

MYTHOS ST*L*

Owner's Manual



IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding 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.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as when power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or apparatus has been exposed to rain or moisture, does not



operate normally, or has been dropped.

15. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and objects filled with liquids, such as vases, shall not be placed on apparatus.
16. **WARNING:** The mains plug/appliance coupler is used as disconnect device; the disconnect device shall remain readily operable.
17.  **Protective grounding terminal.** The apparatus should be connected to a mains socket outlet with a protective grounding connection.
18.  **Correct Disposal of this product.** This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact retailer where the product was purchased; they can take this product for environmental safe recycling.
19. **No naked flame sources**, such as lighted candles, should be placed on the apparatus.
- 20.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

Warning: To reduce the risk of electric shock, do not remove cover (or back) as

there are no user-serviceable parts inside. Refer servicing to qualified personnel.

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

21. **The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.**

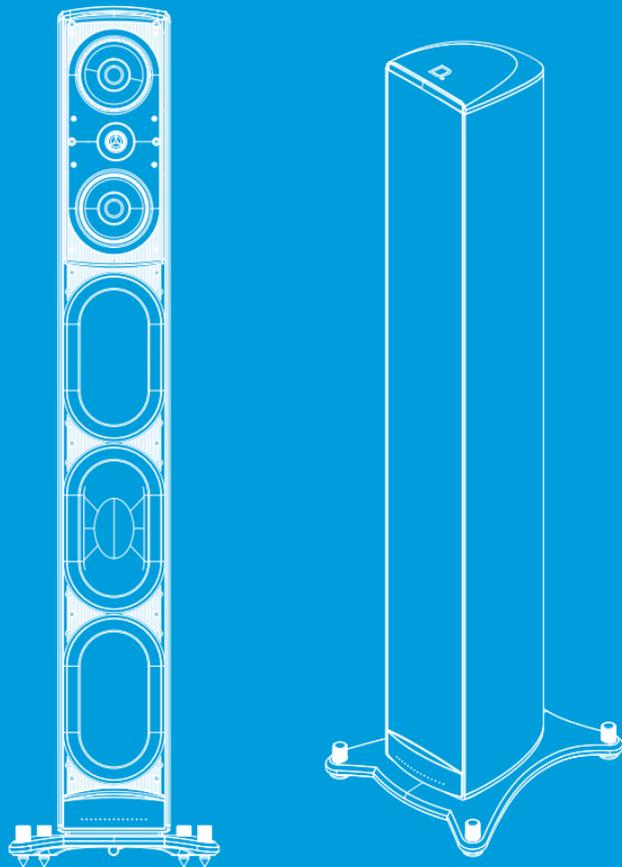
TABLE OF CONTENTS

Performance Benchmarks of the Mythos ST-L	2
Unpacking and Inspecting Your Mythos ST-L	3
What's In Your Mythos ST-L Carton	3
Locating your Mythos ST-L Super Towers	4
Aiming the loudspeakers into your listening area	4
5.1 Home Theater Configuration	5
Room Acoustics	5
Adjustable Gliders	6
Carpet Spikes	6
Connections	7-11
Subwoofer Tuning	11
Subwoofer Adjustment	12
Remote control	13
Fine Tuning	14
LED Indicators	15
Troubleshooting	17
Service	18
Technical Assistance	18
Warranty	19
Specifications	20-21

PERFORMANCE BENCHMARKS OF THE MYTHOS ST-L

Mythos ST-L represents a major redesign of this consummate Definitive Technology floor standing loudspeaker. Like the original Mythos ST, Mythos ST-L features a built-in powered subwoofer in an elegant extruded aluminum enclosure. But the ST-L is more than a refinement of the previous model. It is, in fact, a meticulous rethinking of the original high performance super tower. Drivers, tweeter, amplifier and user interface, all have been significantly developed to offer serious audio listeners elegant appearance, greater convenience and exhilarating performance.

- Improved mid- and high-frequency detail
- Overall higher output
- Lower harmonic and intermodulation distortion
- Flatter frequency response on- and off-axis
- More extended, lower-distortion bass response
- Greater soundstage width and depth
- Easier foot/spike height adjustment
- More convenient bass-level adjustment
- Improved appearance



