

## 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 of the performance you paid for. The Monster Power Backbone delivers serious home theater with four powerful components: Monster’s AVS 2000 Automatic Voltage Stabilizer™ corrects voltage irregularities and provides stable power. Monster’s HTPS 7000 Home Theater Reference PowerSource™ filters “dirty” AC power and provides clean power for better sound and picture. Monster Home Theater 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](http://www.MonsterPower.com) and [www.MonsterCable.com](http://www.MonsterCable.com).

### MONSTER POWER® AMPLIFICATION

Monster Home Theater 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 COMPLIMENTARY 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’s director intended. Monster Reference Home Theater 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

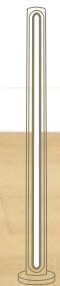
- Provides the consistent 120 volt output your electronics depend on even when your home’s AC power fluctuates anywhere from 80 to 140 volts.

#### 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.



CENTRA™ STREAMLINE™ TOWER 7200  
OWNER'S GUIDE

M·Design  
7251 Lake Mead Blvd., West  
Las Vegas, Nevada 89128 · U.S.A.  
Call us toll-free: 866-563-6388  
E-mail: [customerservice@mdesignlife.com](mailto:customerservice@mdesignlife.com)  
[www.MDesignLife.com](http://www.MDesignLife.com)



© M-Design 2004. “M-Design”, the M-Design logo, Centra, the M-Design Centra Logo, “StreamLine”, “Home Theater Audio/Video Consoles and Component Tower”, and “Monster True Power Meters” are registered and unregistered trademarks of M-Design. Other names, logos and marks are trademarks or registered trademarks of their respective holders. M-Design products are designed in the U.S.A. and manufactured to M-Design specifications and quality in China. Product specifications subject to change without notice. Images and illustrations in this guide may vary from actual product purchased.



Noel Lee

## A Note From Noel Lee

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

Unlike conventional speakers, the StreamLine Towers are intended to enhance your home décor with a warm, yet modern look. The high-gloss hardwood veneer and shaped aluminum accents match Centra Audio/Video Consoles, Subwoofers, StreamLine Surround and Center Channel sound systems. Plus, your StreamLine Towers feature 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 Towers for the best possible performance. With Centra StreamLine Towers, you'll capture that elusive magic that makes movies and music not only great entertainment, but an exciting part of your life.

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 AC outlet. (For best results, Monster Power voltage stabilization, surge protection and power conditioning products are highly recommended).
- ⚠ Power surges and spikes can damage your main AV system through the AC power cord and enter your StreamLine Tower via the speaker cable. 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 cables. When routing cords or cables, do not place near heavy foot traffic areas (e.g., hallways, doorways, or kitchen floors).
- ⚠ If A/V system power cords begin to rip or fray—exposing the internal wiring or shielding—disconnect it from the power source and discontinue use of Towers immediately until replaced.

### Avoiding Electrical Shocks

- ⚠ Do not operate Centra StreamLine Towers if liquid of any kind is spilled on or inside them.
- ⚠ Do not operate Centra StreamLine Towers in places where they 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, including equipment connected to your Centra StreamLine Towers.

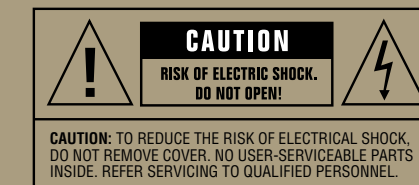
### Exposure To Heat

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

### WARNING: TIP-OVER DANGER

- ⚠ Caution: Towers are heavy and tall, and while designed to be stable, may fall over and cause serious personal injury or damage if placed in high traffic areas.

### No User Serviceable Parts Inside



If for any reason your Centra StreamLine Towers are not operating properly, do not disassemble or remove any part of the unit for repair. Instead, unplug and consult the included Warranty sheet.

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

## Care and Maintenance

### Placement

- Avoid placing in an area with extended exposure to direct sunlight. Ultraviolet rays can cause fading, darkening 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 Tower's hardwood veneer surface offers them some protection, but avoid contact with hard surfaces to reduce the chance of damage.

