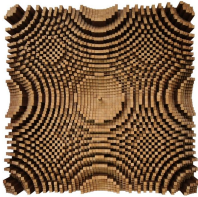
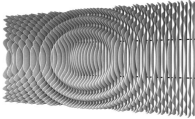
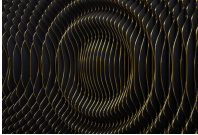
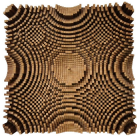
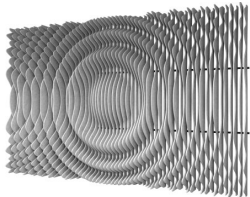
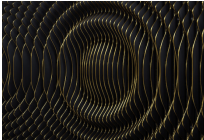


Product	Primary Function	Core Construction	Acoustic Performance / Effect	Design & Aesthetic Notes	Product Images
Hybrid Acoustic Diffuser	Hybrid Absorber & Diffuser	Banded natural oak-wood façade with integrated absorption zones	Diffuses sound in one plane and absorbs in the other. Each unit is engineered to achieve a desired absorption-to-diffusion ratio through optimized pattern geometry.	Concentric wave geometry inspired by natural patterns. Custom built to complement each room’s acoustic character. Available in multiple wood finishes; lighter colors (e.g., white) replace oak segments with high-quality acoustic-grade polymer.	
QRD67 Acoustic Diffuser	Diffuser	Handcrafted solid-wood structure using a quadratic residue design of 168 x 168 cm. Number of points N: 67x67=4489	Precision diffusion geometry derived from quadratic residue number theory (Legrand & Gauss). Evenly disperses sound from 345 Hz upward, minimizing standing waves and maintaining natural liveliness	Best positioned between speakers at wall-height midpoint. Optional inverse diffuser available for symmetrical placement behind the listening position. Minimal distance from the listener: 1.4 m	
Silentmax 3D Acoustic Panel	Broadband Absorber	12 mm *Silentmax® PET acoustic core	Delivers an NRC ≈ 0.9 between 500 Hz – 5 kHz, ensuring broadband absorption and fast reflection decay for high clarity and low fatigue.	3D contour geometry increases the total active acoustic surface area by ≈ 2.4× compared to flat panels, improving sound-energy capture and absorption efficiency	
Silentmax 3D Luxury Edition	Hybrid Absorber & Diffuser	*Silentmax® 3D base panel with hand-applied metallic trims (gold or silver) on each surface segment	Hybrid surface introduces controlled scattering that complements its absorptive behavior, yielding <i>enhanced</i> spatial diffusion and effective reverberation control.	Visually striking 3D concentric-wave pattern with reflective metallic surfaces hand-glued to each panel; merges acoustic precision with interior elegance.	
Custom Acoustic Canvas	Broadband Absorber	Printed *Silentmax® PET acoustic panel	Absorbs echo and excess sound while preserving clarity. Unlike fabric-covered panels , large hi-resolution images can be divided into smaller segments and joined seamlessly for a continuous display.	Custom-printed onto *Silentmax® surface with breathable inks that preserve the acoustic properties of the *Silentmax® core. Any image or artwork can be reproduced without loss of absorption.	

***Silentmax® Material**

— an advanced acoustic core engineered by RDacoustic for broadband sound absorption, **without the drawbacks of fiberglass, foam, or fabric panels**. Made from recycled PET microfibers (18–22 µm) thermally bonded into a precisely porous 12 mm matrix (2.3 kg/m²), it delivers exceptional broadband efficiency (NRC ≈ 0.9, 500 Hz–5 kHz). No shedding, odor, discoloration, or flame risk — **Silentmax® remains stable and safe for decades**. Non-flammable (Class C-s1,d0), antistatic, chemically inert, and free of heavy metals or phthalates (tested by ITC Zlín and CSI Prague). Detailed report available. Fully recyclable, lightweight, and maintenance-free — designed for long-term acoustic and environmental integrity.

Ordering Notes, Sizes & Pricing (includes shipping)

Product	Sizes	Price + Shipping	Product Images
Hybrid Acoustic Diffuser - Installation & Package Details: Custom size - max height 3m, width per desired. Assembled in 1m wall-mounted segments, which are fixed directly on the wall. Pricing includes the wooden frame for wall hanging.	Custom size 200 x 100 cm 300 x 200 cm	\$1999 / m² \$3998 \$11,899	
QRD67 Acoustic Diffuser - Installation & Package Details: Delivered as a pre-assembled solid-wood module (168 x 168 cm), 20 cm panel depth, 32 cm total depth.	168 x 168 cm	\$22,300	
Silentmax 3D Acoustic Panel - Installation & Package Details: Delivered as a modular kit containing 32-40 Silentmax® acoustic segments and two 244 cm Easy-Fix profiles . The patented anchoring system allows quick, tool-free installation. Each segment slides into place and self-aligns within the profile for a clean, uniform surface.	Gray/Black: 200 x 122 cm Gray/Black: 244 x 244 Gray/Black: 400 x 244 cm	\$3499 \$7499 \$11,499	
Silentmax 3D Luxury Edition – Installation & Package Details: Same installation and packaging as the Silentmax 3D Panel.	Silver/Gold: 200 x 122 cm Silver/Gold: 244 x 244 cm Silver/Gold: 400 x 244 cm	\$4999 \$11,999 \$17,499	
Custom Acoustic Canvas - Installation & Package Details: Frameless wall-mount design (12 mm thick). Panels can be affixed directly to walls using mounting hooks, corner bars, Velcro, or acoustic-grade adhesive. Individual segments can be aligned edge-to-edge to create one seamless large image without visible breaks.	61 x 61 cm / 0.88 kg 122 x 61 cm / 1.75 kg 122 x 122 cm / 3.5 kg 244 x 122 cm / 7 kg Oversized options: 244 x 244 cm / 14 kg 366 x 244 cm / 21 kg 488 x 244 cm / 28 kg	\$376.74 / m²	

RDacoustic Acoustic Solutions — designed and engineered in the Czech Republic

Distributed exclusively in USA by **M101**

Contact: m101@m101.com | m101.com | 781-526-9012



*M101 Audio is the exclusive distributor for RD Acoustic architectural products in North America.
We collaborate directly with the RD Acoustic engineering team to design, specify, and install sound-tuned interiors that combine aesthetics with performance.*