



SOUNDSOLE 2.1

Desk-Top/Table-Top All in One Sound System



 **Bluetooth®**



Sync to Bluetooth enabled
Device like Smartphone
and Tablets



Smart Phone



Tablet



Laptop/Computer



Monitor Size


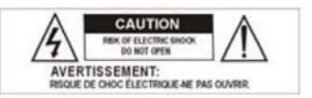



Max Weight





Digital Processor

OWNER'S MANUAL

		
<p>This lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of insulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock presents.</p>	<p>CAUTION: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. AVERTISSEMENT: pour éviter tout incendie ou électrocution, n'exposez pas cet appareil à la pluie ou l'humidité.</p>	<p>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 appliance.</p>

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. Do not block any ventilation openings. Install in accordance with the manufactures 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 the plugs, convenience receptacles, and at the point where it exits from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug the apparatus during lightening sorts or when unused for long periods of time.
13. Refer all servicing to qualified 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.
14. This appliance should not be exposed to dripping or splashing water and no objects filled with liquids such as vases should be placed on apparatus.

	<div style="border: 1px solid black; padding: 5px; text-align: center;"> CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN </div>	
<p>Cet éclair de foudre avec le symbole de pointe de flèche, dans une triangle équilatérale, est destiné pour alerter l'utilisateur à la présence du lert l'utilisateur à la présence de la tension dangereuse isolée dans la rubrique de description de produits qui peut être de la grandeur suffisante pour constituer un risque de décharge électrique présente.</p>	<p>Avertissement : pour réduire le risque de décharge électrique, ne retirez pas la couverture (ou arrière) - aucune pièce utile d'utilisateur à l'intérieur. Refer entretenant à qualifié personnel de service.</p>	<p>Le point d'exclamation dans une triangle équilatérale est destiné pour alerter l'utilisateur à la présence de l'opération et des instructions importantes de maintenance (entretien) dans la littérature accompagnant l'appareil.</p>

1. Lisez ces instructions.
2. Gardez ces instructions.
3. Observez tous les avertissements.
4. Suivez toutes les instructions.
5. N'utilisez pas cet appareil près de l'eau.
6. Nettoyez seulement avec le tissu sec.
7. Ne bloquez aucune ouverture de ventilation. Installez selon fabrique des instructions.
8. N'installez près d'aucune source de chaleur telle que des radiateurs, des registres de la chaleur, des fourneaux, ou d'autres appareils (amplificateurs y compris) cette chaleur de produit.
9. Ne défaites pas le but de sécurité du type polarisé ou au sol prise. Une prise polarisée a deux lames avec une plus large que l'autre. Un type au sol prise a deux lames et une troisième fourche fondante. La lame large ou la troisième fourche sont données pour votre sécurité. Si la prise fournie ne s'insère pas dans votre débouché, consultez un électricien pour remplacement du débouché obsolète.
10. Protégez le cordon d'alimentation contre être marchée en fonction ou pincée en particulier aux prises, récipients de commodité, et au point où il quitte de l'appareil.
11. Utilisez Seulement les connexions/accessoires spécifiques par le constructeur.
12. Débranchez l'appareil pendant les tris d'allégement ou si inutilisé pendant des longues périodes de temps.
13. Référez-vous tous qui entretiennent au personnel qualifié. L'Entretien est exigé quand l'appareil a été endommagé de quelque façon, comme la corde de bloc d'alimentation ou la prise est endommagée, le liquide a été renversé ou les objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement, ou a été lâché.
14. Cet appareil ne devrait pas être exposé à l'égouttement ou l'eau de éclaboussement et aucun objet remplis de liquides tels que des vases ne devraient être placés sur l'appareil.



Includes

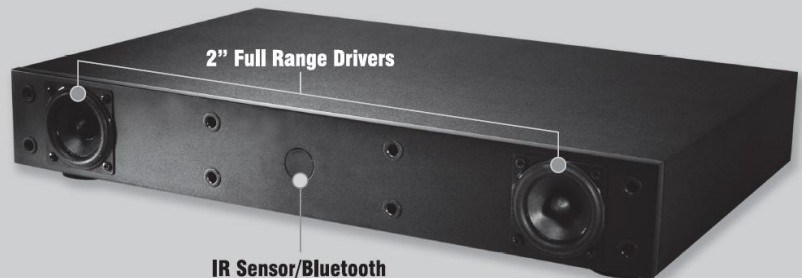
- 1 - Stereo SoundSole 2.1
- 1 - IR Remote Control
- 1 - Lithium Battery (3V, CR2025)
- 1 - Stereo RCA Patch Cable
- 1 - Digital Optical Patch Cable
- 1 - AC Power Supply

