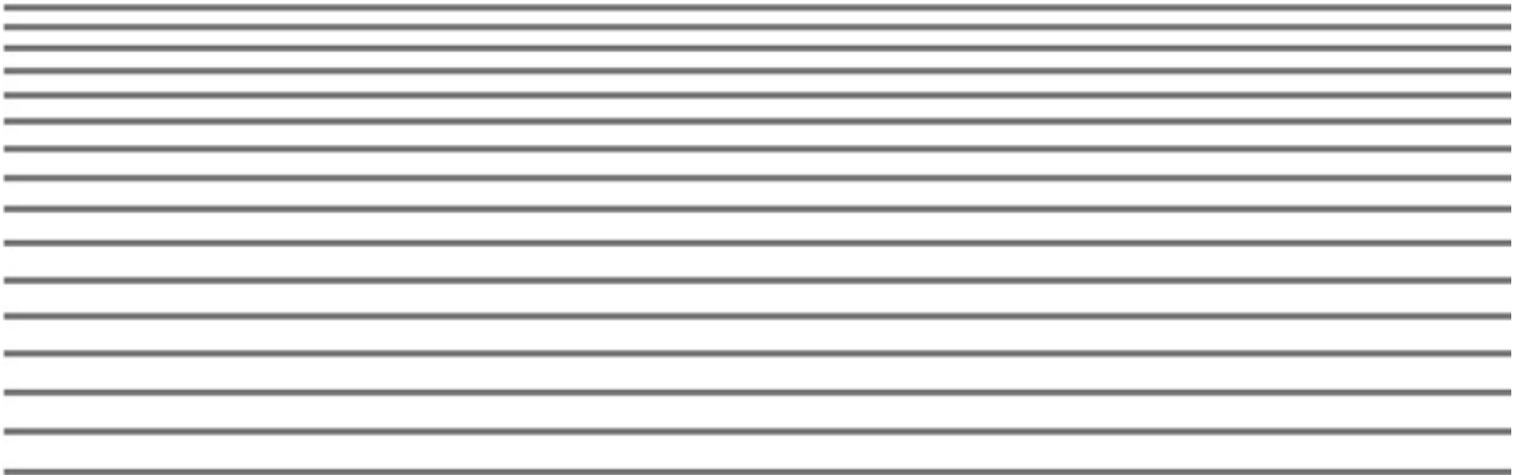




Speakers of the House Since 1976SM

Powered Soundbar
Powered Speaker-Base



Comprehensive Owner's Manual



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



CAUTION: TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT OPEN THIS PRODUCT. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



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 a risk of electric shock to persons.

IMPORTANT SAFETY INSTRUCTIONS

READ MANUAL - Read all the safety and operating instructions before the product is operated.

RETAIN MANUAL - This manual should be retained for future reference.

HEED WARNINGS - All warnings on the product and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS - All operating and use instructions should be followed.

CLEANING - The product should be cleaned only with a polishing cloth or a soft dry cloth. Never use volatile liquids since they may damage the product.

WATER AND MOISTURE - Do not use this product near water such as near a bathtub, kitchen sink, in a wet basement, or near a swimming pool, etc.

OBJECT OR LIQUID ENTRY - Do not insert any kind of object into this product through any opening as they may make contact with electrical points and result in a fire or electric shock. Avoid spilling any kind of liquid on the product.

VENTILATION - Openings in the cabinet are provided for ventilation and to protect the product from overheating, and these openings must not be blocked or covered.

HEAT - The product should be placed away from sources of heat such as radiators, stoves, or other products that produce heat. Leave a comfortable gap between this product and all other electronics in your Home Theater system.

LOCATION - This product should be installed in a stable location.

POWER-CORD PROTECTION - Power-supply cords should not be stepped on or pinched by items placed upon or against them. Pay particular attention to cords at plugs and the point where they exit from the product.

OVERLOADING - Do not overload wall outlets, extension cords, or power strips as this can result in a risk of fire or electric shock.

POWER SOURCES - This product should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your local power company.

NONUSE PERIODS - The power cord should be unplugged from the outlet when left un-used for a long period of time.

LIGHTNING - For extra protection during a lightning storm or when the product is left unattended and unused for long periods of time, unplug the power cord. This will prevent damage due to lightning and power surges.

