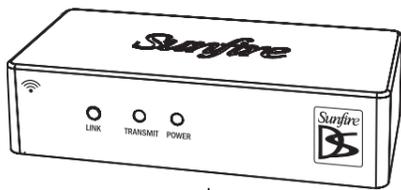
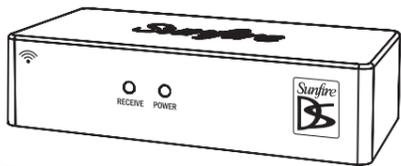


Sunfire®



Universal Subwoofer Wireless Receiver and Transmitter

SDSWiTX and SDSWiRX

Quick Start Guide



The lightning flash with arrowhead symbol 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 electric shock to persons.



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



Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Only use attachments/accessories specified by Sunfire.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service 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.

FCC and IC Information

This equipment complies with Part 15 of FCC RF Rules. 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.

This Device complies with RSS-210 of the IC Rules. Operation is subject to the following two conditions:

1. This device may not cause interference and
2. This device must accept any interference received, including interference that may cause undesired operation.

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

FCC and IC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the exemption from the routine evaluation limits in section 2.5 of RSS 102.

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

Warning: The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102, and users can obtain Canadian information on RF exposure and compliance by contacting Sunfire (The AVC Group), 790-710-0990.

To find out more about this and other Sunfire products, please visit our website: www.sunfire.com

Introduction

Thank you for purchasing a Sunfire Dynamic Series Subwoofer Wireless system. This universal wireless system allows any powered subwoofer to be connected to an audio system without the need to run cables to the subwoofer, provided the audio system has a subwoofer or LFE output available.

The SDSWiTX transmitter receives the line-level subwoofer/LFE signal from the system's preamplifier or receiver. It then wirelessly transmits the subwoofer audio signal to the SDSWiRX receiver which is connected to the subwoofer.

Note: While wireless technology is a reliable and simple way to connect a subwoofer to a system, other wireless devices near-by, such as telephones, may have an effect on the functionality of this system. If the transmitter and receiver do not function correctly, it may be required to move either the transmitter or receiver slightly until the operation is consistent and reliable.

Contents

- One SDSWiTX Transmitter or
- One SDSWiRX Receiver
- One detachable AC/DC power adapter
- One RCA audio cable

Unpacking

Your Sunfire product should reach you in good condition. If you do notice any shipping damage, please contact your Sunfire Dealer immediately.

Remove the unit and all accessories. Save all the packing materials and the box in case your unit ever needs to be moved or shipped.

Please keep your sales receipt. It is the only way to establish the duration of your Limited Warranty.

Care

To clean the unit, first unplug the AC power cord and then use a soft dry cloth to clean the surfaces.

Specifications

Wireless Band	2.4 GHz
Sampling Rate	48 kHz
Resolution	16 bit
Latency	22 ms
Indoor Range	One Tx and One Rx: 40 feet One Tx and Two Rx: 25 feet
Power Supply	5V dc, 0.5A (AC/DC adapter supplied)
Receivers	Each transmitter can control up to 2 receivers
Audio Input/Output	Line-Level RCA connector.
Dimensions L x W x H	8.1 x 5.5 x 2.6 in 206 x 140 x 66 mm
Weight	SDSWiRX 10.8 oz (305g) SDSTiRX 11.4 oz (324g)

Service

If your Sunfire product ever requires service, please write to us or call:

Sunfire,
The AVC Group
1969 Kellogg Avenue
Carlsbad, CA 92008-6582
Phone: 760-710-0990
Fax: 760-710-2013

Warranty

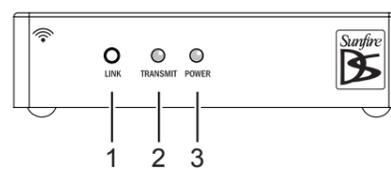
Sunfire, a division of The AVC Group LLC., is proud of its products which have been built with care using advanced technology and premium component parts. The warranty details for your product are shown on the Sunfire website www.sunfire.com

Overview/Features

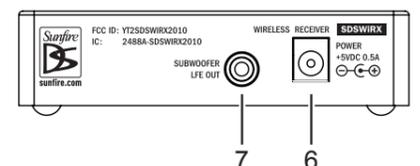
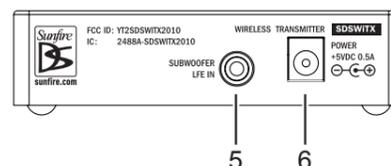
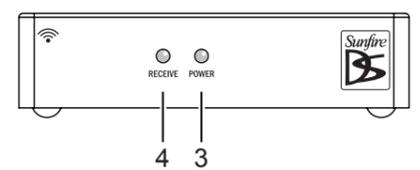
The wireless transmitter and receiver(s) must be "linked" together before they are connected to the audio system and the subwoofer. This is done by performing a "linking procedure" between the transmitter and up to two receivers. This procedure is required, and if not completed properly, your subwoofer will not receive the audio signal from your audio system. Linking the equipment together only has to be done once, unless you add a second receiver to a single receiver system at a later time. Two receivers may be linked simultaneously to avoid having to repeat the linking procedure for a second receiver later.