Key Features:

- Compact design sits on Desk or Table tops
- Dual, down-firing powered subwoofer for superior bass
- A Space-saving, plug and play solution for better audio
- Digitally-powered, front-firing left and right sound stage
- Full-size, theatrical sound from a single, space saving system
- Easily connects to televisions/monitors via analog and digital inputs
- Advanced Digital Signal Processing (DSP) simulates Home theater sound
- Instantly enhances the sound of your Small to Medium Flat Panel TV/Monitor
- Syncs to Bluetooth-enabled (version 4.0) devices like Smartphone and Tablets
- Perfect for Monitors 17" to 42" Televisions in Home Offices, Bedrooms or Dormitories

Specifications:

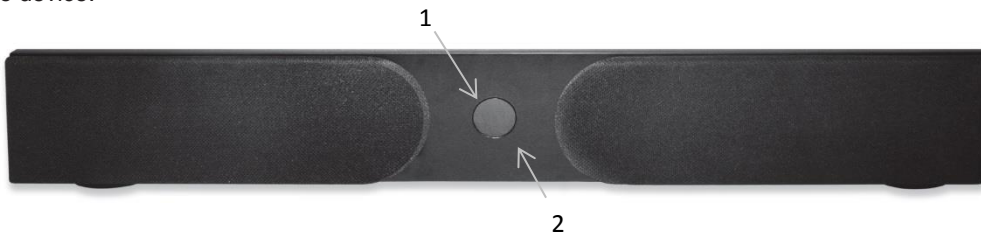
- Includes IR Remote Control
- Frequency Response: 45Hz-20kHz
- Bi-Amped, 50 Watts Total Amplification
- Features Bluetooth™ Wireless Technology
- Supports Max Weight: 55lbs; Matte Black Finish
- Dual 5.25" Down-Firing Sub-Woofer (1 Active, 1 Passive)
Powered by 1 X 30 Watt Digital Low Pass Power Amplifier
- Multiple Source Inputs: Digital/Analog/Bluetooth Wireless
- Dimensions 17.9"W x 12.4"D x 2.5"H (2.9"H with the feet)
- Analog (3.5mm Stereo Mini), Stereo RCA Analog and Tosh-Link Optical Digital
- A Pair of 2.25" Full Range Drivers, Powered by 2 x 10 Watt Stereo Digital Power Amp



INTRODUCTION

Congratulations and thank you for purchasing OSD AUDIO SOUNDSOLE 2.1 Desk/Table-Top All in One System. The OSD AUDIO SOUNDSOLE 2.1 greatly enhances the sound quality of today's flat screen LED, LCD and Plasma TVs without having to add a lot of speakers. A single speaker system that requires very little space, the SOUNDSOLE 2.1 can be installed below or in front of a high definition TV or inside a cabinet. You'll enjoy simulated surround sound from a single, space- saving cabinet with deep, enveloping bass without bulky speakers or amps. The OSD AUDIO SOUNDSOLE 2.1 easily connects to inputs on today's flat panel TVs and digital music players and even syncs to almost any Bluetooth audio device.

OSD Audio SOUND SOLE 2.1 FRONT PANEL



1. STATUS LED - (Behind front panel lens.) One multi-color LED. This LED will illuminate red/blue and flash in different modes to indicate changes in the SOUNDSOLE 2.1 operational status. **SOLID RED** - OFF (Standby). Power cord is connected and AC switch is turned ON, but the SOUNDSOLE 2.1 is OFF.

SOLID BLUE – ON – OSD AUDIO SOUNDSOLE 2.1 is ON.

