

To Achieve Greatness, You Need to Have Backbone

Introducing the Monster Power Backbone™

To achieve serious home theater, you need stable, clean power with lots of headroom. Like the rhythm section of your favorite band, this is the “backbone” of your audio/video system. Without a proper backbone, your electronics won't be able to achieve all the performance you paid for. The Monster Power Backbone delivers serious home theater with four powerful components: Monster's AVS2000 Automatic Voltage Stabilizer™ corrects voltage irregularities and provides stable power. Monster's HTPS7000 Home Theatre Reference PowerSource™ filters “dirty” AC power and provides clean power for better sound and picture. Monster Home Theatre Music™ Reference Power Amplifiers provide all the power needed to drive your speakers without distortion or noise, even at the highest playback levels. You'll hear every nuance of your favorite movies and music the way the director or artist intended you to hear it. To learn more about the Monster Power Backbone or the importance of high performance cables, please visit: www.MonsterPower.com and www.MonsterCable.com.

MONSTER POWER® AMPLIFICATION

Monster Home Theatre Music™ Reference Power Amplifiers Feature:

EXCLUSIVE MONSTER MIRRORED AMPLIFIER TECHNOLOGY (MMAT™)

- Outperforms ordinary amplifiers by ensuring lower distortion and greater clarity even at maximum volume levels.

BALANCED COMPLEMENTARY PUSH-PULL INPUT STAGE

- This feature is found on only the best amplifiers to deliver the ultra-wide bandwidth performance necessary for the best reproduction of high-resolution DVD-Audio and Super Audio CD formats.

SEPARATE POWER SUPPLIES

- Unlike AV receivers that may use only one power supply that can cause power sags, Monster Power amplifiers provide separate toroidal power supplies ensuring optimal power delivery even when all channels are driven simultaneously.

LOADS OF POWER

- Ordinary AV receivers or HTIBs (home theater in a box) don't have the power necessary to reproduce the audio the film director intended. Monster Reference Home Theatre Music Power Amplifiers deliver up to 250 watts of continuous power, all channels driven, into 8 ohms—400 watts continuous, all channels driven into 4 ohms—and up to 900 watts per channel peak power.

EASY-TO-READ DIGITAL MONSTER TRUE POWER METERS™

- Fast, peak-reading digital power meters display ACTUAL power output and dynamic range.

BALANCED INPUTS

- Unbalanced inputs found on most AV receivers are susceptible to noise. Monster Power amplifiers also have balanced inputs to eliminate ground-based noise for cleaner, more accurate sonic reproduction.

MONSTER CLEAN POWER™

Monster Home Theatre Reference PowerSource™ HTPS 7000

PURE POWER™—THE HIGHEST LEVEL OF MONSTER CLEAN POWER

- Five separate filters designed to eliminate audio and video graininess and harshness in your home theater system.

DIGITAL SPECIFIC ISOLATION

- Filters are tuned to eliminate the higher frequencies of “noise” that are prevalent in digital products today. (DVD Players, CD Players, Digital Satellite, etc.).

BALANCED POWER

- Designed to eliminate problems caused by separately grounded audio and video components such as 60-cycle buzz and video “hum” bars.

MASSIVE 3145 JOULE SURGE RATING

- Strong enough to handle the most powerful of surges to your delicate home theater system/electronics.

MONSTER VOLTAGE STABILIZATION

Automatic Voltage Stabilizer—AVS 2000

- Provides the consistent 120-volt output your electronics depend on even when your home's AC power fluctuates anywhere from 80 to 140 volts.

PROTECTION

- Automatically protects connected equipment in the event of extended over-voltage. Also protects equipment during post-blackout instability. Safely disconnects connected equipment when voltage falls out of range (80-140v).

PERFORMANCE

- Unstable power affects signal-to-noise ratio, taxes your amplifier's power, shortens product life and forces your TV to struggle to maintain its geometry and alignment.



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CENTRA™ STREAMLINE™ CENTER CHANNEL 2400
OWNER'S GUIDE



Noel Lee

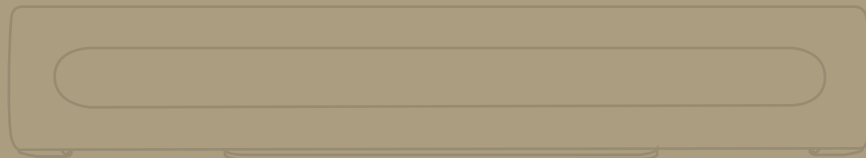
A Note from Noel Lee

THANK YOU for purchasing my M·DESIGN Centra™ StreamLine Center Channel 2400. And welcome to the exciting world of M·Design Centra, where high technology never looked this good. Your new Centra StreamLine Center Channel is designed to perform spectacularly in an ultra-high performance home theater music system, while also handsomely complimenting your home décor.