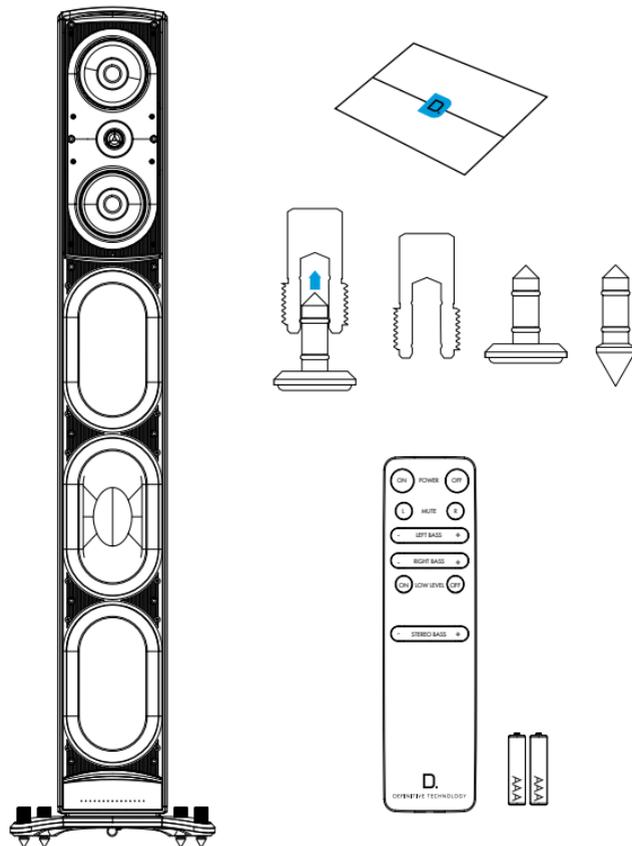
UNPACKING AND INSPECTING YOUR MYTHOS ST-L

Each loudspeaker leaves our plant in perfect condition. Any visible or concealed damage most likely occurred in handling after it left our plant and should be reported at once to your Definitive dealer or the delivery company that delivered your loudspeaker. Please unpack your system carefully. Save all cartons and packing materials in case you move or need to ship your system. Please record the serial numbers found on the back of your Mythos ST-Ls in an appropriate place and register them online at: www.definitivetech.com/registration/

WHAT'S IN YOUR MYTHOS ST-L CARTON

Inside each Mythos ST-L loudspeaker carton you should find:

1. One Mythos ST-L Super Tower with attached AC power cord
2. Literature Packet (Letter and Owner's Manual)
3. Accessory Box (Remote Control, batteries, (4) Carpet spikes)



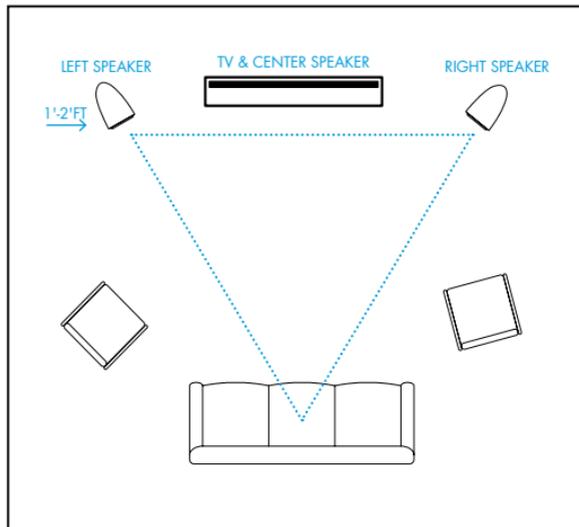
LOCATING YOUR MYTHOS ST-L SUPER TOWERS

The following guidelines are for a 2-Channel setup, a classic configuration that optimizes the Mythos ST-L's performance for the most critical listener. Please remember that no two rooms and listening set-ups are the same, so don't be afraid to experiment with your speakers. Whatever sounds best to you is what matters.

AIMING THE LOUDSPEAKERS INTO YOUR LISTENING AREA

To enjoy the most realistic stereo image and lifelike sound, place the speakers so that an equilateral triangle is created between the speakers and your favorite listening position.

If your room arrangement forces you to place the speakers farther apart than the distance from which you are listening, angle the speakers toward the middle. Angling the speakers in (pointed directly at the listener) will result in a somewhat brighter, clearer sound. This angling creates a sharper focus and a more solid central image; generally, we recommend that you take some time to experiment with speaker positioning and toe-in angle to find the best balance between image width and focus. Do your positioning experiments before installing the spike feet.



