



# Paradigm Soundtrack 2 Soundbar with Subwoofer Owner's Manual

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# Paradigm®

Paradigm Soundtrack 2 Soundbar with Subwoofer



## SAFETY PRECAUTIONS

READ THIS SECTION CAREFULLY BEFORE PROCEEDING!

### **WARNING!**

RISK OF ELECTRIC SHOCK DO NOT OPEN

**WARNING:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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 to the presence of important operating and maintenance (Servicing) instructions in the literature accompanying the product.

- **WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE, AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.
- **CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.
- **CAUTION:** FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE THE FUSE ONLY WITH THE SAME AMPERAGE AND VOLTAGE TYPE. REFER REPLACEMENT TO QUALIFIED SERVICE

PERSONNEL.

- **WARNING:** UNIT MAY BECOME HOT. ALWAYS PROVIDE ADEQUATE VENTILATION TO ALLOW FOR COOLING. DO NOT PLACE NEAR A HEAT SOURCE, OR IN SPACES THAT CAN RESTRICT VENTILATION. WARNING!

## 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 a cloth.
7. Do not block any ventilation openings. 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. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination, to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. 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.
15. Use the mains plug to disconnect the apparatus from the mains or  
"TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.
16. "WARNING – TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK  
– DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE"
17. "DO NOT EXPOSE THIS EQUIPMENT TO DRIPPING OR SPLASHING AND ENSURE THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, ARE PLACED ON THE EQUIPMENT."
18. "THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE."

## SERIAL NUMBER

The product's serial number is located on the rear panel of both soundbar and subwoofer. In the event that you need to contact Paradigm about your system, please have the following information recorded:

- Serial Number:

- Retail Outlet or Website
- where Product was Purchased:
- Retail Outlet Phone Number:
- Purchase Date:

## ABOUT PARADIGM

In the early 1980s Paradigm was just an idea in the minds of a couple of twenty somethings who loved music. Unlike today, there was no 225,000 square-foot factory, no 36,000-cu.-ft. on-site anechoic measurement chamber, just a desire to make really good sounding speakers and sell them at a down-to-earth price. Today our speakers are sold on six continents. We've been voted #1 Speaker Brand 22 times\* and fans scour the web to buy used versions of our original speakers. That should tell you something about Paradigm quality. In our SHIFT™ Series, we've taken everything we've learned about sound and adapted it for today's wireless listening devices. For more info visit us at [paradigm.com](http://paradigm.com).

\*Rated #1 Best Price/Value. Inside Track Dealer Survey. An annual independent nationwide survey of consumer electronics specialist retailers and custom installers.

## ABOUT YOUR SOUNDTRACK™ 2 SYSTEM

Your Soundtrack 2 System™ is a high-performance design loaded with Paradigm technology. In other words, it's got loads of very cool stuff you won't find in any other soundbar/subwoofer system. For those who salivate over technical details, we've included a Tech Specs section in the back of this manual to give you the skinny on why your Soundtrack™ 2 System sounds so good!

The difference Soundtrack™ 2 System will make to your television, music and movies can't be put into words, but you'll hear it and you'll feel it. It's an experience that takes you beyond a high performance system to a place where you're absolutely lost in the experience. It's the Paradigm Difference. We guarantee you won't be able to keep that difference a secret and we hope you don't. Spread the word. Talk about your Paradigm Soundtrack™ 2 System. BRAG about it. Play it and let others listen.

We're all different and our sound should reflect that. Some of us like music, others love movies, others are gaming enthusiasts and others enjoy all of it. No matter who you are or where you live, what you like or what you do, we want to be The Official Sound of YOU™.

Read this manual and follow all instructions. If you still have questions visit the Q&A page on our website at [paradigm.com](http://paradigm.com).

## BREAK-IN

Although your system will sound great 'out of the carton' it will sound even better when broken in. Allow it to operate for several hours before you listen critically.

