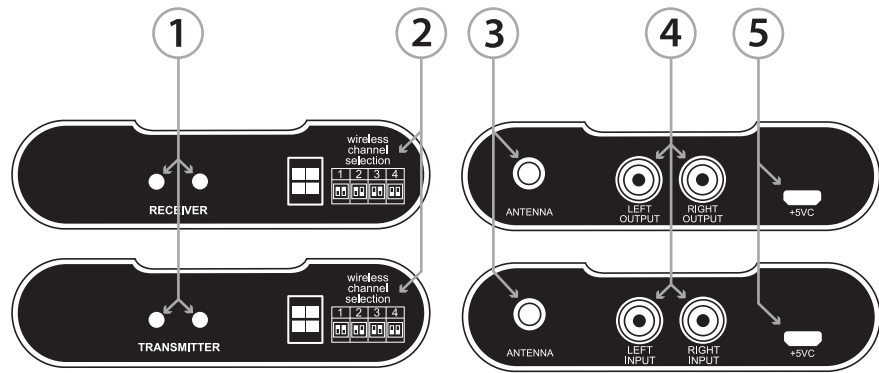
**NOTE:** Please contact Customer Service if any of these items are missing.

### Troubleshooting Guide

Once your devices are set up, you should have many years of maintenance free enjoyment from your system. However, if you should encounter a problem, refer to the following guide to help you find the solution. If a problem persists, please contact Outlaw Audio.

Problem	Solutions
OAW4-Tx and/or OAW4-Rx are connected but the Power Status LED does not light up.	a. Make sure both transmitter and receiver are connected to a power supply b. Switch to supplied USB AC Adapter
No Wireless Connection (OAW4-Tx and OAW4-Rx Power LEDs are "Red" and the Status LED(s) is flashing blue every two seconds)	a. Make sure your OAW4-Tx and OAW4-Rx are both set to the same "Zone" b. OAW4-Rx may be out of range. Try moving the receiver closer
OAW4-Tx and OAW4-Rx are connected, but no audio occurs	a. Ensure that your source components are functioning properly b. Ensure that the audio levels are configured for audible output (volume at source and/or destination may be muted or turned too low)

## Connections and Configurations



### 1 Status LED

There are two LEDs on each OAW4 transmitter and receiver. A red power indicator and a blue status indicator. The Red LED will remain lit as long as the unit is on. The blue LED will either flash or remain constant. If the blue LEDs are flashing every two seconds, the transmitter and receiver are not paired. If the blue LED is constant the unit has successfully paired with the receiver or transmitter.

### 2 Zone Switch

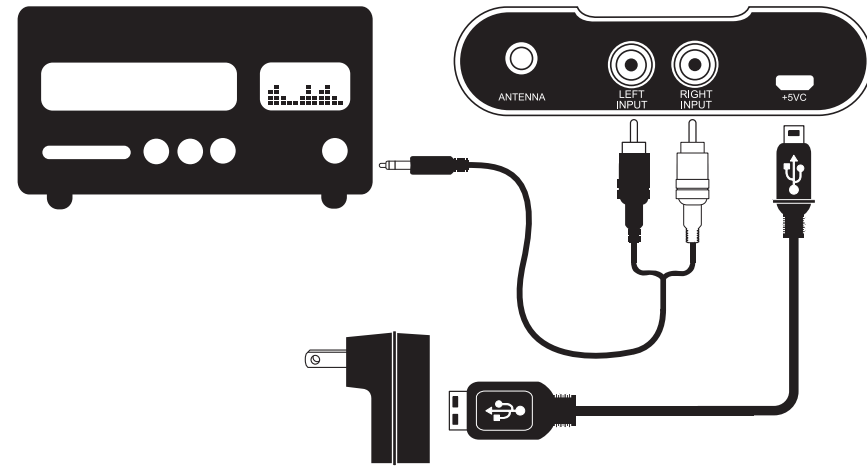
The OAW4 features four different selectable channels. Be sure to set both the transmitter and receiver to the same channel.

### 3 Antenna connection

### 4 Analog input/output connection

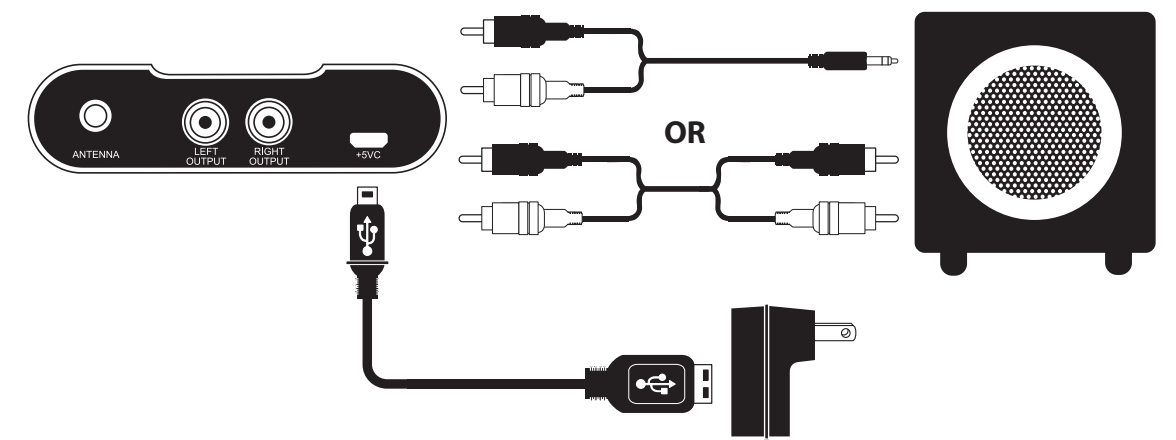
### 5 Micro USB power port

## Part 1: Connecting the OAW4-Tx Transmitter



1. Connect the OAW4-Tx transmitter using the supplied power supply and micro-USB cable. The front LED should turn a steady red and the blue LED will blink on and off.
2. Choose the appropriate cable to connect the OAW4-Tx to your chosen source. Most computers and phones will use the 1/8" (3.5mm) connector. Receivers and other sources may use the standard RCA cable.
3. Select the channel you want to use. Consult the front panel of the OAW4-Tx for more information on selecting the channel.

## Part 2: Connecting the OAW4-Rx Receiver



1. Connect the OAW4-Rx Receiver using the supplied power supply and micro-USB cable. The front LED should turn a steady red and the blue LED will blink on and off.
2. Choose the appropriate cable to connect the OAW4-Rx to your chosen component. If you are connecting a mono signal, be sure to use the same input and output. For example, if you connect an AV receiver's LFE out to the R input on the wireless transmitter, connect your subwoofer to the R output on the wireless receiver.
3. Select the same channel you set the OAW4-Tx transmitter to. Consult the front panel of the OAW4-Rx for more information on selecting the channel.
4. The blue LED should switch to a steady blue when the receiver and transmitter are paired.