2-CHANNEL SETUP

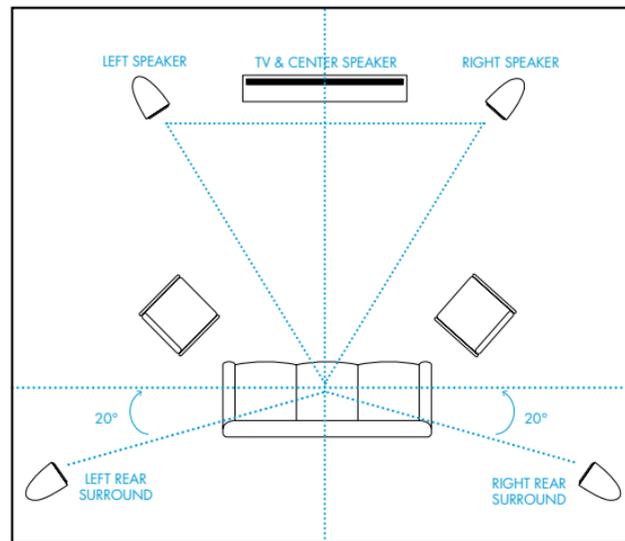
5.1 HOME THEATER CONFIGURATION

Four Mythos ST-L Super Towers will make an astounding 5.1 home theater. When used as left and right surrounds, do not locate the speakers forward of your listening position. If you use the towers as left and right rear surrounds, position them wide apart if possible. (For instance, if there is a couch in the center of the rear wall, position the speakers wider apart than the couch). If a full Mythos ST-L Home Theater loudspeaker setup isn't in the budget right now, Definitive Technology also offers a complete line of center channel and surround loudspeakers, any of which will blend with your Mythos ST-L front stage. We specifically recommend the Mythos Ten for the best-match center channel speaker.

Note: Each loudspeakers Identity Switch should be set to "Left" or "Right" depending on which side of the room the speaker is located.

ROOM ACOUSTICS

Ideally, the speakers should be placed at one to two feet from room boundaries, such as large pieces of furniture, walls and especially corners. Placing a speaker closer to room boundaries increases bass, but may result in a "boomy" or bass-heavy sound and degradation of stereo imaging. Try varying the speakers' distance from the rear walls, side walls, and corners until the best balance between low frequency extension and clarity is achieved. If you cannot get the speakers at least one foot from the room boundary, treat the adjacent room boundaries with absorbing or diffusing material to improve performance.



5.1 HOME THEATER SETUP

ADJUSTABLE GLIDERS

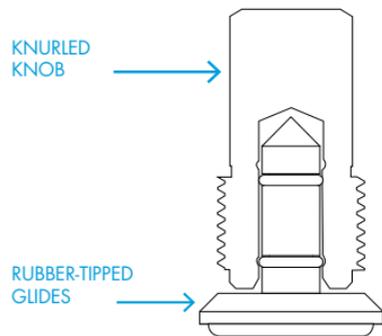
Mythos ST-L feet can be leveled and stabilized using either the rubber-tipped glides, which are already installed on the knurled thumb screws or with floor spikes, which are included in the accessory box.

The knurled knobs that protrude above the base are threaded, so you can level your speakers while they stand upright. Simply grip the knurled knob and turn clockwise to raise height at that corner or counter-clockwise to lower height. A spirit level will help you achieve perfect verticality.

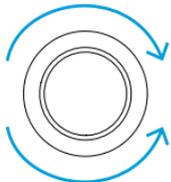
CARPET SPIKES

Use the optional carpet spikes to provide much greater stability and performance when placing your loudspeakers on carpeting.

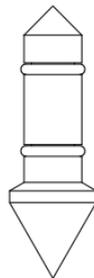
Note: take care when using the spikes, as they may cause damage to wooden or other floors, which are susceptible to being scratched. Definitive Technology is specifically not responsible for damage that may result from the use of spikes.



RAISE THE HEIGHT



LOWER THE HEIGHT



CARPET SPIKES

CONNECTIONS

HIGH LEVEL CONNECTIONS

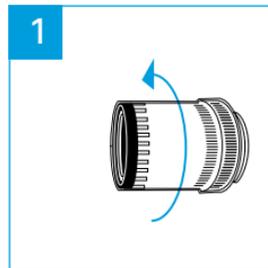
THE 5-WAY BINDING POST

Mythos ST-L Super Towers have gold-plated 5-way binding posts, which are the audiophile standard. They give you tremendous hookup flexibility when it comes to the type of connector you want to use, including spade and pin connectors, single and dual banana plugs and, of course, bare wire. The following directions are for bare wire:

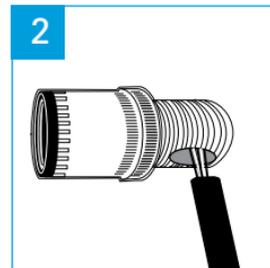
BARE WIRE HOOKUP

Follow the hookup directions included with your receiver. Strip 1/2 inch (12.7mm) of insulation from each of the two conductors of the wire to expose the bare metal and twist each of the individual conductors into single un-frayed strands. Note that one of the terminals on the rear of each speaker is red (+) and the other is black (-). Make certain that you connect the wire from the red (+) terminal of your amplifier or receiver to the red (+) terminal on your speaker and the wire from the black (-) terminal of your amplifier or receiver to the black (-) terminal on your speaker. Most wire has some indicator (such as color-coding, ribbing or writing) on one of the two conductors to help you maintain consistency.

