

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 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 lesser 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 ON EACH CHANNEL

- Unlike AV receivers that may use only one power supply that can cause power sags, Monster Power amps provide separate toroidal power supplies for each channel. This ensures 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 an experience the film's director intended. Monster Home Theatre Music amps deliver 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 POWER METERS

- Fast, accurate digital power meters monitor actual power output and dynamic range.

BALANCED INPUTS

- Unbalanced inputs found on most AV receivers are susceptible to noise. Monster Power amps 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

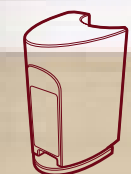
- Automatically protects connected equipment in the event of extended over-voltage. Also protects equipment during post-blackout instability. Safely disconnects connected equipment when voltage falls out of range (80-140v).

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.



M•DESIGN
Eleganza™



ELEGANZA™ STREAMLINE™
BASS MODULE 1000
OWNER'S GUIDE



Noel Lee

A Note From Noel Lee

Welcome to the exciting world of M•Design Eleganza – where you don't have to compromise your aesthetics to obtain serious home theater. Your new Eleganza StreamLine Tower Bass Module 1000 is designed to perform spectacularly in your home theater music system while also fitting in beautifully with your Eleganza StreamLine Tower.

Unlike conventional subwoofers, the Eleganza StreamLine Tower Bass Module 1000s are designed to *enhance* your home décor by not intruding into your room. Not only are the Bass Modules designed to blend into the design of the StreamLine Towers, they also contain advanced speaker technology making them both look and sound great. They sport many features such as 250 Watt amplifiers, a 10 inch side-firing driver, highly-responsive neodymium magnets and internal wiring with Monster Cable.

This setup guide outlines how to properly position, hook-up and adjust your new Eleganza StreamLine Tower Bass Module 1000s for the highest performance. I hope you enjoy your new Bass Modules and that they help enhance the “home” in your home theater.

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 Eleganza Powered Subwoofers, Bass Modules or system into a power outlet other than a properly grounded 110 volt AC outlet. (For better results, Monster Power voltage stabilization, surge protection and power conditioning products are *highly* recommended).
- ⚠ Power surges and spikes can enter your subwoofer through the AC Power Cord and damage your main A/V system via the interconnect cable. We highly recommend using a surge suppressor designed for subwoofers on each amplified subwoofer in your system.

Power Cord Safety

- ⚠ Do not create a trip hazard with the power cord. When routing the AC power cord, do not place it near heavy foot traffic areas (e.g., hallways, doorways, 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 the subwoofers or bass modules immediately until replaced.

Avoiding Electrical Shocks

- ⚠ Do not operate Eleganza Powered Subwoofers or Bass Modules if liquid of any kind is spilled on, or inside the unit.
- ⚠ Do not operate Eleganza Powered Subwoofers or Bass Modules in places where they might be exposed to water (e.g., patio, bathroom, kitchen).

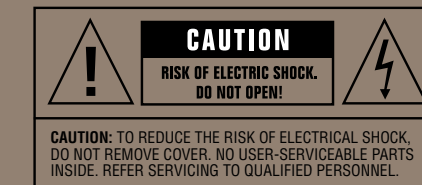
Storm Precautions

- ⚠ In the event of a lightning storm, immediately disconnect all A/V equipment from their AC outlets, including your Eleganza Powered Subwoofers or Bass Modules

Exposure To Heat

Do not expose your Eleganza Powered Subwoofers or Bass Modules to direct sunlight or place near wall heaters, space heaters, or any enclosed space prone to temperature increases.

No User Serviceable Parts Inside



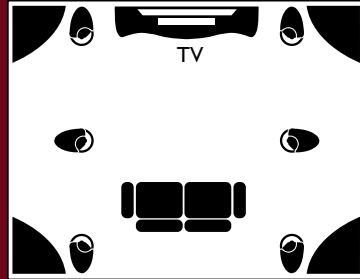
If, for any reason, your Eleganza Powered Subwoofers or Bass Modules are not operating properly, do not disassemble or remove any part of the unit for repair. Unplug the subwoofer and consult the **Warranty** sheet included with your product.

For more information, visit: www.MDesignLife.com.