Note: The transmitter and receiver do not have separate power switches. They are powered on when their AC power supplies are plugged into an AC outlet near the subwoofer and then connected to the transmitter and receiver. The transmitter is powered on first, then the receiver(s), are powered on. After AC power is applied, the RCA audio cables on both the transmitter and receiver(s) are then connected.

Transmitter



Receiver



1. LINK Button

This button is only located on the transmitter. It is used in the initial set-up, to establish a link between the transmitter and one or two receivers.

2. Transmit LED

This green LED is only on the transmitter. Pushing and holding the Link button will cause this LED to begin to blink when first transmitting signals to the receiver(s). After linking is established, the LED will become solid green and remain on to indicate transmission is operating.

3. Power LED

This turns on when the supplied AC/DC adapter is connected on both the receiver and transmitter.

4. Receive LED

This LED is only on the receiver. It will begin to blink when receiving signals from the transmitter, and changes to a solid color when linking is complete.

Linking Procedure

5. Subwoofer LFE Input

This line-level RCA input is only on the transmitter. It connects to the subwoofer/LFE output of an audio system using the supplied RCA cable.

6. Power Input

Connect to the DC output of the supplied AC/DC adapter. The voltage input is +5V DC on the pin, at 0.5A.

7. Subwoofer LFE Output

This line-level RCA output is only on the receiver. It connects to the subwoofer/LFE input of a Sunfire SDS subwoofer or to any powered subwoofer with an LFE input, using the supplied RCA cable.

Note: The linking procedure is done **before** connecting the wireless transmitter and receiver to your equipment.

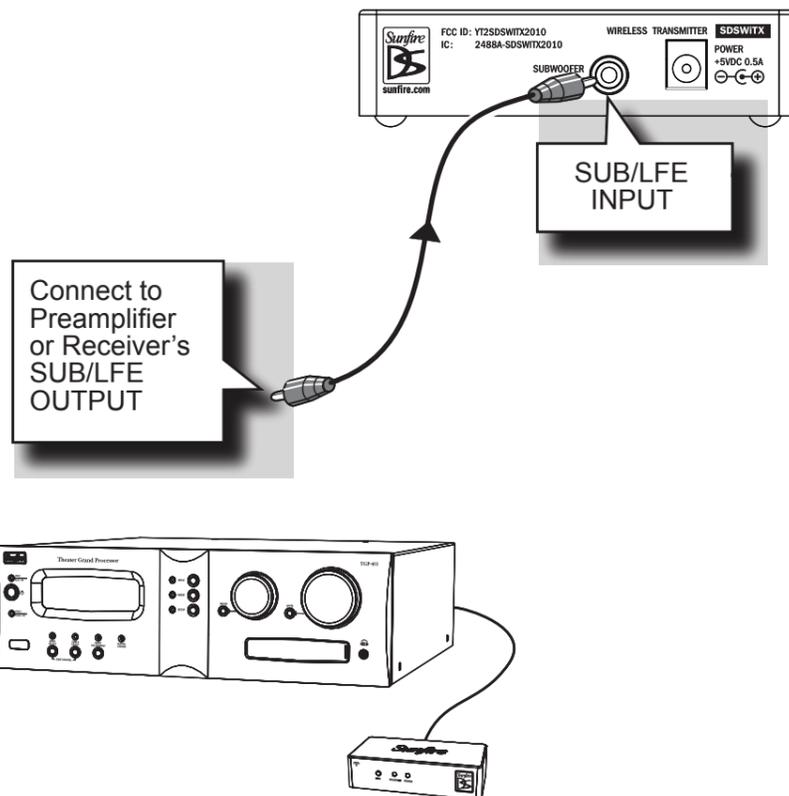
1. Be sure that the AC power and the RCA audio cables on both the wireless receiver and transmitter are unplugged.
2. Connect power to **just** the transmitter, by plugging it into a live AC outlet.
3. Press and hold the LINK button on the transmitter, until the green LED begins to blink (approximately 3 seconds).
4. Connect power to the receiver(s) within 30 seconds of the completion of step 3.
5. The green LED on the receiver(s) will begin to blink slowly until it "links" with the transmitter.
6. Once the linking sequence is complete, the green LEDs on both the transmitter and the receiver(s) will become solid green. If after approximately 60 seconds either the transmitter or receiver(s) LED continues to blink, please repeat the linking procedure starting at step 1.

continued

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Linking Procedure (continued)

7. Once linking is successful, verify that your audio components and subwoofer are powered off and connect the RCA audio cable on the transmitter to the "SUBWOOFER" or "SUB/LFE" output of your audio system.