Unlike conventional speakers, the Center Channel 2400 is intended to enhance your home décor with a warm yet modern look. The high-gloss hardwood finish and shaped aluminum accents match Centra Audio/Video Consoles, Subwoofers and StreamLine Tower and Surround sound systems. Plus, your Center Channel 2400 features advanced, patented speaker technology making them sound absolutely incredible. We designed them with a variety of sound-enhancing components such as titanium inverted dome drivers with highly-responsive neodymium magnets, silk-diaphragm line source tweeters and internal wiring with high performance Monster Cable®.

This guide outlines how to properly position and hook-up your new center channel for the best possible performance. Your Centra StreamLine Center Channel 2400 puts you right in the middle of the action. Your favorite movies and music will come alive with a clarity and rich detail only M·Design can deliver.

Noel Lee
Head Designer, M·Design



Important Safety Precautions

Please read and observe the following safety points at all times:

Power Sources

- ⚠ Do not plug your AV system into a power outlet other than a properly grounded 110 volt AC outlet. (For best results, Monster Power voltage stabilization, surge protection and power conditioning products are highly recommended).
- ⚠ Power surges and spikes can enter your system through the AC power cords and damage your main AV system via speaker cables. We highly recommend connecting your entire AV system, including all AC power adaptors, through surge protection products.

Power Cord Safety

- ⚠ Do not create a trip hazard with speaker or power cables. When routing cords or cables, do not place near heavy foot traffic areas (e.g., hallways, doorways, or kitchen floors).
- ⚠ If a power cord begins to rip or fray—exposing the internal wiring or shielding—disconnect it from the power source and discontinue use of product until replaced.

Avoiding Electrical Shocks

- ⚠ Do not operate Centra StreamLine Center Channel if liquid of any kind is spilled on or inside it.
- ⚠ Do not operate Centra StreamLine Center Channel in a place where it might be exposed to water (e.g., patio, outdoors).

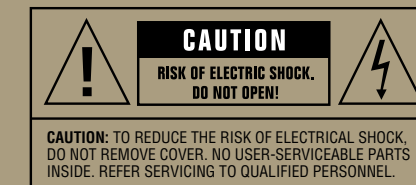
Storm Precautions

- ⚠ In the event of a lightning storm, immediately disconnect all A/V equipment from their AC outlets.

Exposure to Heat

- ⚠ Do not expose your Centra StreamLine Center Channel 2400 to direct sunlight or place near wall heaters, space heaters, or any enclosed space prone to temperature increases

No User Serviceable Parts Inside



If, for any reason, your Centra StreamLine Center Channel 2400 is not operating properly, do not disassemble or remove any part of the unit for repair. Instead, consult the included Warranty sheet.

For more information visit: www.MDesignLife.com.

Care and Maintenance

Placement

- Avoid placing in an area with extended exposure to direct sunlight. Ultraviolet rays can cause fading, darkening and/or create hairline cracks in the finish.
- Avoid placing near heaters, air conditioners, humidifiers, fireplaces or space heaters. Exposure to extreme temperature variation can damage wood.

Protection

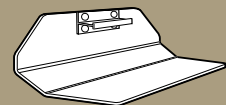
- The high-gloss finish of the StreamLine Center Channel's hardwood veneer offers it some protection, but avoid contact with hard surfaces to reduce the chance of damage.

Cleaning

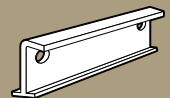
- Dust often to remove abrasive particles from the surface.
- Slightly dampen a clean, lint-free cotton cloth and wipe down the wood trim to catch dust and avoid scratches. Do not let any moisture remain on the wood's surface.
- Do not polish excessively—only two or three times a year to avoid build-up.