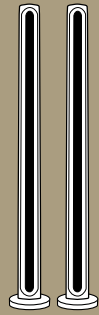
### Cleaning

- 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

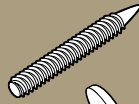
StreamLine Towers  
2 pcs



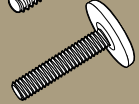
Nuts  
(8 pcs/4 per Tower)



Tower Base Spikes  
(8 pcs/4 per Tower)



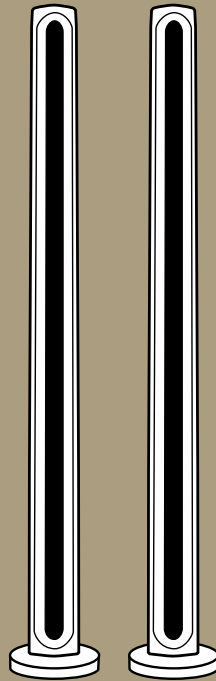
Tower Base Rubber Feet  
(8 pcs/4 per Tower)



Binding Post Jumper Straps  
(4 pcs/2 per Tower)



**WARNING:** Each Tower comes with the option of installing either spikes or rubber feet that need to be screwed into the bottom of the base of each Tower. The spikes are sharp, so please use care when moving Towers to avoid injury or scratching/damaging your flooring. Spikes or rubber feet can be removed by unscrewing them from the base of each Tower.

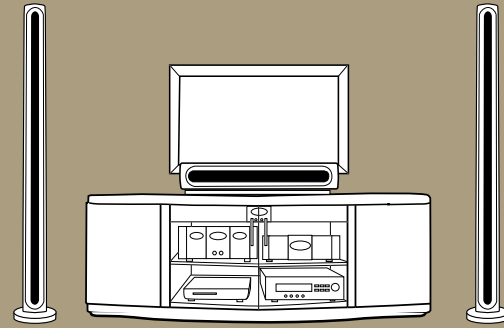


### STEP 1

#### Unpacking and Placing Your StreamLine Towers

Unpack the Towers carefully to avoid damage. Jumper straps are pre-installed on each Tower's binding posts.

Lay each Tower on the floor and attach either rubber feet or spikes to bottom of base. Screw each spike or rubber foot in tightly. At a minimum, use of rubber feet is highly recommended. Use supplied nuts to adjust height and to further secure spikes or rubber feet to base.



### STEP 2

#### Placing Towers in the Room

Be sure to place Towers at equal distance on either side of the video monitor, and at a distance equal to the distance from the Center Channel speaker to the center of the listening area. (On an arc, not a line.) If Towers are being used as surround speakers, also place them on an arc at the same distance from the center of the listening area as the front Towers.

Make sure that each Tower's driver array is pointed in toward the center of the listening area.

**WARNING:** DO NOT place Towers in high traffic areas. Also, do not drag the Towers across floors to avoid damage caused by positioning spikes. Doing so may cause serious damage to floors.

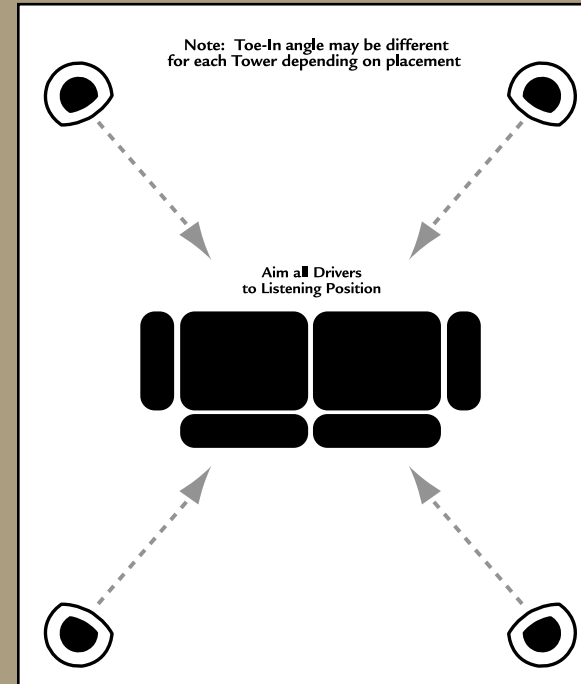
See "Positioning StreamLine Towers" for additional details on Tower positioning and adjustment.

## Positioning StreamLine Towers

Centra StreamLine Towers should be angled, or "toed in," towards the listening position for optimum sound. To do so:

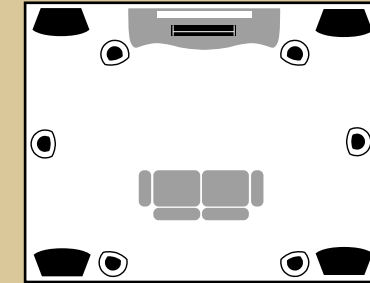
1. Orient one Tower such that its tweeter array (the line of small speakers set behind the perforated metal speaker grille) is pointed directly towards the listening area. The Towers' rounded face should be facing the opposite side of the listening area, with the main speaker array angled more towards the listener side.
2. "Toe in" all other Towers such that the front two (and, separately, back two, if you have them) are positioned symmetrically, meaning that by your best estimation they are angled to "mirror" each others' position.