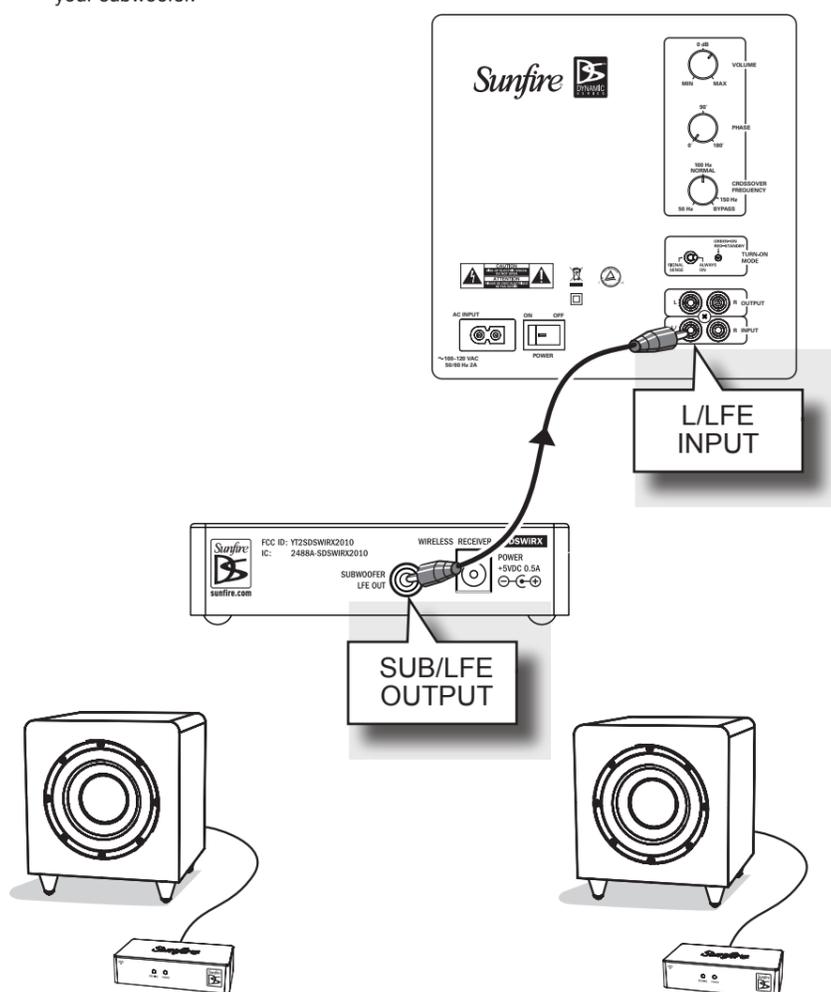


Transmitter Connection

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Linking Procedure (continued)

8. Connect the RCA audio cable on the wireless receiver to the LFE INPUT on your subwoofer.



Receiver Connection

7

Linking Procedure (continued)

9. Turn on all of your audio equipment, including the subwoofer.
10. To confirm the subwoofer is operating, temporarily adjust the controls on the subwoofer to the following: (you will adjust these settings again later to properly and permanently blend with your speakers).
 - a. Turn the output volume on your subwoofer at least half way up
 - b. Set the subwoofer Crossover adjustment to bypass (furthest clockwise setting)
 - c. Set Phase adjustment to "0"
11. Test your subwoofer by playing a CD or DVD and listening to the subwoofer to confirm audio output.
12. Once confirmed, set-up your subwoofer according to the manufacturer's instructions.
13. Set up your receiver or surround processor using the manufacturer's instructions.
14. Your system should now be fully functional and set up for years of enjoyment!

Troubleshooting

Subwoofer does not play

- Verify the subwoofer is plugged into an unswitched AC outlet and turned on.
- Check that the transmitter and receiver are plugged into an unswitched AC outlet.
- Check that the RCA connection cable between the audio system and the transmitter is secure and in good condition.
- Check that the RCA connection cable between the receiver and the subwoofer is secure and in good condition.
- Verify that both the transmitter and receiver(s) have solid green LEDs, indicating a complete link.
- Repeat the linking procedure if required.
- Check that the receiver is not further than 40 feet (one receiver system) or 25 feet (two receiver system) away from the transmitter.

SDSWITX:
FCC ID: YT2SDSWITX2010
IC: 2488A-SDSWITX2010

SDSWIRX:
FCC ID: YT2SDSWIRX2010
IC: 2488A-SDSWIRX2010

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