PROconnect™

SS2.1 Sound Stage
Table-Top Surround Sound System

PROconnect™ SS 2.1

- Four 2 1/2" Treated Paper Midranges
- Inputs: RCA Analog, Optical and Coax Digital
- Frequency Response: 35Hz - 20kHz
- Includes IR Remote Control
- Dimensions (H x W x D): 4" x 28" x 16 1/2"
- Wood Framed Grille with Neo-Magnets
- Stereo Down-Firing 5¼" Treated Paper Subwoofers
- Two 1" Silk Dome Tweeters
- Bi-Amped, 80 Watts Total Amplification
- Features Bluetooth® Wireless Technology
- Matte Black Finish
- Contains One Each

IMPORTANT SAFETY INSTRUCTION

CAUTION
RISK OF ELECTRICAL SHOCK
DO NOT OPEN

APPLICABLE FOR USA, CANADA OR WHERE APPROVED FOR USAGE

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE PLUG TO WIDE SLOT, INSERT FULLY.

CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user- serviceable parts inside. Refer servicing to qualified service personnel. This equipment is a Class II or double insulated electrical appliance.

1. Read these instructions.

2. Keep these instructions.

3. Follow all instructions.

4. Do not use this apparatus near water.

5. Clean only with a damp cloth.

6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

8. 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 is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

10. Only use attachments/accessories specified by the manufacturer.

11. 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.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. 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.

14. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

15. Servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

16. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

17. Where the MAIN plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

18. Danger of explosion if remote control battery is incorrectly replaced. Replace only with the same or equivalent type (CR2025). Do Not Expose Batteries to excessive heat such as direct sunlight, fire, etc. Dispose of dead batteries in accordance with local regulations. To satisfy FCC RF Exposure Requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

19. Under Industry Canada Regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada.

Pro-Connect Sound Stage SS2.1

Includes

1 - Stereo Sound Stage
1 - IR Remote Control
1 - Lithium Battery (3V, CR2025)
1 - Stereo RCA Patch Cable
1 - Digital Optical Patch Cable
1 - AC Power Cord

Features

• Simulated surround sound from a single, space-saving cabinet
• Enjoy deep, enveloping bass without bulky speakers or amps
• Includes advanced Digital Signal Processing (DSP)
• Use with flat-panels TVs and digital music players
• Syncs to almost any Bluetooth audio device

Amplifier Specs:

Bi-amp design; independent amp channels for each woofer and each set of midrange
drivers and tweeter
20W Continuous x 4 Channels into 40 for 80 Watts Total Amplification 35Hz - 20kHz; <1% THD

Audio Inputs:

1 - Digital Coaxial Audio Input
1 - Digital Optical Audio Input
1 - Stereo Analog Line Level Audio Input 1 Bluetooth Input

Speaker Configuration:

- Stereo
- Four Front-facing 2-1/2" Midrange Drivers
- Two 1" Silk Dome Tweeters
- Two Down-firing 5-1/4" Subwoofers
- Ported Enclosure

IR Remote Control

• ON/Standby
• Volume & Mute
• Discrete Input Select
• Treble & Bass Adjustment
• Simulated Surround Sound (Toggle On/Off)

INTRODUCTION

Congratulations and thank you for purchasing the Pro-Connect Sound Stage Table-Top Surround Sound System. The Pro-Connect Sound Stage 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 SOUND STAGE 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 Pro-Connect SOUND STAGE easily connects to inputs on today's flat panel TVs and digital music players and even syncs to almost any Bluetooth audio device.

Pro-Connect
SOUND STAGE
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 SOUND STAGE operational status. SOLID RED - OFF (Standby). Power cord is connected and AC switch is turned ON, but the SOUND STAGE is OFF.

SOLID BLUE – ON – Pro-Connect SOUND STAGE is ON.

SINGLE BLUE FLASH - Confirms receiving an IR command from the Pro-Connect Sound Stage 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 SOUND STAGE Remote for ramping volume UP/DOWN. Rapid blue flash also indicates the SOUND STAGE 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 SOUND STAGE IR Remote Control when buttons are pressed on the remote for armchair control of the SOUND STAGE. This sensor must be unobstructed for direct line-of-sight to the remote, or the remote will not be able to control the SOUND STAGE.