SERVICING - Do not attempt to service this product yourself as opening the product may expose you to electric shock, or the product may be damaged. Refer all servicing to qualified service personnel.

DAMAGE REQUIRING SERVICE - Unplug this product from the wall outlet and contact a 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 product.
- If the product has been exposed to rain or water.
- If the product does not operate normally following the instructions in this manual.
- If the product has been dropped or damaged in anyway.
- When the product exhibits a distinct change in performance.

CAUTION - TO PREVENT ELECTRIC SHOCK DO NOT PLUG A CABLE INTO A WALL OUTLET, EXTENSION CORD, OR OTHER RECEPTACLE UNLESS THE METAL BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.



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.

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, 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 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.

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

We appreciate your choosing a Pinnacle speaker for use in your home. This unique Speaker will provide you with surprisingly powerful and satisfying sound from an ultra stylish & compact package. Please read this manual completely to ensure the best possible performance from your system.

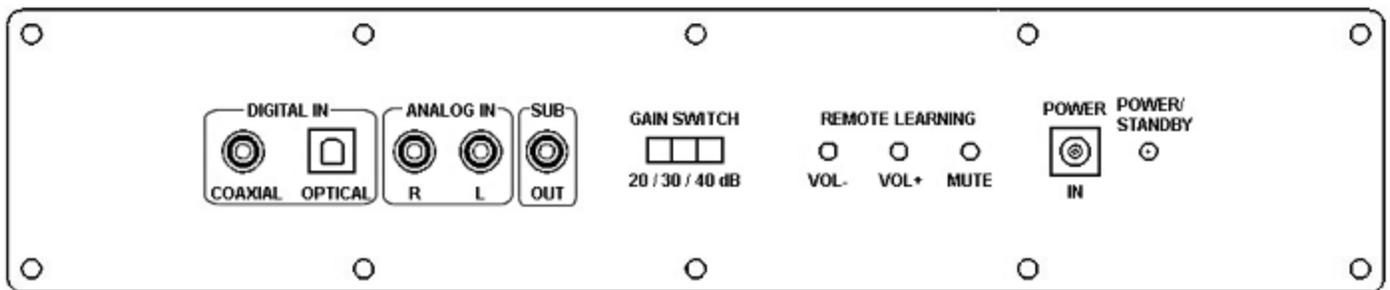
RECOMMENDED PLACEMENT:

- The location that places the Speaker at the height closest to 'ear level' (from your listening position) is best.
- Soundbar: Place horizontally, above, or just below, your TV (see mounting section towards end of manual).
- Speaker-Base: We recommend tabletop or shelf placement. If your TV is on a stand, you may place the stand on top of the Speaker-Base.

SYSTEM SETUP NOTES:

- For proper system setup, connect all video devices (Blu-ray/DVD, Cable/Satellite Box, Game Console, etc.) directly to the TV (not the Speaker), and connect the TV's audio output (digital or analog) to the Speaker.
- To switch between the Speaker's Digital & Analog inputs, press & hold the Remote Mute/Input button for 3 seconds. The Digital inputs are active when the Speaker LED is Blue; the Analog inputs are active when it is Green. If you connect the Speaker to your TV's digital output, you can then connect an audio only source (portable music player, laptop, CD player, etc.) to the Speaker's Analog inputs.
- Please note in the following Connections & Settings section, the phrase 'TV Remote' refers to any remote that you are using to control your TV's Volume & Mute functions (Cable / Satellite / Programmable, etc.).

View of Speaker Amplifier:



Features:

Coaxial Digital Input	Connects to your TV's Coaxial Digital output using an RCA cable.
Optical Digital Input	Connects to your TV's Optical Digital output using an Optical (Toslink) cable.
Analog Right/Left Inputs	Connects to your TV's Headphone or RCA outputs using included cables.
Subwoofer Output	Connects to an (optional) external Powered Subwoofer using an RCA cable.
Analog Gain Switch	Optional Gain (Volume) Adjustment for Analog Connections.
Remote Learning Buttons	Used to program the Speaker to be controlled by your TV Remote.
Power Input Jack	Connects to the included power supply.
Power / Standby LED	LED is Blue for Digital inputs, Green for Analog inputs & Red in Standby.