**Note:** It takes new speakers about 100 hours to "break in," i.e. provide the smoothest and most coherent sound.



## Room Placement Guidelines

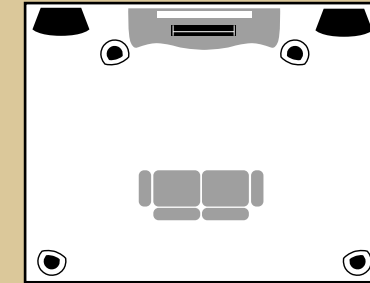
### Ultimate Reference System



#### Centra 7.1 StreamLine Tower System

This is the ultimate setup in home theater: six StreamLine Tower speakers, a StreamLine Center Channel with matching drivers and four M-Bass 1000 subwoofers. Home theater just doesn't get any more serious than this.

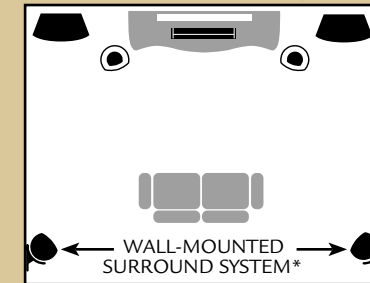
### Mid-Level Reference System



#### Centra 5.1 StreamLine Tower Mid-Level Reference System

Excellent home theater sound reproduction can also be obtained by using two StreamLine Towers for front left and right, a StreamLine Center Channel with matching drivers, two StreamLine Towers as left and right rears and two M-Bass 1000 subwoofers. Any passionate home theater music fan would love this system.

### Home Theater Music System



#### Centra 5.1 StreamLine Tower Home Theater Music System

Still outstanding home theater sound can be obtained by using two StreamLine Towers for front left and right, a StreamLine Center Channel with matching drivers, left and right wall-mounted StreamLine Surrounds and two M-Bass 1000 Subwoofers. This system will still amaze your friends.

\*Streamline Center Channel, Surrounds & Subwoofers Sold Separately

## Connections to Your Amplifier or Receiver

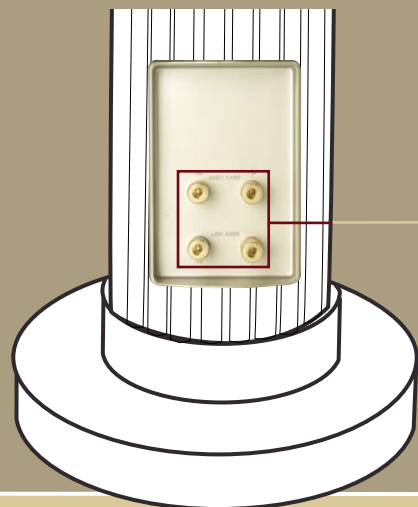
### Standard or Bi-Wire Connections

Centra StreamLine Towers include 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: bananas, spades, 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).

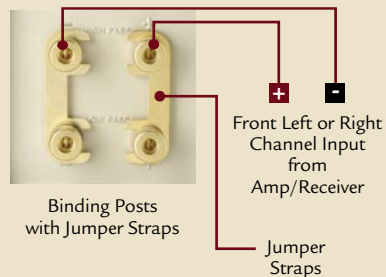


### Connecting Speaker Cables to Streamline Towers

#### Standard Hook-up (Non Bi-Wire)

For Tower (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.

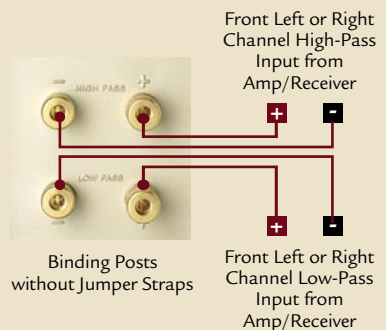
*Tip: Be sure to connect the positive (+) red Tower terminal to the same positive (+) red terminal on amp or receiver. Repeat with negative (-) black terminals.*



#### 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 the 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 centralized 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).

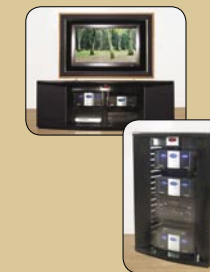
Please note that if your system includes an SACD or DVD-Audio player using the six (6) channel outputs, you must set speakers settings in your player as well.

## Optional Enhancements to Create the Best Possible Home Theater Experience

(each sold separately; visit [www.MDesignLife.com](http://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 Audio/Video Consoles & Component Towers add the finishing touch to your ultra-high performance home theater system. Hardwood veneers, aluminum accents and attractive design all handsomely compliment your StreamLine Towers 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.