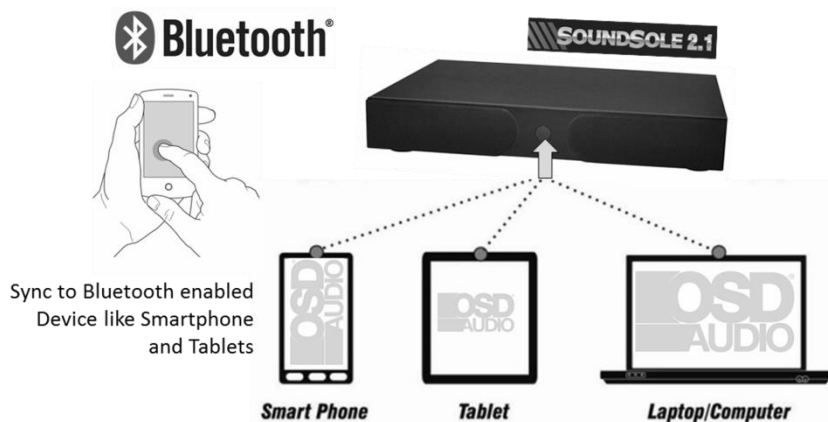
SINGLE BLUE FLASH - Confirms receiving an IR command from the OSD AUDIO SOUNDSOLE 2.1 Remote for changes to Treble/Bass, EQ Reset, Simulated Surround (SR), single Volume UP/DOWN command, initiating output of the Bluetooth Connection Code.

RAPID BLUE FLASH - Confirms receiving a continuous IR stream from the SOUNDSOLE 2.1 Remote for ramping volume UP/DOWN. Rapid blue flash also indicates the SOUNDSOLE 2.1 is in Bluetooth pairing mode.

SLOW BLUE FLASH - Audio Mute. Audio signal to the speakers is turned OFF.

TWO BLUE FLASHES; DELAY - Bluetooth input is selected and no Bluetooth device is connected or it is out of range.

2. IR SENSOR - (Behind front panel lens.) The IR Sensor 'sees' the IR control commands output from the SOUNDSOLE 2.1 IR Remote Control when buttons are pressed on the remote for armchair control of the SOUNDSOLE 2.1. This sensor must be unobstructed for direct line-of-sight to the remote, or the remote will not be able to control the SOUNDSOLE 2.1.



CONNECTION PANEL



3.5MM AUX STEREO AUDIO INPUT – A Single 3.5mm Stereo; Connect to the Headphone Jack of any iPod, iPad, Laptop or PC computer. This input is selected by pressing the Source button on the OSD AUDIO SOUNDSOLE 2.1 IR Remote. Use with devices not Bluetooth enabled, signal is Analog.

RCA ANALOG STEREO AUDIO INPUT - Two RCA jacks. Connect to the L & R Line Level Audio OUT on a TV or other source. This input is selected by pressing the AUX button on the OSD AUDIO SOUNDSOLE 2.1 IR Remote.

DIGITAL FIBER OPTIC INPUT - One Digital Fiber Optic port. Connect to the Digital Optical OUT on a TV or other Digital source. This input is selected by pressing the Source button on the OSD AUDIO SOUNDSOLE 2.1 IR Remote.

NOTE: The audio output of a TV, Blu-ray Disc player, game console, or DVD player connected to the SOUNDSOLE 2.1 via Coaxial Digital must be set to PCM in the source's setup. Please see the device's Owner's Manual for details.

AC INPUT- Universal power connector. Automatically selects AC voltage for a given region. Connect to the included 2-conductor AC Power Cord. After all audio connections have been made and confirmed, plug the power cord into an un-switched AC Outlet to power the OSD AUDIO SOUNDSOLE 2.1.



Multi Voltage
Switching Supply

DOWN FIRING SUBWOOFER - The OSD AUDIO SOUNDSOLE 2.1 bottom panel features two 5-1/4" subwoofers, one of the Drivers is active driven by a 30 Watt Low Pass Digital Class D Amplifier. The second 5.25" driver is a Passive radiator helping to tune the enclosure. When handling the SOUNDSOLE 2.1 be careful not to grab or hold the cabinet bottom where the woofers are located to prevent damaging the woofers. Also take care to not set the cabinet down on anything but a flat surface clear of obstructions.

When placing the OSD AUDIO SOUNDSOLE 2.1 PLATFORM on a shelf or stand, be sure there are no objects under the cabinet that will damage or block the woofers and check to make sure there are no objects on the sides of the cabinet that will block the space under the SOUNDSOLE 2.1. Blocking this space will reduce overall bass performance.