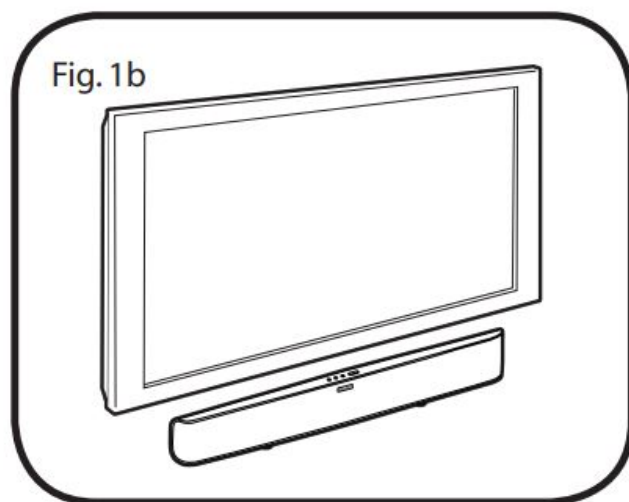
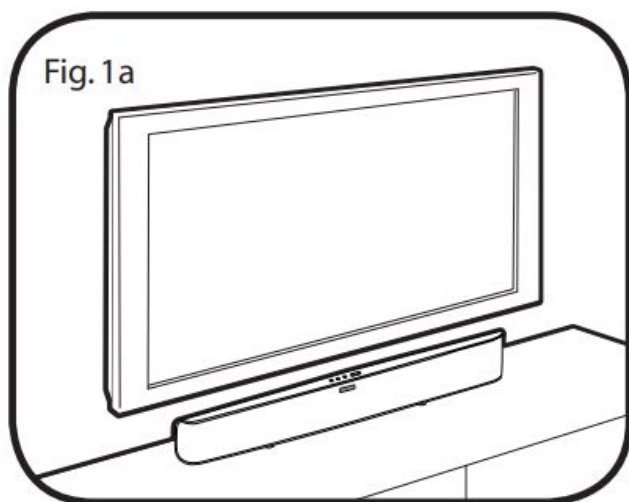
## CLEANING

Do not use strong or abrasive cleaners on your system. Gently wipe the cabinets with a damp soft cloth.

## PLACEMENT

Soundbar: On a credenza or shelf (Fig. 1a)

The soundbar must sit on a flat surface directly below your video display. Supplied stability feet must be attached. See the Setup Guide included for how to attach the feet.



**Soundbar:** On a wall (Fig. 1b)

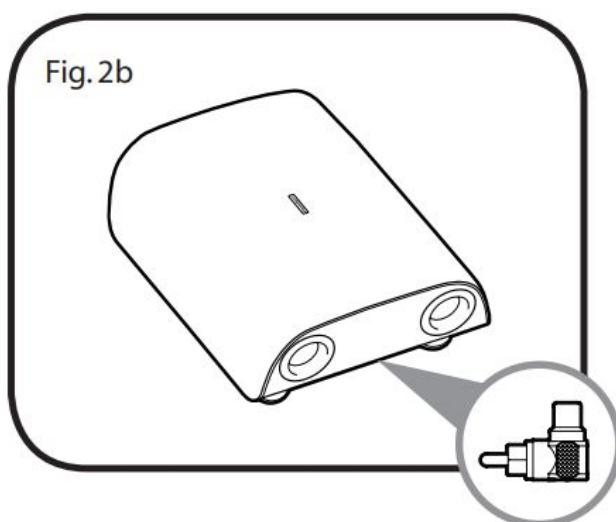
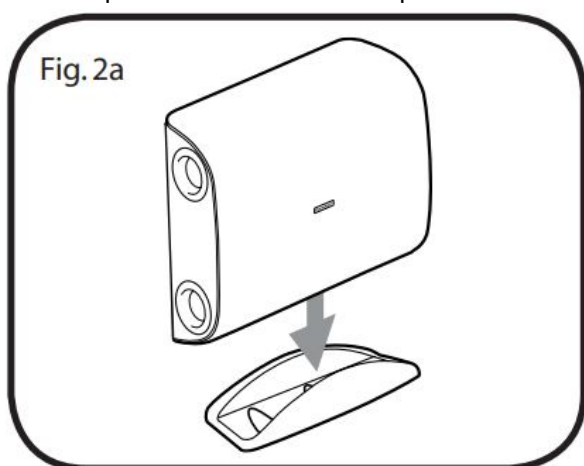
For more information, refer to the 'Wall Mounting' section.