Room Placement Guidelines

Although it is possible to use the Eleganza Bass Module 1000s as standalone subwoofers, we recommend using them to extend the StreamLine Tower Speakers bottom-end frequency range to "full" range. For the best home theater performance, we recommend using one or more Eleganza subwoofers in your system in addition to your Bass Modules:

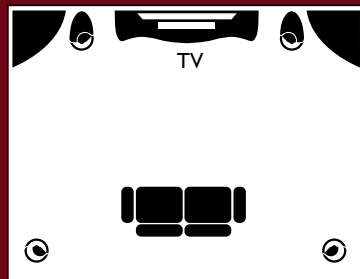
Reference System



Eleganza 7.1 Ultimate Reference System

This is the ultimate reference home theater: six StreamLine Tower speakers each with a Bass Module for full range reproduction, a StreamLine Center Channel with matching drivers and four Godfather subwoofers. Home theater just doesn't get any more serious than this.

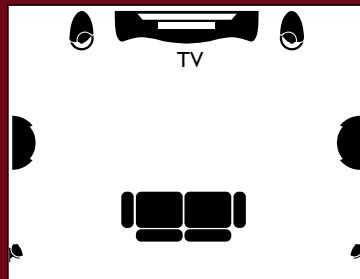
Two-Sub System



Eleganza 5.1 Mid-Level Reference System

Excellent, reference-level home theater sound reproduction can also be obtained by using two StreamLine Towers for front left and right – each with a Bass Module for left full range reproduction – a StreamLine Center Channel with matching drivers, two StreamLine Towers as left and right rear surrounds and two Godfather subwoofers. Any passionate home theater or music fanatic would love this system.

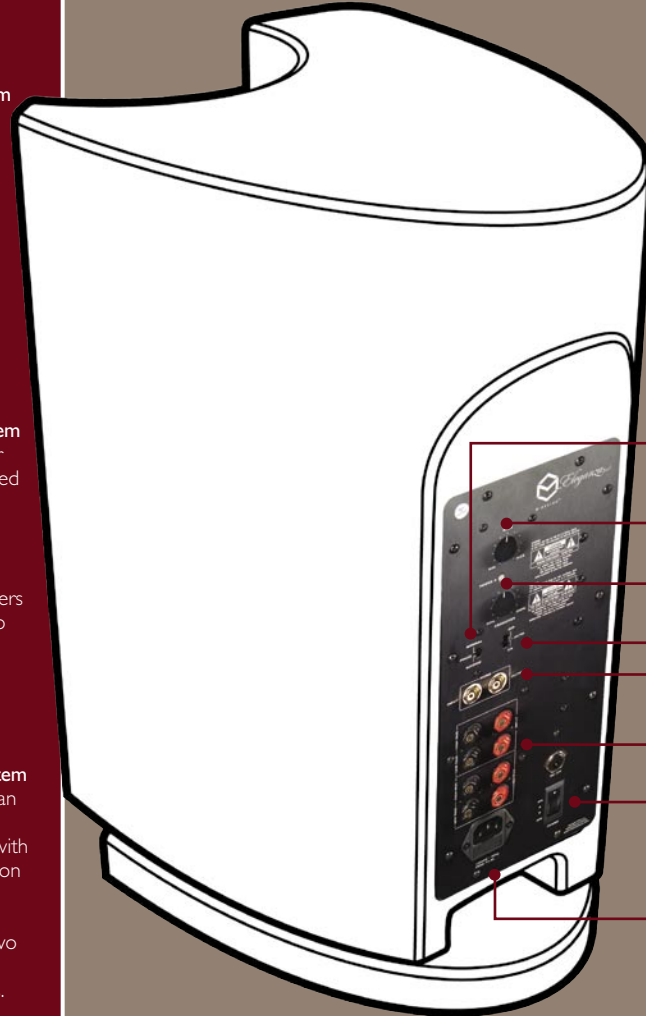
Single Subwoofer



Eleganza 5.1 Home Theater Music System

Still outstanding home theater sound can be obtained by using two StreamLine Towers for front left and right – each with a Bass Module for full range reproduction – a StreamLine Center Channel with matching drivers, left and right wall-mounted StreamLine Surrounds and two Eleganza 1200 Subwoofers. This system will still amaze your friends.