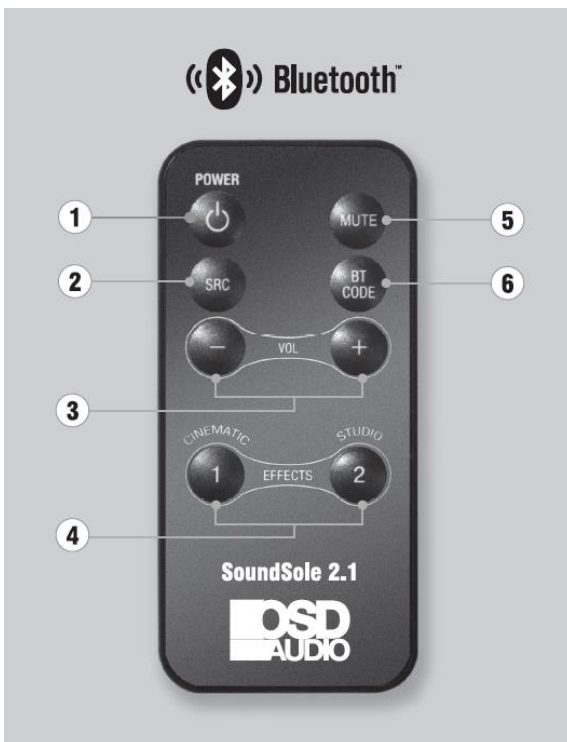




IR REMOTE CONTROL

Remote Control:

- 1) **Power Button**
- 2) **Source Button**
- 3) **Volume up/down**
- 4) **DSP Effect**
- 5) **Mute Button**
- 6) **BlueTooth Code Sync**



1. POWER - Press this button to turn the SOUNDSOLE 2.1 ON/OFF.

2. SRC; SOURCE- Press to select a connected source. The SOUNDSOLE 2.1 Front Panel Status LED will flash once to indicate a change in input selection.

LINE IN1, AUX – 3.5mm input, from Headphone Jack ANALOG connection

LINE IN2, RCA – Left and Right Signal Level Stereo RCA Input, ANALOG.

Optical LINE IN – Digital Fiber Optic Input

3. VOLUME -/+ Press **VOL (-)** to reduce volume. Press **VOL (+)** to increase volume.

4. DSP Effect – Advanced Digital Signal Processing which creates simulated surround sound from a stereo speaker configuration. This will dramatically open up the sound stage making the appear to be coming from all over the room. There are two choices for DSP settings. Typically you would use the Cinematic setting when watching a Video, Movie or Television show. The Studio setting is recommended when listening to a 2 channel music source but does not guarantee better sound but just different. It then comes down to a personal preference to the listener.

5. MUTE - Press this button once to mute the SOUNDSOLE 2.1. Press again to un-mute the SOUNDSOLE 2.1.

6. Press this button to initiate Bluetooth pairing mode. The Front Panel Status LED will rapid flash blue. The SOUNDSOLE 2.1 will output a pairing code that will be picked up by any active Bluetooth device that is within range of the SOUNDSOLE 2.1. Press to select a paired Bluetooth device. A Bluetooth device must be paired to the OSD AUDIO SOUNDSOLE 2.1 for audio output. A paired Bluetooth device will remain 'connected' after changing inputs as long as the Bluetooth device has not moved out of range, turned off or otherwise disconnected.

Table Top Installation

The Soundsole is ideally designed for table top installation. In this application the Soundsole is placed on a cabinet top and becomes a pedestal for the TV. Very little space is required beyond what is already used by the TV.



DESK/TABLE TOP INSTALLATION

The SOUNDSOLE 2.1 is ideally designed for desk and table top installation. In this application the SOUNDSOLE 2.1 is placed on a Desk or cabinet top and becomes a pedestal for the TV/Monitor. Very little space is required beyond what is already used by the TV/Monitor. The compact size 17.9\"W x 12.4\"D x 2.9\"H makes it ideal for a Monitor stand in a Home Office Setup and provides seamless integration while adding a true Sub-woofer Satellite system with Digital Surround Processing.