**Subwoofer:** Positioned Vertically (Fig. 2a)

If using the subwoofer in the vertical position it must sit in the supplied cradle.

**Subwoofer:** Positioned Horizontally (Fig. 2b)

If using the subwoofer in the horizontal position the supplied feet must be attached to allow adequate clearance for heat dissipation. Refer to the Setup Guide included for how to attach feet.



**IMPORTANT! WIRED SUBWOOFER CONNECTION ONLY** When positioning the subwoofer horizontally in a wired connection, use the supplied 90° RCA adapter (Fig. 2b) to allow easier cable hookup. The adaptor is not necessary in a wireless configuration.

Paradigm does not supply screws and anchor bolts to mount your soundbar to a wall. Although we do provide limited instructions for wall mounting, you must contact a Paradigm Dealer for more information. The subwoofer is NOT designed to be wall mounted.

The instructions that follow assume the mounting surface is standard wood studs. Should you wish to mount to another type of surface you must consult a certified contractor.

### Step-by-Step Instructions for Wall-Mounting the Soundbar

#### What's Included

- 2 x Wall-Mounting Brackets.
- 1 x Wall-Mounting Template.

#### Recommended Tools (not included)

- 1 x Stud Finder.

1 x Level.  
1 x Electric drill and appropriate drill bits.  
1 x Phillips Screwdriver.

**Recommended Hardware (not included)**

4 x Wall anchors to suit mounting surface and weight of soundbar. 4 x Screws to suit mounting surface and weight of soundbar.

**IMPORTANT! Weight of soundbar:** 7.35 lb / 3.34

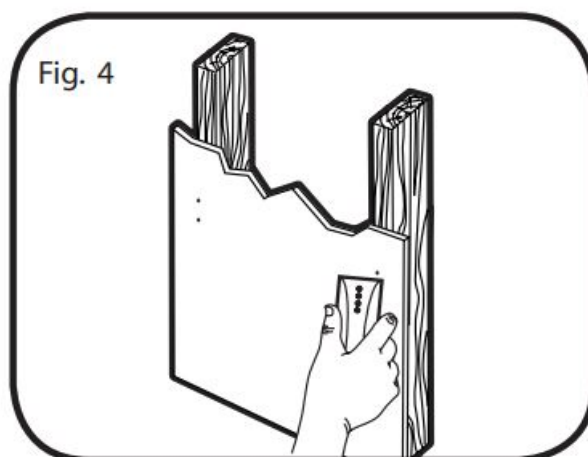
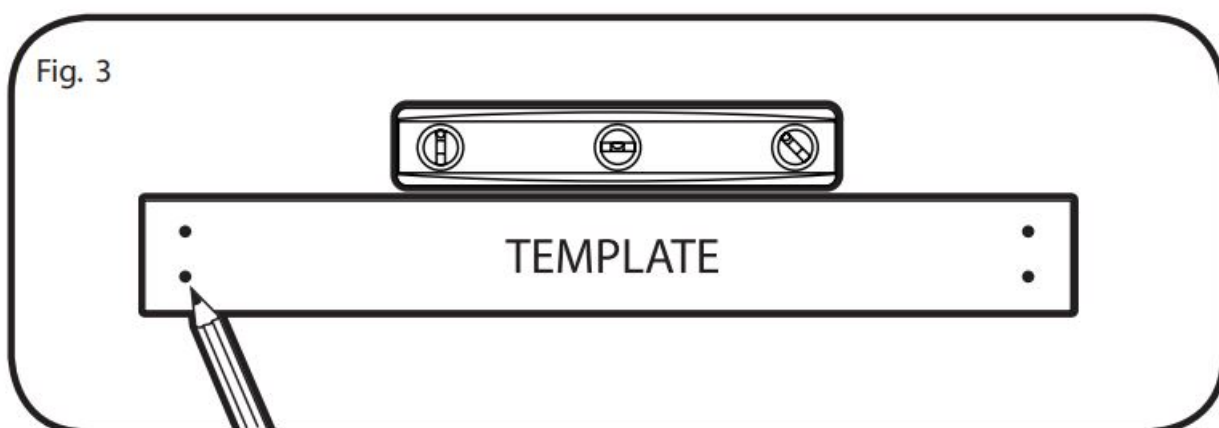
**NOTE:** Mounting instructions are per bracket.

