

**Auralex Acoustics**

# **MAX-Wall™**

**Modular Acoustical Environment**

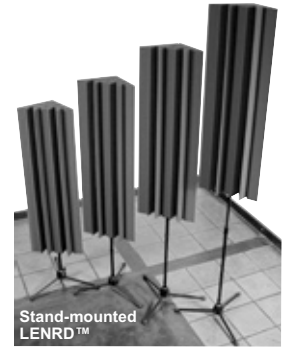
**Congratulations! You now have a higher quality recording and listening environment.**



**Auralex™**  
*acoustics*

**Thank you for purchasing the Auralex Acoustics MAX-Wall™ Modular Acoustical Environment**

# The MAX-Wall Instruction Sheet



Thank you for purchasing your **MAX-Wall™ Modular Acoustical Environment**. This modular, absorptive, expandable acoustical kit is ideal for situations where you cannot permanently place **Studiofoam™** on your room surfaces. It's also great when you need to be able to quickly and easily change your recording/listening environment for a variety of situations. The **MAX-Wall** offers you a great deal of flexibility, is easy to setup, and can be easily expanded. Be sure to check out the complete line of **Auralex** products such as **Stand-Mounted LENRD bass traps**, our complete line of Studiofoam and family of diffusers, as well as all of our construction-related materials @ [www.auralex.com](http://www.auralex.com).

**Thank you for buying a product that is revolutionizing acoustical treatment in studios across the country!**

**First.** Decide how you want to layout your new MAX-Wall: (Keep in mind that there is no specific top, bottom, left or right sides to these panels. They can be setup any way you choose. Make sure the wedged surface faces the source of the sound to be absorbed.)

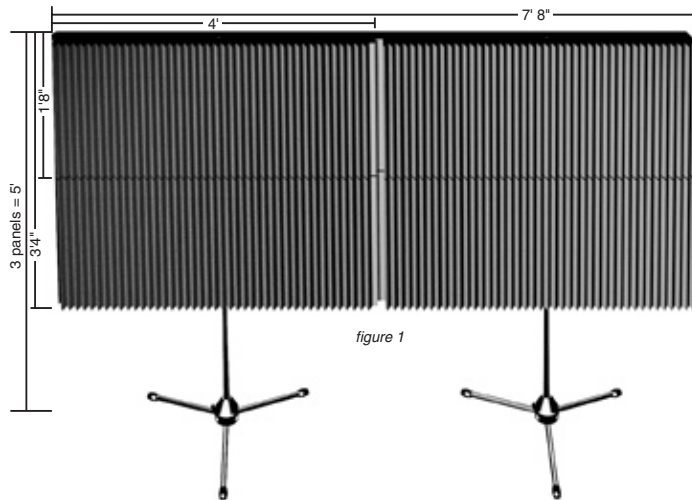
**1. What Width - Number of panels (see figure 1).**

- a. 1 single panel = 4'
- b. 2 interlocked panels = 7'8"
- c. 3 interlocked panels = 11'4" (not pictured)

**2. How Tall - Number of panels (see figure 1).**

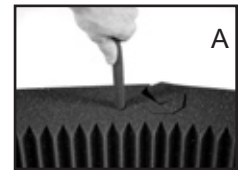
- a. 1 single panel = 20" (1'8")
- b. 2 stacked panels = 40" (3'4")
- c. 3 stacked panels = 60" (5') (not pictured)