Connections to Your Receiver or Processor



"Phase" Switch

The phase switch allows you to reverse (invert) the bass signal coming from the receiver. Reversing phase can increase bass performance in some room settings depending on room size and subwoofer placement. (In reference quality, multi-subwoofer systems, make sure that all subwoofers are either "phased normal" or "phased reversed.")

"Gain" Control

Subwoofer gain should be adjusted so the bass volume matches the loudness of your main speakers. If the bass sounds too "boomy," reduce the gain. If low frequencies sound lost, increase the gain.
Tip: You can also use a pink noise test disc and a dB meter to test loudness and match the sub volume to your speakers.

"Crossover" Control

The crossover control allows adjustment of the subwoofer's frequency response to better match and balance with your main speakers, producing smoother, fuller range audio. To properly adjust this control, see "Subwoofer Calibration" section.

"Mode" Switch

Auto (recommended): The subwoofer amplifier senses audio signal and automatically switches "on" (automatically switches "off" after 15 minutes without signal).
On: Subwoofer amplifier is "on" all the time.
Off: Subwoofer amplifier is "off."

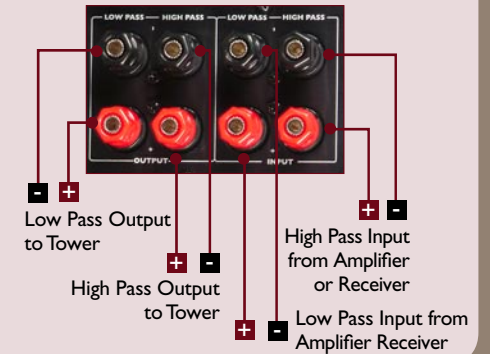
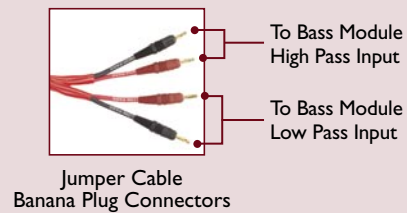
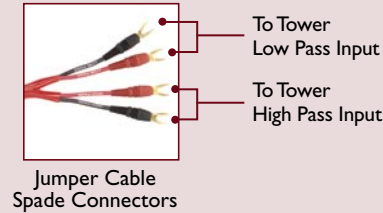
Recommended Connection:

Bass Modules as Part of Full Range StreamLine Tower High (Speaker) Level Inputs

We recommend that you use Eleganza Bass Module 1000s as an extension of the StreamLine Tower Speakers to bring the bottom-end frequency range to "full" range. We also suggest that in addition to the Bass Modules, you use standalone Eleganza subwoofers for low frequency effects in your system. The best way to hook-up the Bass Modules using this method is via speaker cables from your receiver or amplifier. Hook-up the Bass Modules in the same manner as you would the StreamLine Tower speakers. Both the Bass Modules and StreamLine Towers allow you to hook-up normally or to bi-wire your system. With either connection method, hook up the speaker wire from the receiver or amplifier to the "INPUT" binding posts on the Bass Module, and then use the supplied jumper cables to connect the Bass Module "LOW PASS OUTPUT" and "HIGH PASS OUTPUT" terminals to the "LOW PASS INPUT" and "HIGH PASS INPUT" on the StreamLine Tower. Refer to the StreamLine Tower manual for instructions on normal and bi-wire connections.

Note: If you are using a "normal" hook-up method, you must install the metal jumper bars between high-pass and low-pass terminals (red to red, and black to black) on the StreamLine Tower. Be sure to accurately connect left and right channels, plus + (red) and – (black) polarity connections respectively.

If NOT Using Bi-Wired Hook-Up: If you are not planning to use a bi-wire connection type, your Bass Modules MUST be connected using the "LOW PASS INPUTS" only.



Master "On/Off" Switch
Be sure this is "on". See "Mode" switch above.

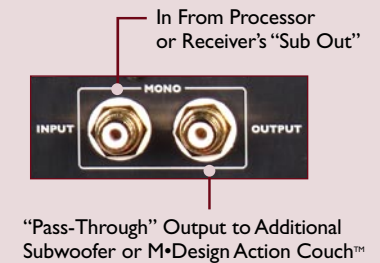
Fused Power Outlet
Connect supplied power cord to properly grounded 110 Volt AC outlet. Includes integrated fuse for amplifier production. Replace only with fuse of similar type and rating.