**Step 1**

Establish desired mounting location.

**Step 2**

Lightly tape the supplied Installation Template to the wall in the correct position, using a level for accuracy. Mark locations of the two screws on the wall. (Fig. 3)



**Step 3**

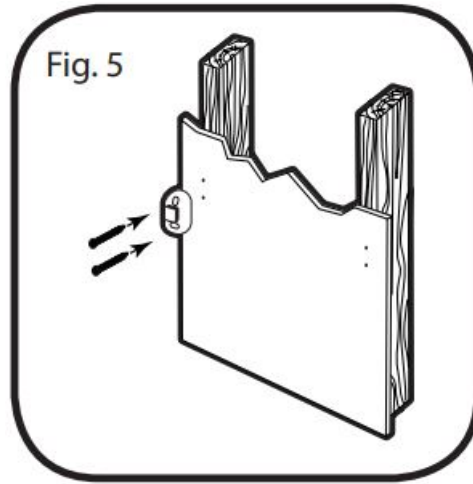
Using a stud finder, determine if there is a wall stud directly behind the chosen location. (Fig. 4)

**Step 4**

- **a)** If a wall stud is found, drill a pilot hole into the stud at each mark, then move to Step 5. OR
- **b)** If no stud is found, install wall anchors at each mark following the instructions for the type of wall anchor you are using. **CAUTION:** We strongly recommend contacting a professional contractor for this type of installation.

**Step 5**

Using the screws, attach the first wall bracket to the wall. DO NOT completely tighten screws (Fig. 5).



### Step 6

Repeat steps for the second bracket. Use a level to make sure the brackets are completely straight before tightening all screws.

### Step 7

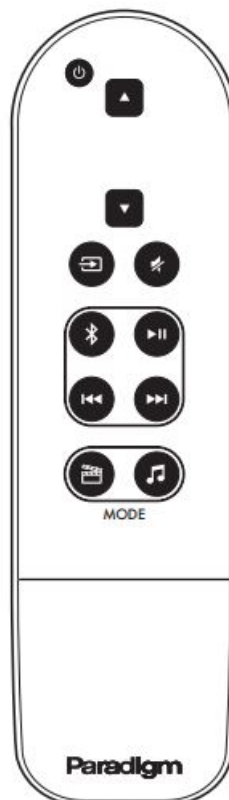
**IMPORTANT:** Attach audio cables BEFORE mounting soundbar to wall brackets. See Set-Up Guide for how to attach cables.












Move soundbar into place directly over brackets and gently push it to the wall making direct contact with brackets. You will hear a CLICK as each bracket makes contact with the soundbar. DO NOT release soundbar from your grasp until you hear those two clicks.

## CONTROL

### Remote Control

The supplied remote includes 2 x AAA batteries. Follow the diagram on the back of the Remote for correct insertion: + to + and – to –.



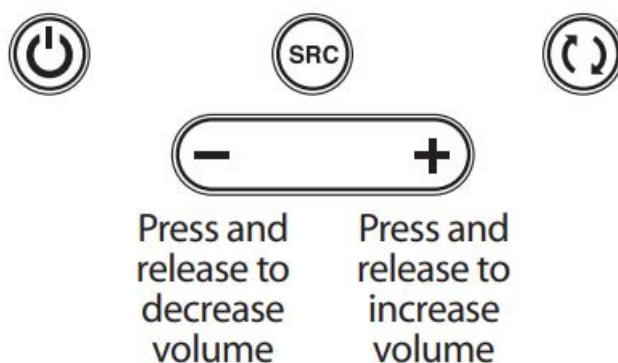
	Power On / Off
	Volume Up
	Volume Down
	Input
	Mute
	Enable Bluetooth
	Bluetooth
	Previous Track
	Next Track
	Movie Mode*
	Music Mode*
	* Initiates Paradigm Virtual Surround

### IMPORTANT:

If you lose the remote, contact Paradigm at 1-905-696 2868 to purchase a new one. Loss of remote is not covered under Paradigm warranty.