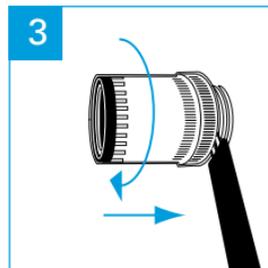
To connect wire to the binding post, unscrew the binding nut and insert the bare wire into the hole near the base of the binding post. Do not insert the insulated part of the wire into the hole, as this will not give you a good connection. Tighten the nut back down on the binding post until it firmly meets the wire. **Do not over tighten.**



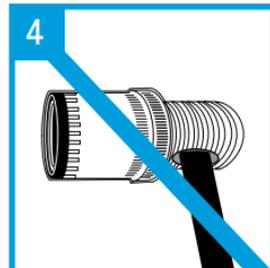
1 LOOSEN HEX NUT.



2 INSERT SPEAKER WIRE THROUGH HOLE.



3 TIGHTEN HEX NUT.



4 DO NOT INSERT INSULATED SECTION OF SPEAKER WIRE.

BI-WIRING

Bi-wiring in effect provides the midrange drivers and tweeter with separate signal paths, improving their damping factor and reproducing recorded material with greater clarity, depth and detail. Each Mythos STL Super Tower has a set of Bi-wire (high level) 5-way binding posts, and an LFE input. Simply run separate speaker wires to the low and high frequency drivers from a single amplifier.

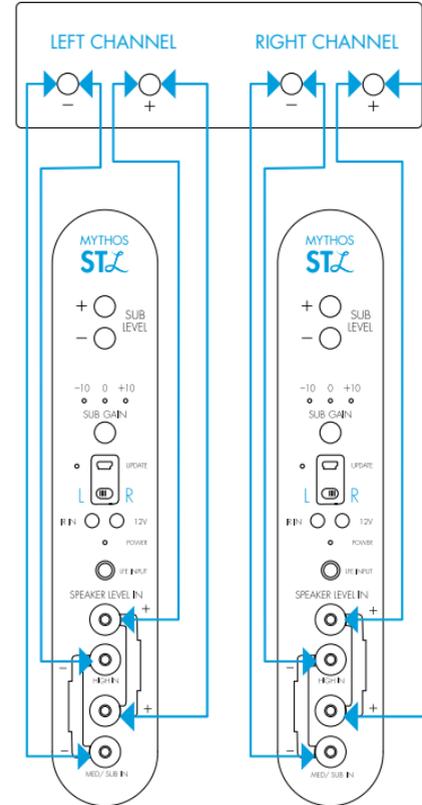
Note: You must remove the jumper strips that connect the terminals before you bi-wire your loudspeakers.

Connect one set of speaker wires to the upper terminals (tweeter) on each speaker and one set of wires to the lower terminals (midrange/subwoofer). Connect the other ends of both wire sets to the corresponding amplifier outputs.

Important Note: Both speakers must be connected in the same way (in correct polarity) to their own channel of the amplifier. If you experience a great lack of bass, it's likely that one speaker is out of polarity with the other.

BI-WIRING

AMPLIFIER

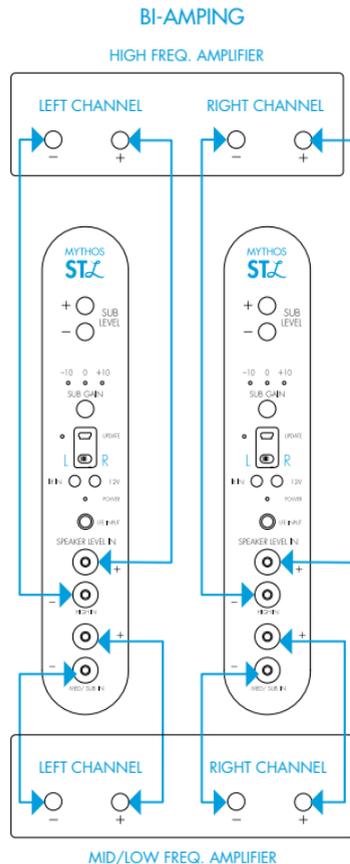
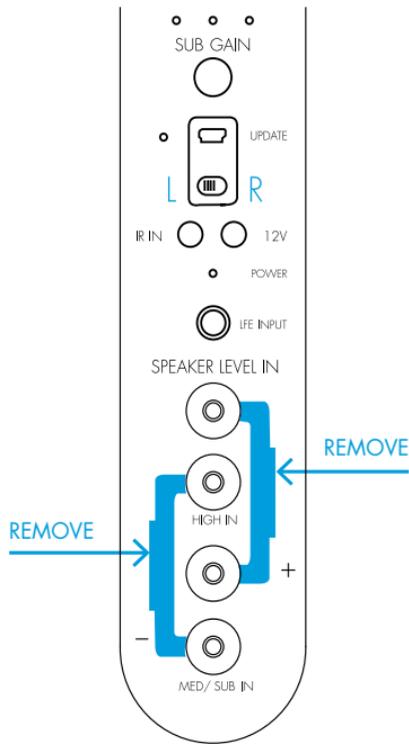