Pro-Connect
SOUND STAGE
REAR PANEL

Back Panel Connection Plate

3. FRONT AND REAR PANEL BASS PORTS -Two pairs of tuned openings in the SOUND STAGE cabinet allow air to 'release' from the cabinet and enhance low frequency audio. Allow at least 3 inches of clearance to a back wall to allow air to move freely from the ports for full bass extension.

CONNECTION PANEL

4. DIGITAL COAXIAL INPUT - One RCA jack. Connect to the Digital Coaxial OUT on a TV or other source. This input is selected by pressing the COAX button on the SOUND STAGE IR Remote. NOTE: The audio output of a TV, Blu-ray Disc player, game console, or DVD player connected to the SOUND STAGE via Coaxial Digital must be set to PCM in the source's setup. Please see the device's Owner's Manual for details.

5. DIGITAL OPTICAL INPUT - One TOSLINK® connector. Connect to the Digital Optical OUT on a TV or other source. This input is selected by pressing the OPT button on the SOUND STAGE IR Remote.

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

6. 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 Pro-Connect SOUND STAGE IR Remote.

7. POWER - Turns the power to the Pro-Connect SOUND STAGE ON/OFF. Always turn the power OFF when making connections to the SOUND STAGE. The Front Panel LED will illuminate red to indicate Standby (power switch ON, SOUND STAGE turned OFF with IR Remote) or blue to indicate that the SOUND STAGE is ON.

8. 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 SOUND STAGE.

9. DOWN FIRING SUBWOOFERS - The SOUND STAGE bottom panel features two 5-1/4" subwoofers, one for left channel bass and one for right channel bass. When handling the SOUND STAGE, 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 SOUND STAGE 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 SOUND STAGE. Blocking this space will reduce overall bass performance.

Shown With Grill   **Shown Without Grill**
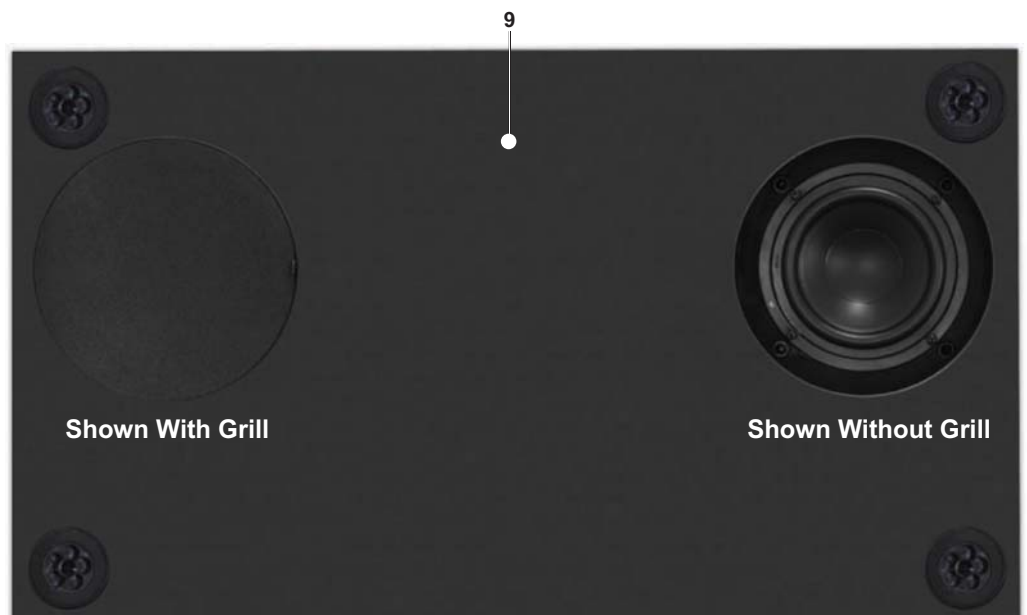
Pro-Connect SOUND STAGE IR REMOTE CONTROL
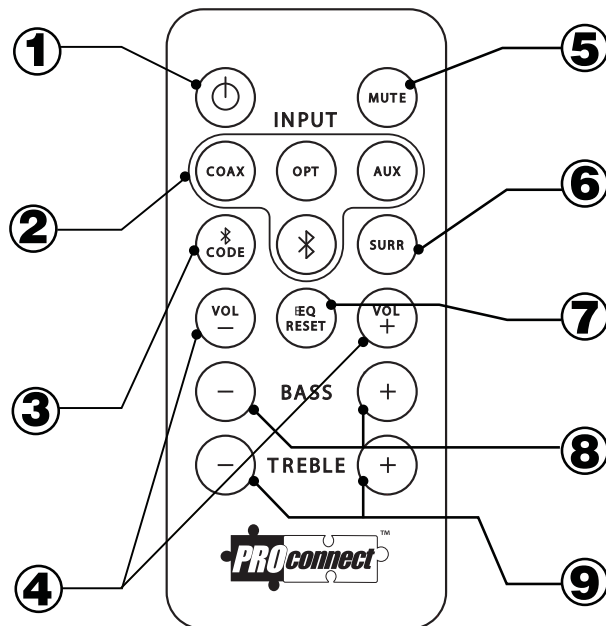
1. POWER - Press this button to turn the SOUND STAGE ON/OFF.