### Soundbar Top-Panel Controls

1. Press to turn system on and off
2. Press to select Source
3. Press to synch soundbar and subwoofer



### IR Learning Codes

Your system is capable of learning certain codes from remote controls you already own, for example, the volume code from your TV's remote. Each code must be programmed in separately. To program, follow the steps below:

1. Press and hold for 3 seconds the button on the soundbar's Top Panel Controls for the desired function to be programmed (eg. volume, mute, on/off).



2. The soundbar's LED will start to flash indicating that the system is now in 'IR learning' mode.
3. Aim alternative remote control at the front of the soundbar and press its corresponding function button. The blue LED rapidly flashes 4 times to indicate that the IR code has been 'learned', it then returns to a solid blue.
4. Repeat from Step 1 to program each function.

**NOTE ABOUT MUTE:** To learn a MUTE command from a remote control you already own, press the Sync button on top panel of the soundbar for 3 seconds then move to Step 2 above.

**NOTE ABOUT IR CODES:** Your existing cable/satellite box remote control or TV remote control may use a code that the system cannot learn. In these instances, you will have to use the remote control that came with your system or use a universal or learning remote control.

## CONNECTION

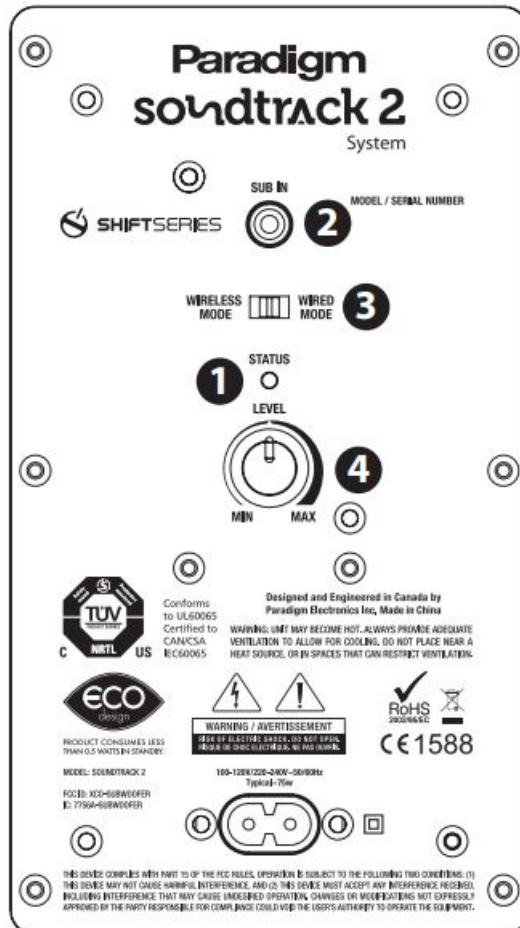
For quick system setup and connection refer to the instructions in the Set-Up Guide included.

## SETTING UP THE SOUNDBAR

Refer to the Set-Up Guide included for detailed instructions on all of the following.

- a) Setup
- b) LED functionality
- c) Establishing a Bluetooth Connection

## SETTING UP THE SUBWOOFER



(Shown) Back panel of Subwoofer. See page 8 for description of numbered functions.

1. **Status LED.** Indicates connection status between the subwoofer and soundbar (e.g. Not Paired, Searching for Connection, Paired). For additional information refer to the Set-Up Guide included.
2. **Line-Level Input** (for use in a wired subwoofer connection only) Allows connection from the wired Sub Out of the soundbar or Sub/LFE Out of an external A/V receiver, processor or other suitable low-level source.  
**IMPORTANT:** Do not connect a cable to the Line-Level Input if you have already set-up a wireless subwoofer connection.
3. **Pair.** This feature initiates wireless pairing between the subwoofer and the transmitter inside the soundbar.
4. **Subwoofer Level.** Balances the subwoofer's output level to that of your soundbar. See the Set-Up Guide for more info in this area.