BI-AMPING

Bi-amping improves the way your sound system handles those more demanding moments when listening to music or watching cinema. When a piece of music is at its most demanding, bi-amping can help each section of your speaker by giving each driver and tweeter their own source of power, creating a sense that the sound being reproduced is more effortless, less constrained.

CAUTION: You *must* remove the jumper strips that connect the terminals before you bi-amp your loudspeakers; you will damage your loudspeakers if you don't.

After removing the jumpers, connect the speaker wires from the high frequency amplifier outputs to the upper set (tweeter) of terminal posts on each speaker. Follow the same procedure for connecting the low/mid frequency amplifier outputs (midrange/subwoofer) to the lower set of terminals. Maintain correct wiring polarity (+ to +, - to -) in all connections.



WIRE RECOMMENDATIONS

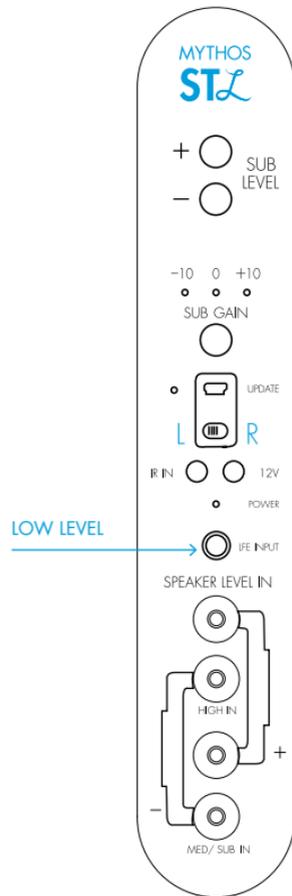
The Mythos ST-L is an ultra-performance loudspeaker and should be used with high quality audiophile-grade speaker wire. Consult your retailer for specific brand and model recommendations. Use at least 14 gauge stranded cable.

LOW LEVEL CONNECTIONS

USING THE LFE INPUT ON YOUR MYTHOS ST-Ls

In most multi-channel systems the best hookup method is simply to connect speaker wires to the high level inputs. Set "Speaker Set Up" or "Bass Management" of the multi-channel receiver/processor to Front L&R = LARGE and Subwoofer = NO. With this method you will get every iota of performance that your system can deliver.

You also have the option to use the low level LFE input in addition to the speaker wires. This method gives you more control of the LFE channel level relative to the L&R channel's bass. Use a "Y" connector (available from your dealer) out of the LFE output on your receiver or processor to feed two line level cables, connecting one to the LFE input on your left Mythos ST-L and the other to the LFE input on your right speaker. Set "Speaker Set Up" or "Bass Management" of the multi-channel receiver/processor to Front L&R = LARGE and Subwoofer = YES.



USING MULTI-CHANNEL, SACD OR DVD-AUDIO WITH YOUR ST-Ls

Because of the nature of their bass management systems, a multi-channel Home Theater System, SACD player or DVD-Audio player (or any other format that requires using 6- channel or more interconnects) requires the use of an LFE connection between your receiver or processor and your Mythos ST-L Loudspeakers. This will simply give you more control over your bass. If you are using one of these players, or have a multi-channel home theater system, use the connection method outlined in the “Using the LFE Input” section and set your speakers to “Large.”

POWERING UP THE ACTIVE SUBWOOFER

Your Mythos ST-L Super Towers contain a built-in, active powered subwoofer section. This means each Mythos ST-L must be plugged into an electrical socket of the appropriate voltage using the plug on the end of the electrical cord, which is attached to the speaker through the hole at the bottom of the base. The Mythos ST-L has a special circuit that automatically turns the powered subwoofer section on when a signal is fed to the loudspeaker and does not require an on-off switch. Please note that it is normal for you to hear a small pop from the speaker when the amp powers up.

SUBWOOFER TUNING

Tuning ST-L built-in subs is accomplished in two steps: a coarse setting, which involves the controls on the back of each tower, and a fine tuning adjustment, which is accomplished from your listening position using the Bass Remote Control. Begin by following the “Coarse Sub Adjustment” steps.