2. INPUT - Press to select a connected source. The SOUND STAGE Front Panel Status LED will flash once to indicate a change in input selection.

    COAX - Press to select the Digital Coaxial Input.
    OPT - Press to select the Digital Optical Input.
    AUX - Press to select the L&R Line Level Audio Input

Press to select a paired Bluetooth device. A Bluetooth device must be paired to the PRO-Connect SOUND STAGE 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.

3. Press this button to initiate Bluetooth pairing mode. The Front Panel Status LED will rapid flash blue. The SOUND STAGE will output a pairing code that will be picked up by any active Bluetooth device that is within range of the SOUND STAGE.

4. VOLUME -/+ Press VOL - to reduce volume. Press VOL + to increase volume.

5. MUTE -Press this button once to mute the SOUND STAGE. Press again to un-mute the SOUND STAGE.

6. SURR -Press this button to activate the simulated surround audio mode. Press again to turn Surround Mode OFF.

7. EQ RESET -Press this button to cancel any changes to the Treble and Bass controls. Remote Control Battery Replacement CAUTION: When replacing the lithium battery in the remote, make sure that the replacement battery is inserted in correct polarity. Place the battery so that its positive (+) side faces up with the tray held so that the surface with the dot and (+) is facing up.

8. BASS -/+ Press BASS - to reduce low frequency output. Press BASS + to increase low frequency output.

9. TREBLE -/+ Press TREBLE - to reduce high frequency output. Press TREBLE + to increase high frequency output.

Flat Screen TV SOUND STAGE A/V Sources


TABLE TOP INSTALLATION

The SOUND STAGE is ideally designed for table top installation. In this application the SOUND STAGE 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.

DOWN-FIRING WOOFERS/REAR PORTS

The SOUND STAGE 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 SOUND STAGE that will block this space. The SOUND STAGE has two rear bass ports that enhance low frequency sounds. These ports should remain unobstructed with a clearance of at least three inches to a back wall to assure proper performance.

Note: The TV pedestal should not be larger than the top of the SOUND STAGE (28"W x 16"D)