**3. Starting height from the floor?**

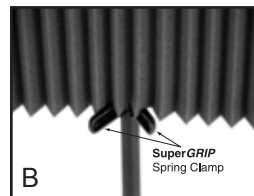


**Second.** Decide how you want it setup, then follow these easy steps:

1. Setup the MAX-Wall stand to the desired height. Fully extended if the top panel is to be above 5'4".

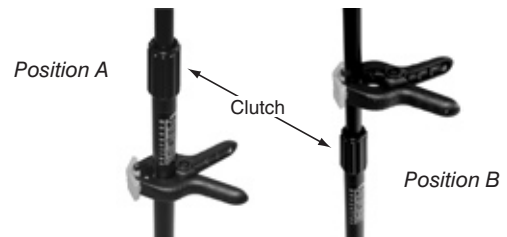


2. Remove the foam core from the hole in the center of each MAX-Wall panel (photo A).

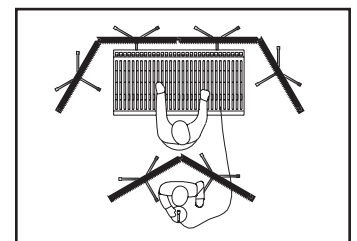
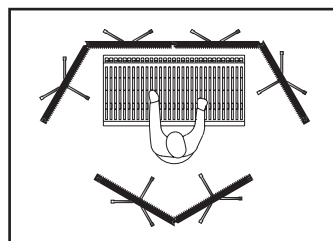
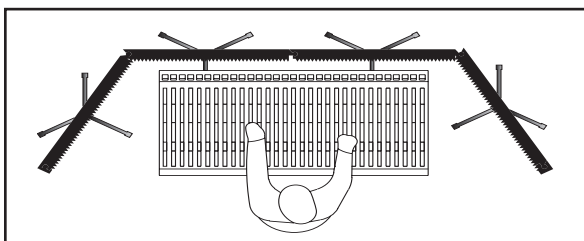


3. Insert stand into hole in MAX-Wall panel and push down to desired height. Use the MAX-Wall SuperGRIP Spring clamps to secure the bottom panel (photo B). Continue adding MAX-Wall panels until the desired height is achieved.

4. If the desired height is above the clutch, place a SuperGRIP spring clamp on the smaller part of the stand using position "b". If the panels are below the clutch, then friction will likely hold the panels in position. We suggest you place the clamp underneath the panel (position "a") to insure no slipping or sagging over time.



## Serving Suggestions:



### Third. Locking panels together:

The ends of each panel are designed to “peel” away (see figure 2), allowing the panels to be locked together. This creates a continuous acoustical wall. Panels can then be hinged up to 60°. When removing these pieces, we suggest labeling both the panel and the end cap in a location that will be concealed once connected. This will allow you to replace the end caps without them being mismatched. Our cutting tolerance can vary slightly; end caps that are mismatched with panels may not exactly match, and thus may not be a perfect fit (*too loose*). Decide which set of panels are to be interconnected and remove the adjacent end pieces. Must be male to female for this to work. If you need to, just flip the MAX-Wall panel over so the panels correctly connect male to female (figure 3).

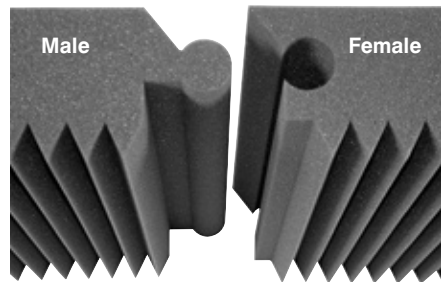


Figure 3

If ends of panels are adjacent, but hinged greater than 60° (*actually 120° for you mathematicians*), leave the end caps on and connect the panels together with long pins (*clothing, t-pins, etc.*) or purchase our optional MAX-Wall Corner Couplers. If the ends of the panels are at the end of your setup, we suggest leaving them on for appearance reasons!

### Optional Accessories:

1. **Window Unit:** 20” x 48” MAX-Wall panel with an 18” x 12” Plexiglass window ( $\frac{1}{4}$ ” thick). The MAX-Wall support stand can be adjusted so you can attach a microphone gooseneck (*as pictured*).

2. **MAX-Wall Corner Couplers**  
Designed to allow panels to be attached at a 90° (80° to 100°) angle.



MAX-Wall Tips:

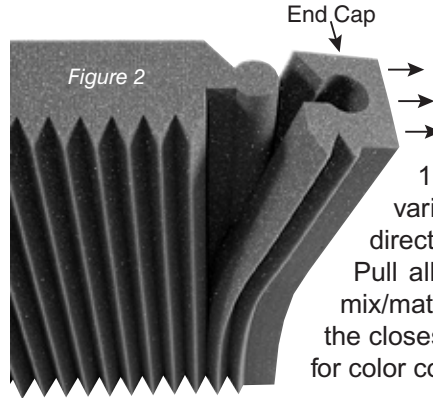


Figure 2

1. Some panels may show a slight variation in color/shade. This is due to the direction of the cut from our production saw. Pull all of the panels out of the box(es) and mix/match the best combinations. We suggest the closest matches be used on the same stand for color consistency.