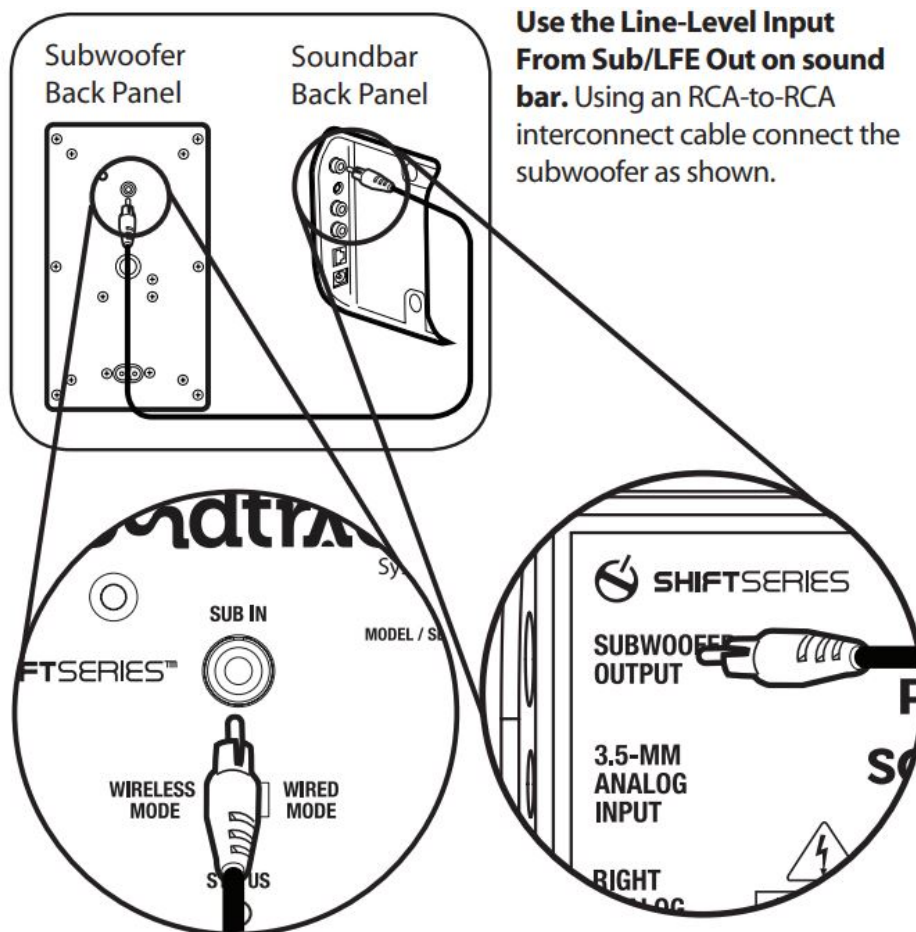
## WIRELESS OPERATION

### Transmitter Range

In a typical listening room, the built-in wireless transmitter in your soundbar has a maximum range of 50' (15 m). Obstructions such as walls, large pieces of furniture, room dividers, etc., may reduce that range. Do not place the soundbar and subwoofer farther apart than the recommended range.

The soundbar's wireless transmitter features a 2.4 GHz uncompressed digital self-sensing design that will automatically adjust for the best wireless connection while monitoring the integrity of the data stream. For wireless pairing instructions, refer to the Set-Up Guide included.

## WIRED OPERATION



## TECHNICAL SPECIFICATIONS

### Soundbar

- **Design** 2 isolated identical channels for Left and Right. Left Channel: 3-driver, 2-way plus single passive radiator. Right Channel: 3-driver, 2-way plus single passive radiator. Molded ABS enclosure with matte finish Crossover 3rd-order electro-acoustic at 2.4 kHz
- **High-Frequency Driver** (per channel) 1 x 25-mm (1 in) S-PAL™ satin-anodized pure-aluminum dome tweeter
- **Bass / Midrange Driver** (per channel) 1 x 102-mm (4") composite cone, 37-mm (1-1/2") voice coil
- **Passive Radiator** (per channel) 1 x 102-mm (4") composite cone
- **Low-Frequency Extension\*** 90 Hz (DIN)
- **Frequency Response** On-Axis  $\pm 2$  dB 140 Hz – 20 kHz 30° Off-Axis  $\pm 2$  dB 140 Hz – 20 kHz
- **Total System Frequency Response** 40 Hz – 20 kHz
- **Sensitivity – Room / Anechoic** (@ 0.1 Vrms/Volume max) 88 dB / 85 dB
- **Total Amplifier Power** 2 x 25 Watts RMS Sustained; 2 x 50 watts Peak
- **Inputs** Optical digital; 3.5-mm aux analog; RCA analog stereo; Bluetooth
- **H x W x D (including feet)** 5-5/16 in x 36-3/8 in x 2-15/16 in / 13.5 cm x 92.3 cm x 7.3 cm
- **Weight (unpacked)** 7.35 lb / 3.34 kg
- **Finish** Black
- **Accessories (included)** Wall-mounting brackets (wall-mounting hardware not included), 2 x Stability feet