CABINET INSTALLATION

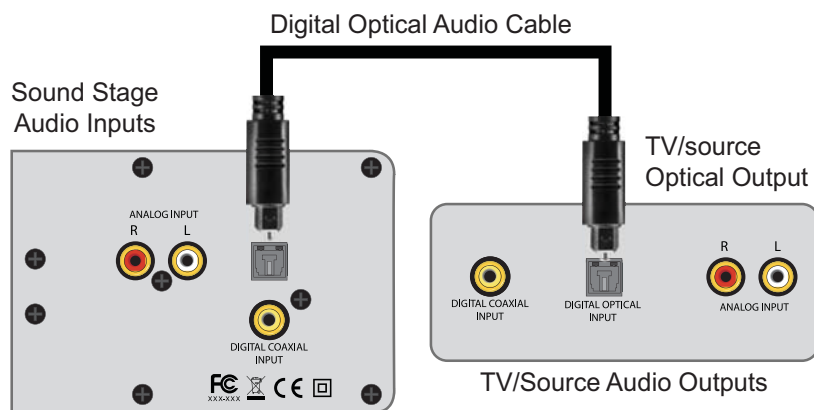Top View of Flat Panel TV with stand sitting on top of Sound Stage
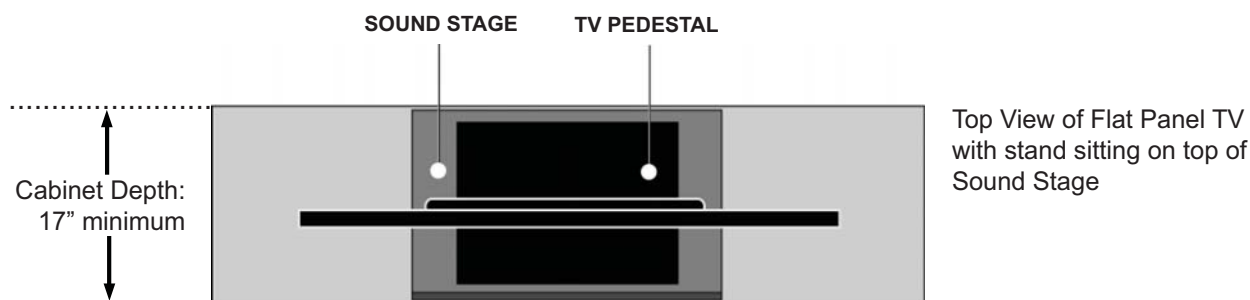
The cabinet top should be at least seventeen inches deep to properly support the SOUND STAGE. The SOUND STAGE is sixteen and a half inches deep (with grille attached) and extra space will be required between the SOUND STAGE and a wall behind the cabinet for cables connecting the SOUND STAGE to the TV or other A/V sources (3 inches minimum).

HARDWIRED AUDIO CONNECTIONS

The Pro-Connect SOUND STAGE has three hardwired 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.
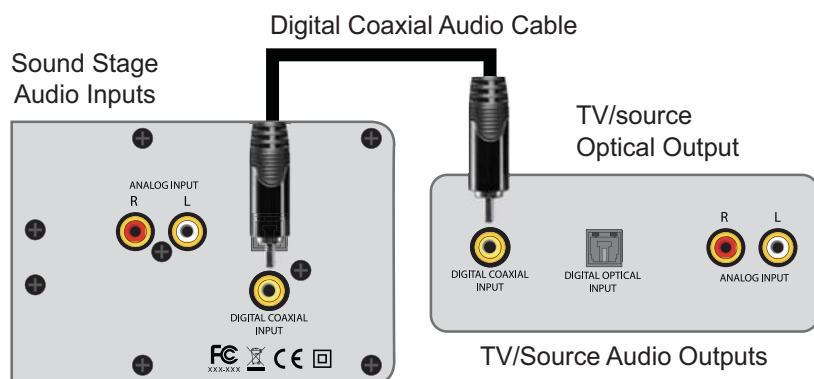
OPTICAL DIGITAL AUDIO

Connect the Optical Digital Audio OUT on a TV or other source to the Pro-Connect SOUND STAGE Optical Input using a Digital Optical Audio Cable as shown. This Input is selected by pressing the 'OPT' 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 SOUND STAGE 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.

Digital Optical Audio Cable

Sound Stage Audio Inputs

TV/source Optical Output

TV/Source Audio Outputs

COAXIAL DIGITAL AUDIO

Connect the Optical Digital Audio OUT on a TV or other source to the Pro-Connect SOUND STAGE Optical Input using a Digital Optical Audio Cable as shown. This Input is selected by pressing the 'OPT' 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 SOUND STAGE 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.