2. If you need to extend the height of the MAX-Wall beyond the capabilities of the MAX-Wall support stand, 5/8” PVC pipe can be placed over the smaller diameter top of the stand and cut to a height to support panels above normal height.

3. A more “curved” environment (*figure 4*). If you desire the MAX-Wall to “surround” you beyond the normal hinging of the panels, you can “fracture” the hole lock in the center of the panel, creating a 45° with an individual panel. Be aware that the hole lock can be restored, but may not be as strong or attractive as before. The “fractured” panels are best used when the ends are interlocked with other panels to prevent sagging.

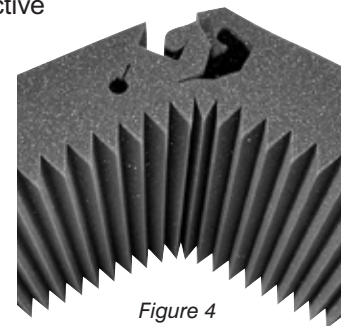
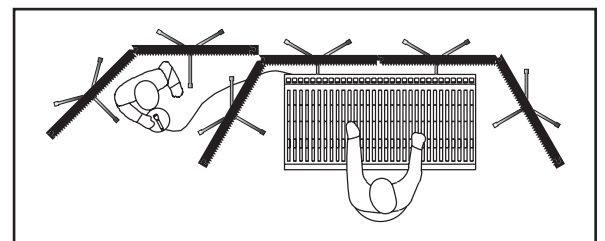
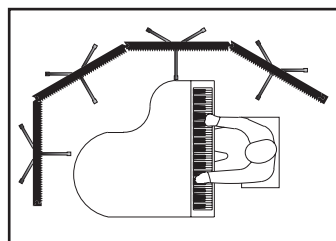
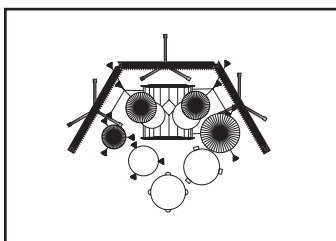


Figure 4

4. Keep the shipping box(es) for storage if the MAX-Wall will be moved around or used intermittently.

**Auralex**  
acoustics

### Serving Suggestions:

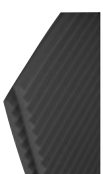




# Other Auralex Products To Complement Your Studio

## 2" Studiofoam™ Wedges

- They're the workhorse of the industry & the most popular method to eliminate annoying standing waves for truer sound.
- Studiofoam controls unwanted flutter echoes & reverberation up to 60% better than other brands!
- Essential for accurate monitoring & recording.
- Industry-leading design, flexibility & appearance
- Superior longevity - doesn't crumble!



## 1" Studiofoam™ Wedges



## 3" Studiofoam™ Wedges



## 4" Studiofoam™ Wedges

## 2" Studiofoam™ Pyramids

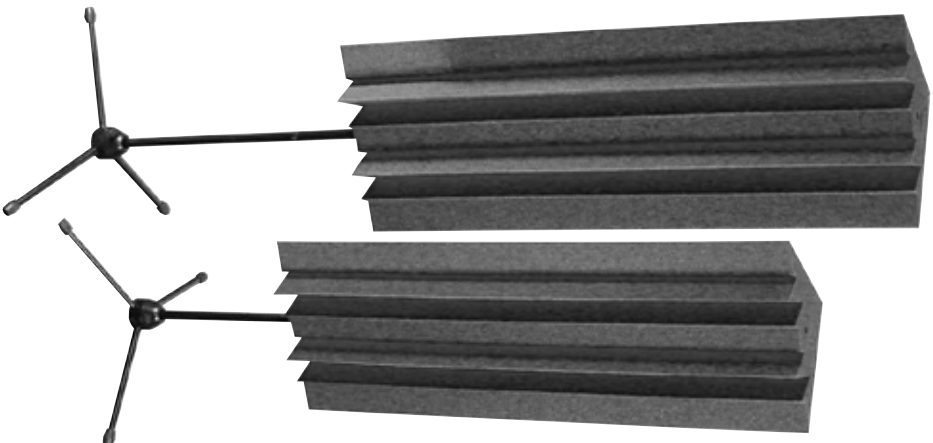
- Seamless installation and a high-tech appearance!
- Great for applications where panels need to be cut to fit specific spaces.