SETTING LEFT AND RIGHT CHANNEL CONFIGURATION (IDENTITY SWITCH)

The Identity Switch tells which loudspeaker to respond to which commands from the remote control. Each Mythos ST-L Super Tower can be configured as either a left or right channel loudspeaker. This is done by setting the L/R identity switch, which is on the back of each loudspeaker, to correspond to the loudspeaker’s left or right orientation.

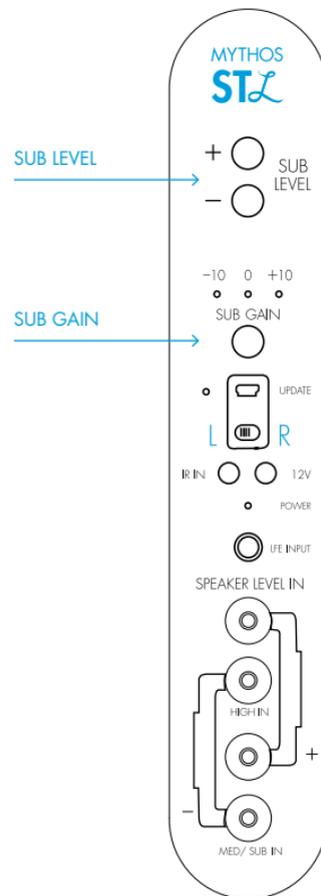
SUBWOOFER ADJUSTMENT

1. Select “Left” on the slide switch on the input panel of the Left unit (as you face the speaker) and “Right” on the right speaker.
2. Set the “Subwoofer Gain” on each speaker’s input plate to 0dB (the correct setting for most systems and rooms).
3. Set the balance control on your receiver or preamp to full left channel (or disconnect the right channel speaker if you don’t have a balance control).
4. On the remote, press the Low Level Off button to make sure that function is disengaged.
5. Now play a mono music recording that has a good balance of bass and midrange. Set the Left Bass level control until you hear a good balance of bass to midrange.

As you change bass level, the white LEDs on the front of the speaker will indicate the variation + or – from 0dB in 1dB increments (see explanation of LEDs on page 15).

If you have to turn the bass level nearly all the way up to +7dB to get the bass level you want, go back to the subwoofer gain button (Sub Gain) on the input panel and switch to the +10 dB position.

If you have to turn the bass level all the way down to get the bass level you want, go back to the subwoofer gain switch on the input panel and switch to the –10 dB position. Repeat the process for the other channel (the other tower).



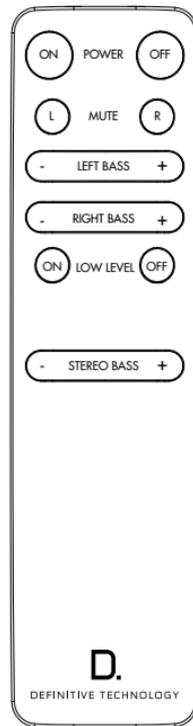
REMOTE CONTROL

Note: For your convenience, the IR receiver is located on each loudspeaker just below the D'Appolito Array (Midrange/Tweeter/Midrange complement) near the top of the tower. This location lets you aim your remote at a normal listening height from any where in the room.

The Mythos ST-Ls remote makes it easy to set just the right amount of bass output to compensate for program material, listening level differences and room acoustics. The remote is the best tool for perfectly adjusting the built-in subwoofers to achieve seamless blending with the mid-range drivers.

- 1. Power ON/Off:** Press these buttons to turn the subwoofer on or off.
- 2. Mute L/R:** Mutes either the left or right subwoofer. Hitting the speaker's Mute button again, or the corresponding Bass Level toggle, will take the loudspeaker out of mute.
- 3. Left Bass and Right Bass +/-:** Increases/decreases the left and right loudspeaker's subwoofer levels respectively.
Note: the volume range goes from -7 to 0 to +7 and is indicated by the LEDs at the base of the loudspeaker, beneath the Definitive Technology logo.
- 4. Low Level On/Off:** Engaging Night Mode compresses the dynamic range so that the peak bass volume level is reduced—ideal for leaving family members, or neighbors, undisturbed late at night.
- 5. Stereo Bass Control:** This increases or decreases both loudspeakers' subwoofer levels simultaneously.

Note: If the line of sight from your listening position to the IR receiver on the loudspeaker is obstructed, the remote will not work. Connect an IR remote repeater (optional, available from most audio/video specialty dealers) to the IR remote jack on the back of the loudspeaker. Labeled "IR IN."



