

The Mic Thing

Microphone Isolator



VOCAL RECORDING
DRUMS & PERCUSSION
STUDIO MONITORING
GUITAR & BASS CABINETS
VOICEOVER
BROADCAST

**A SIMPLE AND COST EFFECTIVE WAY TO MINIMIZE
ROOM ARTEFACTS AND IMPROVE SEPARATION**

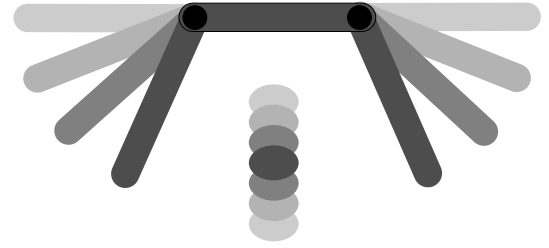
www.wavepanels.com

Good mic separation and isolation means a cleaner recording and a more controlled end result. And although the question of how much separation is really necessary in any given situation, audio engineers around the world unanimously agree that, if given the chance, they would rather be in control of these factors, than not.

The Mic Thing is essentially a 2" (50mm) thick acoustic tile housed inside an adjustable lightweight steel frame. It can be mounted on just about any mic, drum or speaker stand up to 1" (25mm) in diameter. The two winged panels are adjustable in order to create anything from a flat, planar absorber to a tight, sound isolating semi-circle. This flexibility of design allows great manipulation of both separation and sound absorption.

Size fully expanded: 29 1/8" x 16 3/4" x 2" (740mm x 400mm x 50mm)
Shipping weight: 14lbs. (6.5kg)

By tightening the wing panel attitude, greater isolation and a dryer sound can be achieved



Varying the mic position will also affect results

Three views of wing panel attitudes:



Flat. Improved separation with less room reverberation.



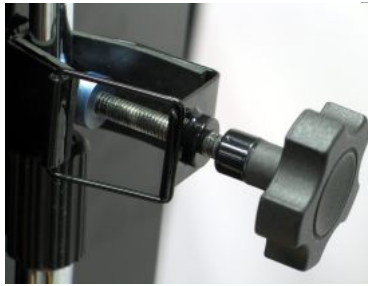
Wide. Increased isolation and dryness with minimal treble attenuation.



Tight. Very dry sound with attenuated treble response



Two screw clamps means easy mounting to tube widths of up to 1" (25mm) diameter.



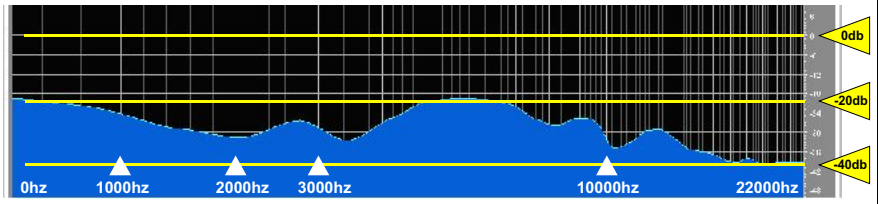
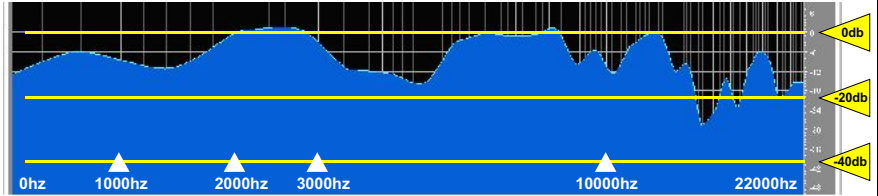
Solid metal panels act as additional sound barriers.



Four bolts allow quick and simple adjustment of panel attitude



The two graphs to the right indicate the effectiveness of the isolation. By using broadband white noise under anechoic conditions, the top graph shows the amount of spill a large diaphragm studio condenser microphone using a cardioid pattern picks up from directly behind at 3ft (1m). The bottom graph is the very same signal being attenuated by The Mic Thing mounted 1ft (30cm) behind the mic.

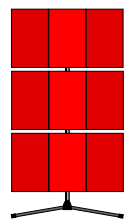


The absorbing panel is treated with **Ultra-Fresh**® anti-microbial. Controls bacteria, mold, mildew and fungi. See web: www.ultra-fresh.com

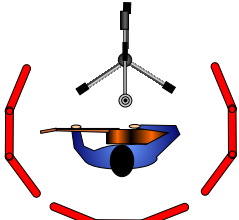
It also incorporates fire retardant agent and conforms with British Standard 2 (5852 with source 2 ignition) fire safety specifications.

Multiple panels can be used in many creative ways

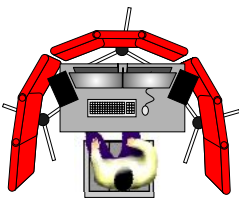
Stacked together



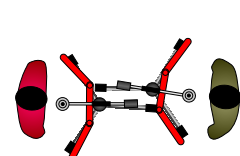
Controlling room ambience



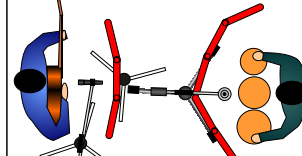
Temporary control room



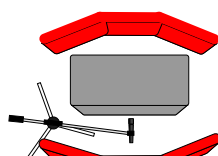
Vocal separation



Instrument separation



Amps and cabinets



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