Digital Coaxial Audio Cable

Sound Stage Audio Inputs

TV/source Optical Output

TV/Source Audio Outputs

L&R AUDIO

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

Stereo RCA Patch Cable

Sound Stage Audio Inputs

TV/Source Audio Outputs
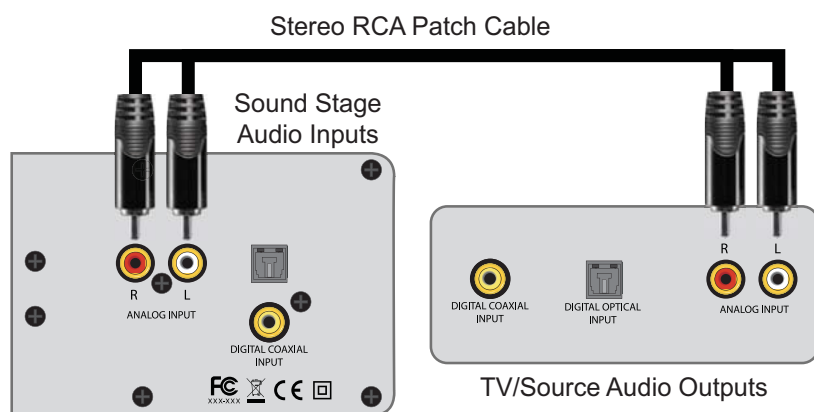
AC POWER CORD

After all audio connections have been made and confirmed, connect the female end of the included power cord to the AC Input on the SOUND STAGE 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.

SIMULATED SURROUND

The SOUND STAGE utilizes advanced Digital Signal Processing (DSP) to create simulated surround sound from a stereo speaker configuration. The SOUND STAGE simulated surround can also be used for music.

Press the SURR button on the SOUND STAGE IR Remote to turn the simulated surround ON. Front panel Status LED will flash once.

Press the SURR button on the SOUND STAGE IR Remote to turn the simulated surround OFF. Front panel Status LED will flash once.

OPERATING THE Pro-Connect SOUND STAGE

PAIRING AND SELECTING A BLUETOOTH SOURCE

The SOUND STAGE 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 SOUND STAGE and the Bluetooth device ON.

2. Press the button on the SOUND STAGE 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 SOUND STAGE, 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 SOUND STAGE, and the SOUND STAGE has not been removed from the list of discovered devices, the Bluetooth device should automatically sync with the SOUND STAGE. (Front panel Status LED solid blue.)

4. Press the button on the SOUND STAGE IR Remote for a Bluetooth device that has not been paired with the SOUND STAGE, or the SOUND STAGE has been removed from its list of discovered devices. The SOUND STAGE 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 SOUND STAGE.

5. The device will appear in the Bluetooth setup screen on the device being paired.

6. The device should sync to the SOUND STAGE. 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 SOUND STAGE

SPECIFICATIONS AUDIO

Power Output 20W Continuous x 4 Channels into 4O for 80 Watts Total Amplification;........ 35Hz to 20kHz
THD (at rated power)..<1.00%
Damping Factor...> 15
Input Sensitivity (For rated power @ max VC, analog L&R Inputs)............................. 335 mV
Input Impedance (analog L&R Inputs)..20 K Ohms
Input Overload (analog L&R Inputs)...2.0Vrms
Frequency Response.. 35 Hz to 20 kHz
Channel Separation.. > 50 dB @ 10 kHz
Cross Talk Between Sources...> 60 dB @ 10 kHz
S/N Ratio (A-Wtd, db below 1 Watt)...-78 dB
Bass Control Range...± 8 dB @ 100 Hz
Treble Control Range.. ± 6 dB/-10dB @ 10 kHz

Speakers

Down-firing Subwoofers...Two x 5-1/4" Treated Paper Cone
Mid Range Drivers..Four x 2-1/2" Treated Paper Cone
Tweeters...Two x 1" Silk Dome

Power Consumption 120V

Standby..<0.5 Watts
No signal (idle).. 14 Watts
At 1/8 of Rated Power (2.5 Watts/Channel, 4O)..40 Watts
Rear Panel marked Line Ratings...100~240V~ 50~60Hz 100W

Dimensions : (H x W x D) 4" x 28" x 16-1/2" (102mm x 711mm x 419mm) 16" (406mm) Depth with grille removed
Weight : 25 lbs. (11kg)

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.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

FCC RF Exposure Requirements (MPE)

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.
To ensure compliance, operations at closer than this distance is not recommended.

Les antennes installées doivent être situées de facon à ce que la population ne puisse y être exposée à
une distance de moin de 20 cm. Installer les antennes de facon à ce que le personnel ne puisse approcher à 20 cm ou moins de la position centrale de l' antenne.

La FCC des États-Unis stipule que cet appareil doit être en tout temps éloigné d'au moins 20 cm des personnes pendant son functionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type

LIMITED TWO-YEAR WARRANTY

Limited Warranty

Pro-Connect warrants to the original retail purchaser only ("you") that this product will be free from defects in materials and workmanship for a period of two years (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 Pro-Connect

NOTE