FINE TUNING

ADVANTAGES OF TUNING FROM THE LISTENING POSITION

Subwoofer levels can be set for each channel independently to compensate for room acoustics or placement anomalies. For example, if one speaker is placed closer to a wall or corner than the other, it will probably have greater bass output due to boundary reinforcement. Realizing consistent bass output between two speakers in a stereo pair makes an enormous difference in timbre and imaging accuracy.

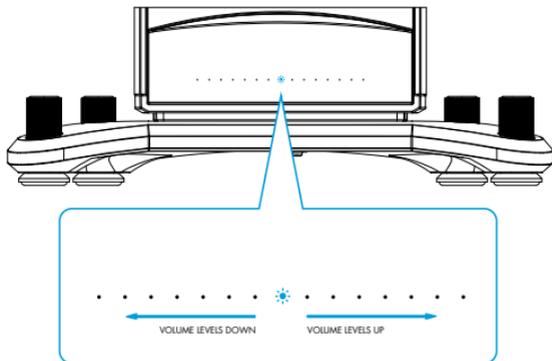
FINE ADJUSTMENT

Now switch back to a stereo recording and use the Stereo Bass control to make your final adjustment (you will probably want to turn the bass level down a bit). As you make settings adjustments, the white LEDs on the front of the towers light up to indicate the setting value and then turn off a few seconds later.

1. Sit in your favorite listening position with remote in hand.
2. Play a piece of music you are very familiar with that has good deep bass content.
3. Using the Stereo Bass control on the remote, adjust the volume up or down to taste.
The bass should have impact without sounding too "heavy."

LED INDICATORS

There is a single Power LED on the back panel of each loudspeaker. There are 15 LEDs on the front panel below the Definitive Technology logo that light to indicate any change you make in volume levels or power status.



Remote Control

Power On

LED Indicates

LED on rear panel shines red.
White LED's turn on sequentially from the middle to the outside then show the base trim value and end at blue LED center.

Power Off

All LEDs on front of tower shine, then turn off sequentially.

Volume Levels
(Stereo Bass, Left & Right Bass)

On front of tower: Indicated by +/-7 white LEDs to the left and right of the blue center LED.

Low Level Mode

On: Center Blue LED turns to red and dims
Off: Center red LED turns blue and trim value shown on white LEDs. Hold and then fade to dim Blue LED

Mute

On: Center blue LED turns red and then fades in and out until mute condition is terminated
Off: Center red LED turns blue, trim value is shown on white LED's, hold and then fade to dim blue LED

Rear Panel Controls

Sub Level +/-

LED Indicates

Indicated by +/- 7 white LEDs on front panel.

Subwoofer Gain

-10, 0, +10 indicated by 3 blue LEDs

Amplifier Power On/Off

Indicated by red LED

USING THE MYTHOS ST-L LOW-LEVEL CONTROL

Your Mythos ST-Ls have a low level control on the remote control, which initiates dynamic range compression of the subwoofers to bring down their overall levels. This feature is especially invaluable for late-night movie viewing when others in the home are trying to sleep.

ADDING AN EXTERNAL SUBWOOFER TO YOUR MYTHOS ST-L

Although the built-in subwoofers in your Mythos ST-Ls deliver superb low frequency response and are all that are required for amazing performance, some listeners go for the ultimate performance and add an additional powered subwoofer to their system. If you choose to do so, we strongly suggest using the SuperCube8000 (www.definitivetech.com/SuperCube8000) in order to achieve the highest level of sound quality possible. This should be driven with an additional RCA low-level cable connected to the LFE output of your receiver or processor. Your receiver or decoder's bass management system should still be set to "Large" left and right main speakers and "Yes" subwoofer.

SPEAKER BREAK-IN PERIOD

Your Mythos ST-L Super Towers should sound good right out of the box; in fact, there is no specific speaker break-in period. The best recommendation we can make is to play your speakers. We have found that after around 40-60 hours (or more) of normal playing, the suspensions work in, and this results in fuller bass, a more open "blossoming" midrange and smoother high frequency reproduction.

TROUBLESHOOTING

IMPORTANT NOTE REGARDING DISTORTION

If you hear distortion when the speakers are being driven at high volume levels, it's because you're driving (turning up) the amplifier too loud and not from driving the speakers with more power than they can handle. Remember, most amplifiers produce their full-rated power well before the volume control is turned all the way up! If your speakers distort when you play them loud, turn down the amplifier.

IMPORTANT NOTE ON INTERNAL OVERLOAD PROTECTION

The subwoofers feature an internal overload protection circuit, which will turn the subwoofers off or down if overdriven or overheated; after a few minutes, they will resume normal operation.

If you experience any difficulties with your Mythos ST-Ls, try the suggestions described below. If you are still having problems, please consult your Definitive Technology Authorized Dealer for assistance.