Alternate Connection:

Bass Modules as Standalone Subwoofers Line Level Inputs

If you intend for the Bass Module 1000s to be the only subwoofers in your home theater system, then you should connect them directly to your receiver or processor's with an interconnect (not speaker) cable. To do so, connect your receiver or processor's "Sub Out" jack to each Bass Module's mono "INPUT". To connect more than one Bass Module to your receiver or processor, you may need to use a "Y" cable or adaptor.

Tip: Use a Monster Bass interconnect that is engineered to accurately reproduce bass frequencies over long lengths.



Eleganza StreamLine Bass Module 1000 Calibration

After your Eleganza StreamLine Tower and Bass Modules are placed in position and connected to your receiver or processor, the system will need to be calibrated and balanced

Items Needed for Calibration

- Owners manual for your receiver/processor
- Sound Pressure Level (SPL) Meter also known as a dB meter (widely available at Radio Shack® stores)
- Test CD or DVD.
- System Set-up CD or DVD with a “pink noise” track (optional)

Before Proceeding

There are several options in setting up a multi-channel system. For the best system performance, you should base your setup on the different types of multi-channel playback of which your system is capable.

Please note that if your system contains sources for multi-channel audio, the StreamLine Tower should be configured within the A/V receiver or processor setup menus as “FULL RANGE WITH A SUBWOOFER.” This configuration will allow you to get the highest performance from your M•Design system.

Before proceeding with Bass Module or StreamLine Tower calibration or balancing, please read through the setup section of your A/V receiver or processor manual to familiarize yourself with how these settings are selected and activated.

Calibrating StreamLine Bass Modules

To calibrate Bass Modules on your StreamLine Tower Speakers, perform the following steps and procedures:

1. Set your A/V receiver or processor speaker configuration menu setting to “LARGE / FULLRANGE” with the subwoofer switched to “ON” or “YES.”
2. Turn off all Subwoofers and Bass Modules.
3. Disconnect the wires going to the StreamLine Tower Speakers from the terminals on the back of the Bass Modules.
4. Connect one of the Bass Modules to the A/V receiver or processor.
5. Start with the Gain Control and Crossover Control knobs at the 12 o'clock position.
6. Turn on Bass Module and play a selection of 2-channel (stereo) music.
7. Slowly rotate the crossover knob counter-clockwise until no vocals can be heard from the Bass Module. When set correctly, the Bass Module will only output frequencies below the vocal range. Write down this setting.
8. Adjust the Gain Control knob until the bass level is to your liking. A properly calibrated Bass Module should blend in well with the sound from the StreamLine Tower.
9. Place a SPL (dB) meter about one foot from the Bass Module being calibrated. Play the stereo music track again and write down the dB measurement from the SPL meter.

10. Turn “off” the Bass Module that was just calibrated and set the Gain Control on each other Bass Module in the system, one by one, to match the dB measurement using the same method in the previous step.
11. If you have other subwoofers in your system, refer to your subwoofer owner’s manual(s) for calibration instructions and procedures.

Calibrating the Rest of the System

Now that the Bass Module and subwoofer volume levels are balanced, the channel volume levels in your A/V receiver or processor can be set. Follow the instructions included with your receiver or processor to set these levels. Please note that if during calibration you hear too much bass for your liking, repeat the Bass Module or subwoofer calibration procedures again until the level is set to your satisfaction. Make sure that all Bass Modules and subwoofers maintain balance between themselves.

Optional Enhancements to Create the Best Possible Home Theater Experience

(each sold separately)

Eleganza Home Theater Component Centers

Complete your home theater experience with an Eleganza Home Theatre Component Center that complements your décor while hiding all of your electronics. Eleganza Component Centers have elegant hardwood surfaces, aluminum accents and uniquely designed doors that make home theater electronics and speakers practically invisible.



Eleganza StreamLine™ Towers, Center and Surrounds

Big, powerful bass is perfectly complimented by the Eleganza StreamLine system of towers, surrounds and center channel speakers. Matched by design and performance, Eleganza StreamLine gives you the “Wall of Sound” dynamics that bring passion and energy to home theater audio and multi-channel music.



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.



See your M•Design dealer for ordering information or visit www.MDesignLife.com