## Subwoofer

- **Subwoofer Design** Single driver, bass-reflex design, dual low-turbulence tuned ports, built-in amplifier. Molded ABS enclosure with matte finish
- **Amplifier Design:** High-current, Discrete Output Ultra-Class-D™ amplifier: 120 watts RMS Sustained / 240 watts Peak Power
- **Amplifier Features** Auto-On / Standby, soft clipping
- **Bass Driver** 210-mm (8 in) reinforced polymer-composite cone, 38-mm (1-1/2 in) voice-coil
- **Low-Frequency Extension\*** 33 Hz (DIN)
- **Subwoofer Cut-Off Frequency** 150 Hz fixed
- **H x W x D (cradle adds 3/4 in / 1.90 cm to height)\*\*** 14-3/16 in x 18-5/16 in x 6-5/16 in / 36.0 cm x 46.4 cm x 16.0 cm
- **Weight (unpacked, stand adds 0.70 lb / .32kg)** 11.2 lb / 5.08 kg
- **Accessories** 4 x Stability Feet; Cradle
- **Finish** Black

\*DIN 45 500. Indicates -3 dB in a typical listening room. \*\*Feet add 1 in / 2.5 cm to height in horizontal position.

## LIMITED Warranty

Paradigm warrants this product against defects in materials and workmanship under normal use and operation for a period of one (1) year from the date of retail purchase by the original end-user purchaser. For warranty purposes, you must retain your sales receipt and this Owners Manual for warranty to be valid. For additional product support, call Paradigm at 905-696-2868 or email [service@paradigm.com](mailto:service@paradigm.com).

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For more information visit [paradigm.com](http://paradigm.com)

## RECYCLING

### RECYCLING AND REUSE GUIDELINES FOR EUROPE

In accordance with the European Union WEEE (Waste Electrical and Electronic Equipment) directive effective August 13, 2005, we would like to notify you that this product may contain regulated materials which, upon disposal, according to the WEEE directive, require special reuse and recycling processing. For this reason Paradigm Electronics Inc. (manufacturers of Paradigm speakers and Anthem Electronics) has arranged with our distributors in European Union member nations to collect and recycle this product at no cost to you. To find your local distributor please contact the dealer from whom you purchased this product or go to our website at [paradigm.com](http://paradigm.com).

Please note that the product only falls under the WEEE directive. When disposing of packing and other shipping material we encourage you to recycle through the normal channels.

### NOTE:

## FCC

**FCC ID:** XCO-SUBWOOFER and **FCC ID:** XCO-SOUNDBAR2; **IC ID:** 7756A-SUBWOOFER and **IC ID:** 7756A-SOUNDBAR2. 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 information 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 product 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 product 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 product 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.

This device complies with Industry Canada licence-exempt RSS standard(s). 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.

### WIRELESS TRANSMITTER COMPLIANCE INFORMATION

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met. This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

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- The “aptX® software is copyright CSR plc or its group companies. All rights reserved. The aptX® mark and the aptX logo are trade marks of CSR plc or one of its group companies and may be registered in one or more jurisdictions.”

**Documents / Resources**

	<a href="#">Paradigm Soundtrack 2 Soundbar with Subwoofer</a> [pdf] Owner's Manual Soundtrack 2 Soundbar with Subwoofer, Soundtrack 2, Soundbar with Subwoofer, Subwoofer
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**References**

-  [Paradigm® | High Performance Audio - Crafted in Canada](#)