1. Make sure all your system interconnects and power cords are solidly in place.
2. Should you experience any level of hum or noise, try plugging the power cords into the same power outlet as your amplifier.
3. The system has sophisticated internal protection circuitry. If for some reason the protection circuitry is tripped, please turn down your system's volume and wait five minutes before trying the system again. If the amplifier should overheat, the system will turn off until the amplifier cools down and resets.
4. Check to be sure that your power cord has not been damaged.
5. Check that no foreign objects or liquid have entered the cabinet.
6. If you cannot get the subwoofer driver to turn on, or if no sound comes out and you are sure the system is set up properly, please bring the loudspeaker to your Definitive Technology Authorized Dealer for assistance, but please call first.

SERVICE

Service and warranty work on your Definitive loudspeakers will normally be performed by your local Definitive Technology dealer. If, however, you wish to return the speaker to us, please contact us first, describing the problem and requesting authorization as well as the location of the nearest factory service center.

Please note that the address given in this booklet is the address of our offices only. Under no circumstances should loudspeakers be shipped to our offices or returned without contacting us first and obtaining return authorization.

Definitive Technology Offices
11433 Cronridge Drive,
Owings Mills, Maryland 21117
Phone: 410-363-7148

TECHNICAL ASSISTANCE

It is our pleasure to offer assistance if you have any questions regarding your Mythos ST-Ls or their set-up. Please contact your nearest Definitive Technology dealer or contact us directly at (800) 228-7148 (USA and Canada) or +1 (410) 363-7148 or email info@definitivetech.com.

Visit us at www.definitivetech.com.

This product complies with the essential requirements of the EMC directive 89/336/EEC. DUAT012609

Warranty

DEI Sales Co., dba Definitive Technology (herein "Definitive"), warrants to the original retail purchaser only that this Definitive loudspeaker product (the "Product") will be free from defects in material and workmanship for a period of five (5) years covering the drivers and cabinets, and three (3) years for the electronic components from the date of the original purchase from a Definitive Authorized Dealer. If the Product is defective in material or workmanship, Definitive or its Authorized Dealer will, at its option, repair or replace the warranted product at no additional charge, except as set forth below. All replaced parts and Product(s) become the property of Definitive. Product that is repaired or replaced under this warranty will be returned to you, within a reasonable time, freight collect. This warranty is non-transferrable and is automatically void if the original purchaser sells or otherwise transfers the Product to any other party. This Warranty does not include service or parts to repair damage caused by accident, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage in excess of the rated maximum of the unit, cosmetic appearance of cabinetry not directly attributable to defects in material or workmanship. This warranty does not cover the elimination of externally generated static or noise, or the correction of antenna problems or weak reception. This warranty does not cover labor costs or damage to the Product caused by installation or removal of the Product. Definitive Technology makes no warranty with respect to its products purchased from dealers or outlets other than Definitive Technology Authorized Dealer. This Warranty applies only to Products purchased in Canada, the United States of America, its possessions, and U.S. and NATO armed forces exchanges and audio clubs. The Warranty terms and conditions applicable to Products purchased in other countries are available from the Definitive Technology Authorized Distributors in such countries.

Limited Warranty:

5-Years for Drivers and Cabinets,
3-Years for Electronic Components

Specifications – Mythos ST-L

Tweeter	1" magnesium/aluminum alloy tweeter
Midrange	Two 5 1/4" 3rd generation BDSS with LRW in an Asymmetric Driver Array
Woofers	One 6" x 10" carbon active woofer pressure coupled to two 6" x 10" planar low- bass radiators.
Built-In Subwoofer Power Amplifier	1200 Watt Class HD amplifier
Overall Frequency Response	14Hz to 30kHz
Recommended Amplification	20-350 Watts
2.83V Sensitivity	92.3 dB SPL
Amplifier Power On/Off	Indicated by blue LED
Impedance	compatible with 8 Ohm
Impedance Minimum	3.6 Ohm @ 278Hz
Tweeter/Midrange Crossover Frequency	2366 Hz
Midrange/Woofers Crossover Frequency	111 Hz
Tweeter High Pass Slope (acoustic)	12 dB/octave
Midrange Low Pass Slope (acoustic)	12 dB/octave
Midrange High Pass Slope (acoustic)	12 dB/octave

Woofers Low Pass Slope (acoustic)	12 dB/octave
Midrange Enclosure Type	Sealed box
Woofers Enclosure Type	Dual Bass Radiators
Dimensions (greatest overall depth, grille)	Depth 14.187" (36.035 cm) Height 50.809" (129.05486 cm) width 12.682" (32.21228 cm)
Base Dimensions	Depth 14.187" (36.035 cm) width 12.682" (32.21228 cm)
Shipping Weight	75 lbs (34.0194 kg)