## 4" Studiofoam™ Pyramids

- Seamless installation like 2" Pyramids.
- Great look when combined with 2" Pyramids, T-Fusors™, or MiniFusors™.

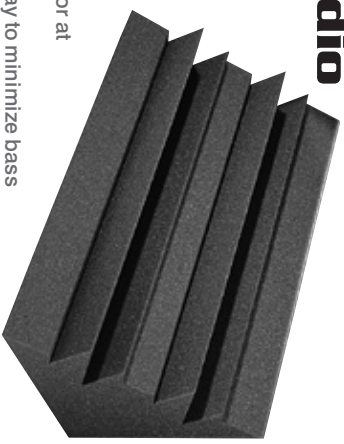
## Auralex Metro™ Family

- A great look preferred by architects, schools, and churches.
- Consistent, high-tech profile for acoustic panels, diffusers, and bass traps!



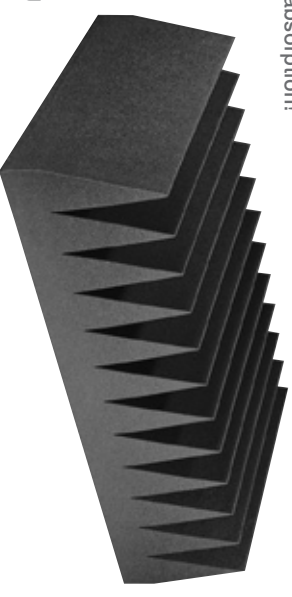
## LENRD™ Bass Trap

- An Auralex exclusive!
- Significantly reduces problematic low-end bass nodes
- Extremely effective when placed in vertical corners or at wall/ceiling junctions
- A fast and inexpensive way to minimize bass build-up and modal distortion
- Mr. Physics says "A must for every studio!"



## VENUS™ Bass Trap

- The king of bass traps!
- Perfect for larger spaces such as gyms, churches, or studios that need "mega" low frequency absorption!
- Like the LENRD, it too is extremely effective when placed in vertical corners or at wall/ceiling junctions.

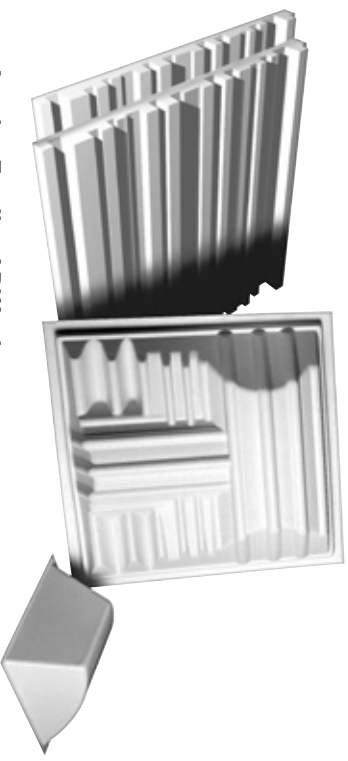


## Stand-Mounted LENRD™

- Our incredibly popular LENRD in a 4' stand-mounted version!
- Terrific when used in conjunction with our MAX-Wall™ system. (see back page)
- Great for applications where permanent installation is not possible.
- Easy mobility allows you to "tune" the room for different uses.

## Auralex Family of Diffusion

- 3 styles and levels of performance.
- "Shatters" sound waves to prevent harsh reflections.
- Creates "warmth" and a 3D sense of openness.
- T-Fusor™ offers world-class diffusion that is affordable, with unmatched performance at any price.



**Auralex**  
acoustics  
[www.auralex.com](http://www.auralex.com)