DOWN-FIRING WOOFERS

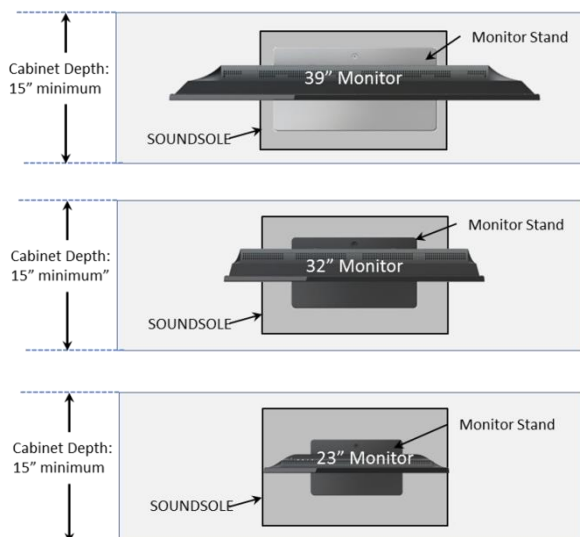
The SOUND SOLE 2.1 should always be placed on a solid surface, maintaining the clearance on the bottom of the unit required for low-frequency sound to freely radiate into the room. Do not place objects next to the SOUNDSOLE 2.1 that will block this space. It is recommended to keep two to three inches all around the SOUNDSOLE 2.1 to get the optimum sound from the Sub-woofer.

CABINET INSTALLATION

Note: The TV pedestal should not be larger than the top of the SOUNDSOLE 2.1 (17.9\"W x 12.4\"D x 2.94\"H).

The cabinet /desk top should be at least Fifteen inches deep to properly support the SOUNDSOLE 2.1. The SOUNDSOLE 2.1 is 12.4 inches Deep (with grille attached) and extra space will be required between the SOUNDSOLE 2.1 and a wall behind the cabinet for cables connecting the SOUNDSOLE 2.1 to the TV or other A/V sources (3 inches minimum).

Top View of Flat Panel TV/Monitors with stand/base on top of the SOUNDSOLE 2.1



AUDIO CONNECTIONS

The OSD AUDIO SOUNDSOLE 2.1 has three Audio Input connections on the rear panel that can be used for TV audio or connection to other sources such as CD player, a portable music player (that does not have Bluetooth), a computer or any audio source with one of the following output connections.



3.5mm AUX INPUT

Connect the 3.5mm AUX cable to the Headphone output of any non Bluetooth device such as a iPod or Laptop Computer. Headphone connection is Analog and typically two channel stereo. Connect to the single 3.5mm to the single 3.5mm line 1 input. This input is selected by pressing the 'SRC' (source) button on the SOUNDSOLE 2.1 IR Remote. It sequences through line1, line 2 and optical input.



3.5mm Stereo AUX Cable

L&R AUDIO

Connect the L&R Audio OUT on a TV or other source to the SOUNDSOLE 2.1 L&R Audio Input using a Stereo RCA-RCA Patch Cable as shown. This Input is selected by pressing the 'SRC' (source) button on the included IR Remote.



RCA Stereo Patch Cords



OPTICAL DIGITAL AUDIO

Connect the Optical Digital Audio OUT on a TV or other source to the OSD AUDIO SOUNDSOLE 2.1 Optical Input using a Digital Optical Audio Cable as shown. This Input is selected by pressing the SRC button on the included IR Remote. NOTE: The audio output of a TV, Blu-ray Disc player, game console, or DVD player connected to the SOUNDSOLE 2.1 via Optical Digital, must be set to PCM in the source's setup. Digital connection to a CD player does not require a special setting.



Fiber Optic Digital Cable



EXTERNAL POWER SUPPLY

After all audio connections have been made and confirmed, connect the female end of the included External Switching Power Supply to the AC Input on the SOUNDSOLE 2.1 rear panel, and then plug the AC power cord into an un-switched AC outlet. The AC connection is a universal power connection that will automatically handle AC voltage from 100-240VAC.



Multi Voltage
Switching Power
Supply

SIMULATED SURROUND

The SOUNDSOLE 2.1 utilizes advanced Digital Signal Processing (DSP) to create simulated surround sound from a stereo speaker configuration. The SOUNDSOLE 2.1 simulated surround can also be used for music (Effect button #2, Studio).

Press the #1 Effects button (labeled Cinematic) on the SOUNDSOLE 2.1 IR Remote to turn the simulated surround ON if you want simulated surround while watching a Video. The Front panel Status LED will flash once.

Press the same Effects button (#1) on the SOUNDSOLE 2.1 IR Remote to turn the simulated surround OFF. Front panel Status LED will flash once. Do the same when listening to the DSP effects #2 (Studio) when listening to music and you want to turn the effect off.



