

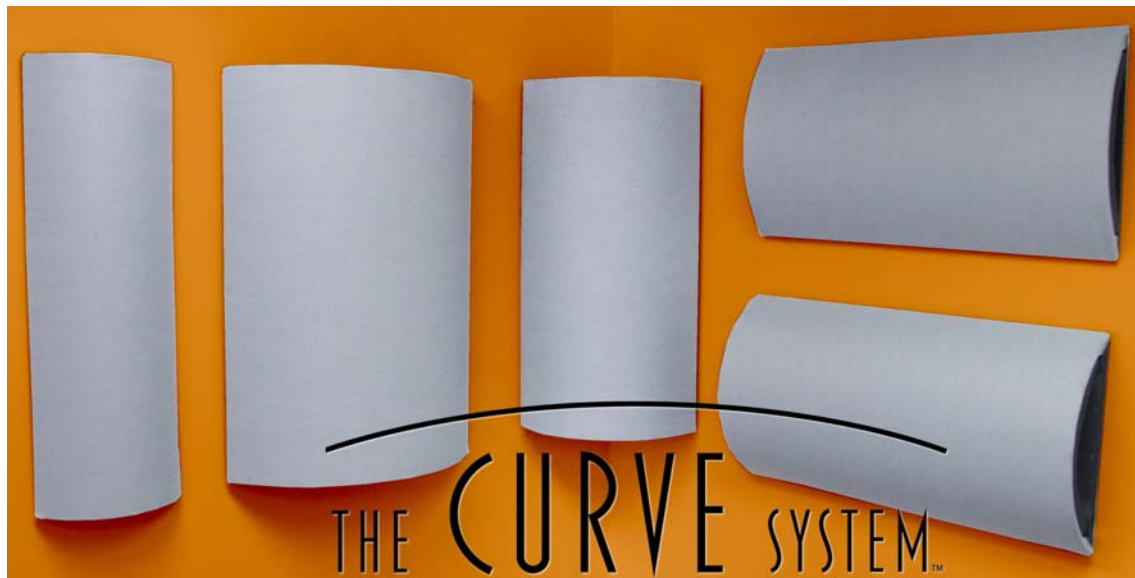
# THE CURVE SYSTEM™

SIMPLE ACCURATE AFFORDABLE ACOUSTICS

The Curve System™ of Diffusors, Absorbers, and Corner Traps simplifies the creation of natural-sounding professionally-accurate acoustic spaces.

The core of The Curve System is the innovative Diffusor, an improved version of the classic polycylindrical designs used in recording, broadcast, and film studios since the 1930's. These have proved to minimize flat-surface reflection problems by broadly and evenly scattering sound energy. The Curve Diffusor also acts as a diaphragmatic mid-bass absorber and includes a built-in mass-loaded vinyl (MLV) membrane low-bass trap. It solves the two biggest acoustical issues – diffusing mid to high frequencies and controlling low frequencies. The Curve Diffusor is unique, offering two complete solutions for the price of one product.

Three stock Diffusor widths integrate perfectly with two matching models, The Curve Absorber (mid to high frequency absorption) and The Curve Corner Trap (a Curve Diffusor with an additional corner bass trap). The right combination and placement of Curve System components will optimize your acoustic spaces, and because of their coherent design, all Curve models look great together. See our “Curve Combinations Guide” for the best way to set up your room, or contact our Curve System specialists at [www.AcousticGeometry.com](http://www.AcousticGeometry.com).



## **The Curve System – simple accurate affordable acoustics**

After a century of acoustical research, it's widely agreed that rooms with the right balance of diffusion and absorption are far more natural-sounding and source-accurate than rooms without proper diffusion or with too much absorption. The Curve System was created as a simple, accurate, and affordable way to achieve natural-sounding acoustics.

### Why The Curve Diffusor is better:

- Does not exhibit phase-grating (quadratic-residue) diffusor artifacts - no phase or frequency distortion, no high-frequency limitations, no internal edge diffraction
- Includes a limp-mass MLV membrane bass trap to control low-bass room modes
- Acts as a diaphragmatic absorber in the mid-bass band
- Professionally attractive, with many fabric, color, and finish options
- 42" length allows vertical stacking & alternating vertical / horizontal orientation on walls & ceilings; alternating different widths avoids comb filtering artifacts
- Affordable & easy to install



### Why The Curve System is better:

- The Diffusor reduces narrow reflections and frequency-dependent modes; eliminates parallel-surface flutter echos; includes MLV membrane bass trap
- The Absorber evenly absorbs frequencies from 200-20,000kHz
- The Corner Trap reduces low-frequency corner room modes
- Diffusor and Corner Trap act as diaphragmatic low- to mid-frequency absorbers
- No fiberglass or foam - uses safe "Green" absorbent lining (recycled cotton)
- Mounting cleats and hardware included for easy installation

### The Curve System (all 42" long; custom lengths available):

Diffusors (all with MLV membrane -absorbs 40-200Hz, diffuses 200-20kHz)

Large - 30" w x 10" d

Medium - 21" w x 7" d

Small - 13.5" w x 5" d

Absorber - 21" w x 4.5" d (absorbs 200-20kHz)

Corner Trap - 21" w x 18" d (Med. Diffusor with corner trap - absorbs 40-300Hz, diffuses 200-20kHz)

Stock colors: Black, Silver-Grey, Tan, Red, Blue (custom colors, fabrics & wood veneer finishes available)

Includes 2 vertical mounting cleats, 2 horizontal mounting cleats, & hardware

Options include floor stand legs (1 pair per Curve - includes attachment hardware)

### Applications:

Anywhere sound is important - recording, overdubbing, & mixing studios; home theaters & music rooms; broadcast booths & control rooms; video studios & post-production suites; film stages & Foley/FX studios; churches; offices; meeting, conference, & board rooms; rehearsal & performance spaces; concert halls; nightclubs; retail stores; bars & restaurants; coffee shops; classrooms & gymnasiums; museums & galleries - install The Curve System for naturally better acoustics.

Visit [www.AcousticGeometry.com](http://www.AcousticGeometry.com) for more information, or call 1.888.227.6645

The Curve System, from