Setup and Installation

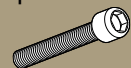
Included Hardware



Pedestal Mount
1 pc



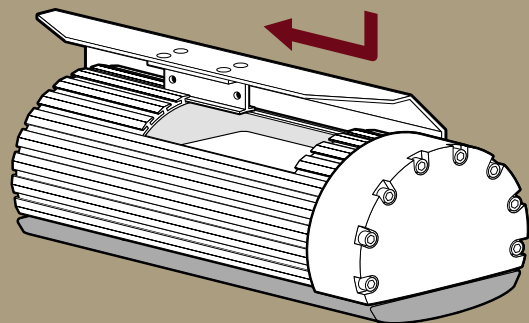
Tension Bracket
1 pc



Tension Bracket
Allen Screws
2 pc



Hex/Allen
Wrench
1 pc



STEP 2

Slide Pedestal Mount Into StreamLine Center Channel Mounting Slots

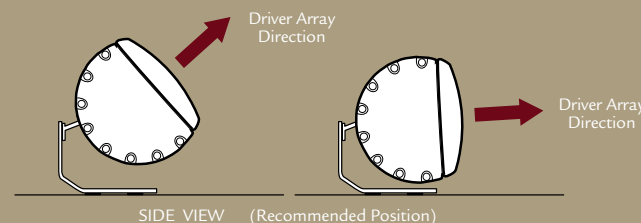
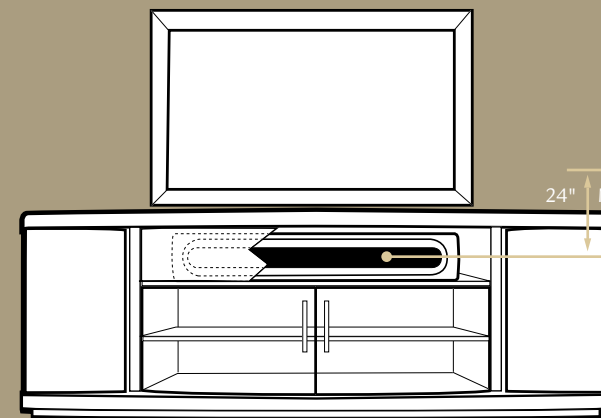
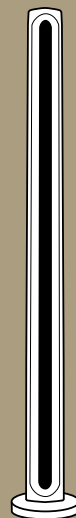
Before sliding Pedestal Mount onto the StreamLine Center Channel speaker, be sure all binding posts are screwed down fully to avoid damaging the posts or blocking the slots the Pedestal Mount slides into.

Slide the Pedestal Mount into the center groove on the back of the speaker as shown. Do not secure with Tension Bracket and screws yet as you may want to adjust the direction of the speaker driver array (Step 3).

STEP 1

Vertical Positioning of Your StreamLine Center Channel 2400

To maintain sonic performance across the front soundstage, the center channel vertical height positioning is crucial. When placing the Center Channel, the center line of the speaker should not be more than 24" from the center line of the front left and right speakers, as shown.



STEP 3

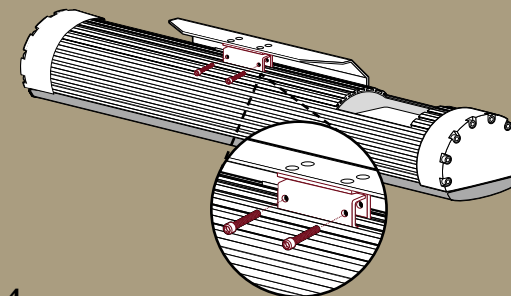
Adjust Driver Array Direction

Set the StreamLine Center Channel (with Pedestal Mount attached) on a flat, stable surface (such as the top of a console that sits immediately under your television). The vertical "tilt" angle of the Center Channel can be adjusted by removing the Pedestal Mount and re-inserting into different channels on the back of the speaker as shown. Make sure the driver array is facing out and pointing towards the listening/seating position in your room.

STEP 4

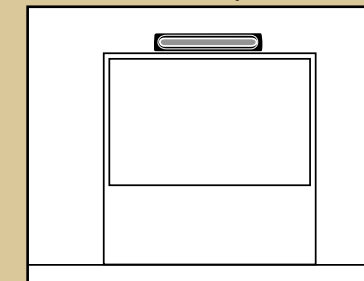
Secure Pedestal Mount and Tension Bracket to StreamLine Center Channel

Once you have adjusted and positioned the StreamLine Center Channel to your liking, slide the Tension Bracket up the first groove, located to the left of the Pedestal Mount. Align Pedestal Mount and Tension Bracket screw holes and secure tightly with provided screws and Hex/Allen wrench as shown.



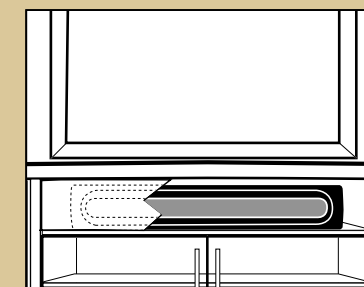
Mounting Options

Placed on Top of TV



You can place your StreamLine Center Channel on top of your TV if it has enough flat space on top for proper support.

Placed on Surface Below TV



You can also place your StreamLine Center Channel inside your Centra Audio/Video Console on the top shelf above the center cabinet.