CONNECTIONS & SETTINGS:

- 1) If your TV has Optical or Coaxial digital audio outputs (usually located on the rear connection panel), use the included Optical or RCA cable (*just use one channel of the Stereo RCA cable*) to connect your TV's digital audio output to the Optical or Coaxial digital audio inputs on the rear of the Speaker. Check the Audio Settings section in your TV's menu system and ensure that the digital output audio type is set to PCM. Please skip to Point #7.

- 2) If your TV has a headphone output jack (usually located on the front or side), use the 1/8" to Stereo RCA connection cable to connect your TV's headphone output jack to the RCA inputs on the rear of the Speaker. In most cases, use of the headphone jack should automatically turn off your TV's internal speakers. If, after connecting the cable to your TV's headphone jack, your TV speakers remain on, please skip to Point #5; otherwise, skip to Point #6.
- 3) If your TV does not have a headphone output jack, or you would prefer to connect your Speaker to your TV's RCA audio outputs (usually located on the rear connection panel), using the included Stereo RCA connection cable, connect your TV's RCA audio outputs to the RCA inputs on the rear of the Speaker.
- 4) TV RCA audio outputs are either Variable (output level changes with TV volume setting) or Fixed (output level does not change with TV volume setting). Some TV's RCA outputs can be set to be Fixed or Variable in the Audio Settings section of your TV's menu system. If your TV has Variable, or both Variable & Fixed RCA audio outputs, please use the Variable outputs. If your TV only has Fixed RCA outputs, please skip to Point #7.
- 5) To prevent the TV's internal speakers from interfering with the Speaker's output, please find the Audio Settings section in your TV's menu system and turn off the TV's internal speakers. The TV's internal speakers must be turned 'off'; the TV volume cannot just be turned down as this would result in no output on the headphone or RCA jacks for your Pinnacle Speaker! If you are unable to turn off your TV's speakers and are connected to its RCA outputs, please try using the headphone output instead.
- 6) Connect your Speaker's power supply to the input power jack on the rear of the Speaker and to live wall power. For this connection type, you can simply continue to use your TV remote to control the Speaker's volume level and do not need to, and should not, use the Speaker remote. Depending upon your TV's output level (in the middle section of its Volume range) you may find the Speaker to be a bit too loud or too soft. If too loud, move the Speaker's Gain switch to the 20 dB position; if too soft, move the Gain switch to the 40 dB position. Please skip to the next section titled "Notes".
- 7) Install the included batteries into the Speaker remote and connect the included power supply to live wall power and to the input power jack on the rear of the Speaker. To prevent the TV's internal speakers from interfering with the Speaker's output, please find the Audio Settings section in your TV's menu system and turn off the TV's internal speakers. (If you are unable to turn off your TV's internal speakers, please try using the headphone output instead. If no headphone output is available, simply turn the TV volume all the way down and *only* use the Speaker remote to control the Speaker's volume; in this case skip to Point #9.)
- 8) To control the Speaker's volume with this connection type, you can either use the Speaker remote or program the Speaker to work with your TV remote as follows. With the Speaker active (LED Green or Blue):
 - Press and hold the Mute button on the rear of the Speaker until its power LED goes out.
 - On the rear of the Speaker, press the Speaker function button (Volume-, Volume+ or Mute) that you want to program. The LED turns Red.
 - Point your TV remote at the front of the Speaker and press the appropriate function key on your TV remote. If programming is successful, the Speaker LED should turn Green.
 - Repeat the steps above until all three TV remote functions are programmed into your Speaker.
 - Test all functions, if any fail to work properly repeat the steps above for that function. Depending upon your TV model, a quick remote button press may work better than pressing & holding a remote button. If, after repeated programming attempts, no functions work correctly, we suggest you try programming your Speaker using a different (or the included) remote.
- 9) If you connected your Speaker to your TV's Fixed RCA outputs, depending upon your TV's output level, you may find the Speaker to be a bit too loud or too soft. If too loud, move the Speaker's Gain switch to the 20 dB position; if too soft, move the Gain switch to the 40 dB position.

NOTES:

- If you are not hearing any audio from your Speaker, ensure that the power supply is connected to a live wall outlet (Amp & Power Supply LEDs should be on) and that the proper Speaker input is selected (see the 2nd bullet under System Setup Notes.)
- If you have connected your Speaker to your TV's digital output and do not hear any audio, please set your TV's digital audio output type to 'PCM' using the TV's menu system. If you are unable to set your TV's digital audio output type to PCM, please connect the Speaker to the TV's Headphone or Variable RCA outputs. If you are not hearing any audio only when listening to a non-TV source (Blu-Ray player, gaming console, etc.), you may additionally need to set the source's audio output type to 'PCM' using the source's menu system.