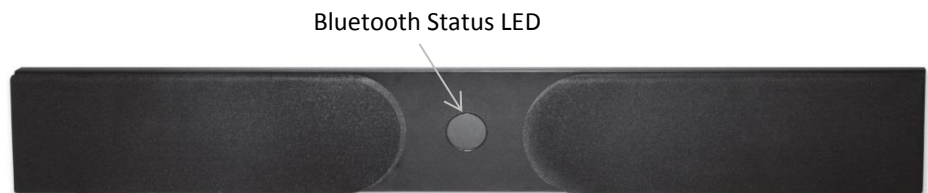
PAIRING AND SELECTING A BLUETOOTH SOURCE

The SOUNDSOLE 2.1 will pair without the need to enter a code, if the device implements Bluetooth v2.1 or later. Legacy pairing is the only method available for Bluetooth v2.0 and older. Each device must enter a PIN code: '0000' to complete pairing. To ensure that your device is compatible, look for the Bluetooth Music Icon on the packaging, or go to: www.gadgetguide.bluetooth.com

PAIRING A BLUETOOTH DEVICE

1. Turn the SOUNDSOLE 2.1 and the Bluetooth device ON.
2. Press the button on the SOUNDSOLE 2.1 IR Remote to select the Bluetooth Input. The front panel Status LED flash twice, delay then repeat.
3. On the device to be paired to the SOUNDSOLE 2.1, turn Bluetooth ON. The Bluetooth controls are typically found in the device's 'Settings' or 'Connections' menu. If the Bluetooth device has previously been paired with the SOUNDSOLE 2.1, and the SOUNDSOLE 2.1 has not been removed from the list of discovered devices, the Bluetooth device should automatically sync with the SOUNDSOLE 2.1. (Front panel Status LED solid blue.)
4. Press the button on the SOUNDSOLE 2.1 IR Remote for a Bluetooth device that has not been paired with the SOUNDSOLE 2.1, or the SOUNDSOLE 2.1 has been removed from its list of discovered devices. The SOUNDSOLE 2.1 will output a sync code that will be received by the Bluetooth device. The front panel Status LED will flash rapidly until the Bluetooth device accepts the BT Code and pairs to the SOUNDSOLE 2.1.
5. The device will appear in the Bluetooth setup screen on the device being paired.

OSD Audio
SOUNDSOLE 2.1
FRONT PANEL



6. The device should sync to the SOUNDSOLE2.1. The front panel Status LED will stop flashing and illuminate solid blue.
7. If switching between hardwired sources and a paired Bluetooth device, the Bluetooth device will remain 'connected' as long as the device has not been turned OFF or moved out of Bluetooth range. If the Bluetooth device has been turned OFF, simply turn it ON, navigate to the device's Bluetooth setup and sync to the SOUNDSOLE 2.1

1. 2 x 10W/4ohm@1%THD to Mid/tweeter 2.0" Full Range Driver
2. 1 x 30W/4ohms@1%THD to 5.25" Sub-Woofer
3. Power output by TAS5342 in SE+BTL mode; 50 Watts total **Class D** (Digital)
4. **DSP** (Digital Signal Processor) included
5. Power Adaptor (external) DC21V/2Amax 2.5A, Multi Voltage Switching Power Supply 100-240V/50-60Hz
6. **Bluetooth** 4.0 with apt-x
7. Connections; 3.5mm stereo mini jack, stereo RCA, Tosh-link optical input & DC Power in
8. SOUNDSOLE 2.1 compact IR Remote
9. Accessories: ClassII Power cord, DC Power Adaptor, RCA patch cord, User Manual and IR Remote

Mechanics of SoundSole 2.1

1. Cabinet Dimensions: 17.9"W x 12.4"D x 2.59"D (2.94 w feet)/457mm W x 315mm D x 66mm H (74mm)
2. Matt Black painted front panel, PVC Chassis finish
3. 2" Full-range Driver/2 pieces, 5.25" flat woofer/1 piece, 5.25" passive radiator/1 piece
4. 4 pieces Rubber padded Feet



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, Inc. and any use of such marks by OSD Audio is under license. Other trademarks and trade names are those of their respective owners.

Note: 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. NOTE: 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 audio 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.

LIMITED ONE-YEAR WARRANTY

Limited Warranty

OSD Audio warrants to the original retail purchaser only (“you”) that this product will be free from defects in materials and workmanship for a period of one year (the “Warranty Period”), subject to the limitations and exclusions set out in this Limited Warranty. This warranty is not transferable to subsequent owners of the product. If you discover a defect in material or workmanship within the Warranty Period, contact RMA@osdaudio.com

NOTES

