

ASC WindowPlug™



- ◆ Plug and play, instant soundproofing
- ◆ Easily mounts in almost any window opening
- ◆ Very customizable to fit your needs
- ◆ Can be stacked for large window openings
- ◆ Quick and simple installation
- ◆ Low cost acoustic solution without the clutter
- ◆ Blends in with existing decor

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WindowPlug: Instant Soundproofing for Windows



The biggest single soundproofing problem in homes is the window. It is the weakest link when it comes to sound containment. You could buy expensive retrofit "soundproof windows" and still only achieve STC 34, which still allows a lot of sound penetration. Or you can save the remodel expense and hassle and just get a custom sized ASC WindowPlug. Keep your existing window, and get excellent soundproofing results instantly.

Beautiful Quality

If you have a home recording studio, home theater, hi-fi listening room or music practice room, the ASC WindowPlug is designed with music in mind. We've combined function and aesthetics to give the plug a furniture-like appeal. Use the versatile WindowPlug in situations where a permanently blocked window is simply not possible, or in multi-purpose rooms such as a living room that is also a part-time home theater.

If you can hear outdoor noise through your window, typically low frequency sound and vibration, WindowPlug provides the stopping power you need. As well, if you want loud



sound inside your house late at night without breaking the peace and quiet in the rest of the neighborhood, the ASC WindowPlug is for you.



Custom Fitted to Your Window

Each WindowPlug is custom sized to fit your window opening. The unit is then friction fitted into place using the perimeter felt gasket to hold it firmly. These units use mass and damping to stop sound. The standard frame is black laquered medite, or you can opt for beautiful oak or maple. Comes with a variety of front/back facing materials to suit your needs.



How WindowPlugs Work

The WindowPlug uses a felt gasket to seal your window opening. The gasket is actually a 1" thick slot loaded technical felt, which compresses 1/8" to allow for window sill irregularities and hold the plug tight in place. Just like a sheet of lead is an excellent soundproofing material, the WindowPlug uses the same Damped Limp Mass principle, but without the lead.

Each plug comes with ergonomically positioned handles. The WindowPlug can be made in sets of two or three to fit into larger windows or curved windows. Maximum weight is 35 lbs (16 kg) or less as specified by the application. These units weigh about 4 lbs. per square foot (16.2 kg per square meter).

Peace and Quiet

If you are a "Day Sleeper" because you work at night, an added benefit of the WindowPlug is that it will keep your room dark and quiet all day long.

The WindowPlug uses three layers of medite plus two layers of WallDamp to add about 25 dB STC to your existing window. Most importantly, because of their weight and their triple laminated layer construction, the WindowPlug not only block bass but they absorb bass.

Made with Music in Mind

High power audio applications use WindowPlugs to eliminate sympathetic resonance from the windows in an audio room. Recording studios, high end home theater and hifi require calm walls, doors and windows. The windows are generally lightweight, large and easily stimulated into plate vibrations. These vibrations continue to vibrate long after the musical dynamic is over. The end result is sonic blur and sound masking. Also, for accurate bass reproduction, acoustically soft windows must not be located near the speakers. With ASC WindowPlugs, it is possible to arrange the playback room without worrying about where the windows are located.

Many Variations Possible

While the basic WindowPlug design principle is always the same, many creative and unique variations and adaptations are possible. The WindowPlug is typically covered with fabric or thick felt. However, it can be fitted out with sound panels.