OPTIONAL EXTERNAL SUBWOOFER:

If you would like to hook-up an external Powered Subwoofer, connect it to the Sub Out jack on the rear of the Speaker using an RCA cable. Please note, this will not affect the function of the built-in powered subwoofer in the Speaker-Base.

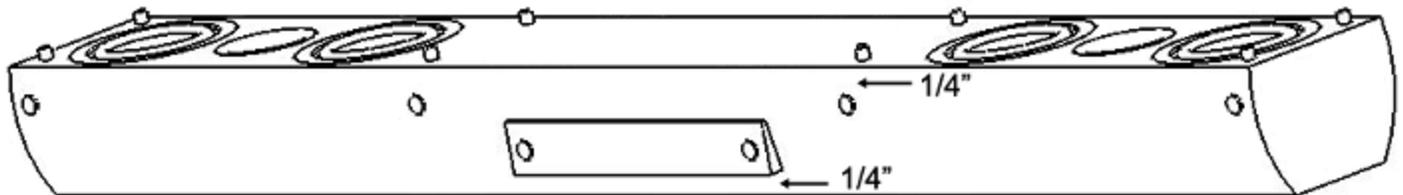
OVERLOAD PROTECTION:

One special feature of this Speaker is an overload protection circuit designed to help protect the Speaker from accidental overload. This protection circuit will automatically attenuate the overall output of the Speaker when it senses excessive volume level. If you hear this protection circuit engaging (and it will be obvious when this occurs), please turn down the volume. Your Speaker will quickly return to its normal operation.

SOUNDBAR MOUNTING:

SHELF PLACEMENT:

To enable placement on a flat surface, you will need to use the included pedestal and rubber pads. Place (4) of the included rubber pads a 1/4" from the front of the cabinet on the bottom of the Soundbar. Remove the backing from the adhesive tape on the top of the pedestal and attach the pedestal to the bottom of the cabinet a 1/4" from the rear.



PIVOT BRACKET WALL MOUNTING:

You may wall mount your Soundbar with Pivot Brackets using the threaded inserts on the rear of the cabinet. Be sure to use (2) Pivot Brackets with 1/4-20 type threads and a weight capacity of at least 7 pounds each.

FLUSH WALL MOUNTING:

Please note: The hanging methodology employed with this product is intended for mounting on walls of standard construction, which includes most residential and business office environments. Such environments are constructed with wooden studs behind the walls that will securely accept the enclosed screw. If you do not notice resistance behind the wall when drilling the pilot hole, you probably do not have a stud in that location and will then need to use the enclosed wall anchor.

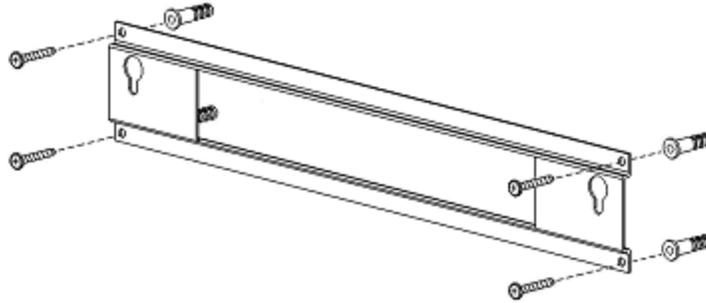
TOOLS REQUIRED:

#2 Philips head screwdriver bit or hand screwdriver.

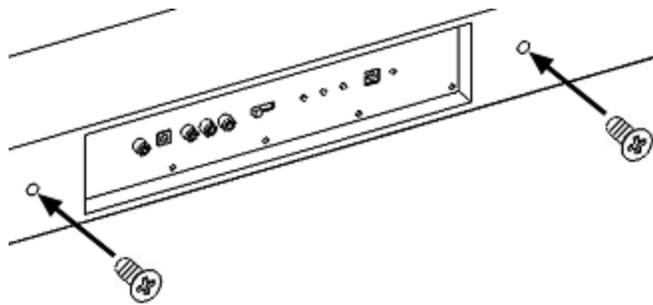
Drill - electric or cordless, with 1/8" & 5/16" bits.