Connections to Your Amplifier or Receiver

Standard or Bi-Wire Connections

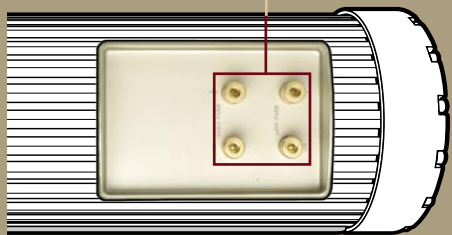
The Centra StreamLine Center Channel 2400 includes, 24k gold binding posts that support both standard or bi-wire speaker cable connections. Bi-wiring your speakers allows for greater high and low frequency separation, resulting in more articulate, detailed sound reproduction.

We recommend that you terminate your speaker cable with one of the following connection types: spades, bananas, straight/angled pins, or flexible tips.

Avoid unnecessary corrosion: Always terminate your speaker cable with connectors and DO NOT use bare speaker wire.

Note: Not all amplifiers, processors or AV receivers utilize the same speaker cable connection types.

For proper hookup of your speakers to your amplifier, processor or AV receiver, please refer to your products' owner's manual(s).

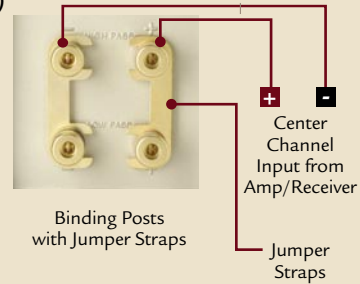


Connecting Speaker Cables to StreamLine Center Channel 2400

Standard Hook-up (Non Bi-Wire)

For standard (non-bi-wired) systems, connect your cables to the upper terminals and use the supplied jumper straps between the lower and upper terminals. To install jumper straps, turn binding posts counter-clockwise until loose enough to place straps around posts. To secure straps, turn binding posts clockwise until tight.

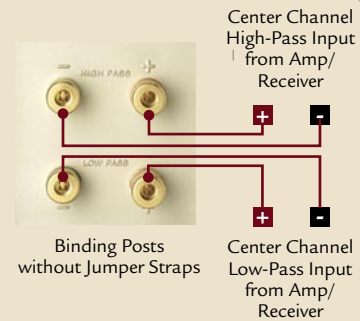
Tip: Be sure to connect the positive (+) red terminal to the same positive (+) red terminal on amp or receiver. Repeat with negative (-) black terminals.



Bi-Wire Hook-up

When bi-wiring your system, connect your high-pass cables to the upper terminals and the low-pass cables to the lower terminals. (Remove supplied jumper straps).

Tip: Make sure to use high performance Monster® Speaker Cables with 24k gold contact connectors for best sound possible.



Calibrating Your StreamLine Sound System

The calibration settings for your Centra StreamLine Sound System are controlled through your AV receiver or processor. Before proceeding, please read through your AV receiver or processor manual to familiarize yourself with how these settings work.

There are typically several calibration options to choose from when setting up a multi-channel audio system. Selecting the "right" option is entirely up to you based on your listening tastes (and can be changed at any time). Based on your speaker placement and type of playback material, speaker settings in your AV receiver or processor should be made accordingly (consult your receiver/processor manual for specifics).

Please note that if your system includes an SACD or DVD-Audio player using the six (6) channel outputs, you must set speakers settings in your player as well.

Optional Enhancements to Create the Best Possible Home Theater Experience

(each sold separately; visit www.MDesignLife.com for details)

Centra Audio/Video Consoles & Component Towers

From complete, plasma-ready consoles to audio component towers with optional integrated power conditioning, Centra Consoles and Towers add the finishing touch to your ultra-high performance home theater system. Hardwood veneers, aluminum accents and attractive design all handsomely compliment your Centra StreamLine Surround 2400 and your existing décor.



Centra™ M•Bass 1000 High Performance Subwoofer

Complete your ultra-high performance home theater music system with Centra M•Bass 1000 Subwoofers. Featuring a rigid 10" cone and ultra-long 3" voice coil driven by powerful 500 Watt amplifier, you'll enjoy all the clean, tight bass your movies and music have to offer.



Monster® Speaker Cable and Interconnects

For over 25 years, Monster has painstakingly designed and engineered speaker cables and interconnects that are used worldwide by audiophiles and home theater enthusiasts for quality audio hookup between components and speakers. This technology is available to you, so that you can get the best possible performance from your home theater.



Monster Power®

Protect and optimize the performance of all your audio and video components with Monster Power voltage stabilizers, power conditioners and amplifiers. Not only will you save your components from potentially hazardous spikes and surges, you'll also enhance their ability to perform by providing them with stable, clean power. View Monster's ultimate Power Backbone system on the back cover of this guide.