INSTRUCTIONS:

- 1) Place the Soundbar on the wall, oriented horizontally, at the desired mounting location.
- 2) Make a small mark on the wall at the top center of the rear of the cabinet.
- 3) Remove the Soundbar from the wall.
- 4) Place the mounting bracket on the wall, level, with the outer flanges of the mounting bracket touching the wall.



- 5) Align the mounting bracket so that the mark on the wall is at the top center of the mounting bracket.
- 6) Mark the locations for the mounting bracket's four corner mounting screws on the wall. Remove the mounting bracket from the wall.
- 7) Using a drill with a 1/8" bit if mounting into a stud, or a 5/16" bit (and then inserting the included wall anchors) where there is no stud, drill a 2 1/4" deep pilot hole at each of the mounting screw hole marks on the wall. Pre-tapping the wall with a nail or punch will ensure a better grip for the drill bit as it enters the wall.
- 8) Place the mounting bracket back on the wall, oriented as shown above, lining up the mounting screw holes of the mounting bracket with the holes on the wall. Screw the mounting screws fully into the wall anchors or stud. Be sure the screws are inserted straight (perpendicular with wall and parallel with floor) and are securely mounted. The mounting bracket should now be securely attached to the wall.
- 9) Screw both mounting bolts securely to the cabinet.



- 10) Position the speaker over the mounting bracket, and visually line-up, then insert the two mounting bolt heads into the keyhole cutouts in the mounting bracket. Slowly lower the speaker approximately 1/2" until it comes to a rest; the speaker should now be secure. If the bolt heads do not slide down the keyhole notches, you may need to unscrew them a little (1/4 - 1/2 a turn) to enable the screw heads to fully pass through the keyhole openings.

LIMITED WARRANTY:

WHAT IS COVERED: The amplifier(s), driver(s) and all assembly and construction aspects are covered by this warranty, from the date of original purchase, for a period of three (3) years. The warranty covers all necessary parts and labor to return the speaker to proper working order. Cabinet surfaces, grille assembly, and other exterior parts subject to normal wear and tear are not covered except where an inherent structural defect becomes evident. Parts replacement and labor will be performed at the discretion of the company (Pinnacle Speakers) and will be provided free of charge unless (in the opinion of our service department, service representatives, or engineering department) the speaker system has failed due to abuse or negligent operation. Any latent defect attributable to error in manufacture will always be covered by this warranty.

WHAT IS NOT COVERED: This warranty will be void and no free services performed if we or any party acting as our agent determines that the speaker system in question has had any of its loudspeaker elements (woofer, midrange, tweeter, etc.) or internal circuitry removed or tampered with in any way whatsoever without express prior authorization from Pinnacle. Furthermore, if the speaker system is not found to be defective a service charge will be levied. In either case the minimum charge will be \$30. An additional charge will be applicable for same day service if requested (subject to feasibility). This charge will always be in effect even if the actual parts and labor are covered by this warranty. Any damage caused to the speaker system from improper use is not covered by warranty. Pinnacle Speakers reserves the right to make the final determination of whether or not a particular speaker system has been damaged by abuse or excessive overload.

TO OBTAIN SERVICE: To obtain service under this warranty, either contact your Pinnacle® dealer or us directly at service@pinnaclespeakers.com. If you ship your speakers you are responsible for packing and shipping insurance. The freight must be prepaid. We will, however, pay return freight charges on any returned speaker that qualifies for in-warranty service. Sorry, we cannot accept any collect freight charges. You must include a note, attached to the unit, with your name, phone number and/or email address, and return shipping address (no Post Office boxes), indicating the nature of the problem you are experiencing. For warranty service you must also include a copy of your sales receipt. If the speaker returned to us or our agents for service proves not eligible for warranty repairs or is not found to be defective, then you will have to pay return freight charges. Please be sure to pack any items you ship us carefully since we cannot be held responsible for damages incurred during shipping. This warranty may be transferred to a subsequent owner. **SAVE THIS WARRANTY AND YOUR SALES RECEIPT. YOU MAY NEED THEM TO OBTAIN SERVICE UNDER THE PROVISIONS OF THIS LIMITED WARRANTY.**



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