



## Overview

Sound Insulating Acoustic Switchable Smart Glass is a great innovation and feature of switchable glass. Noise is all around. Research said that traffic and noise in future will only get worse. Careful selection of a proper glass will help to reduce noise level. How acoustic switchable glass works? The highest noise insulation is achieved using an acoustic switchable smart glass. Noise is controlled by: Reflecting the noise back towards the source, Absorbing the noise energy within the glass. Acoustic switchable smart glass insulate the sound in different ways-increasing thickness of glass, laminated switchable glass integrated with an insulating glass unit.

## Tech Specs

- Input voltage: 36-240vac. 12v Dc
- Frequency: 50/60Hz
- Work voltage: 36-60vac
- Switching time: Less than 1 second
- Power consumption: 6watt/square meter
- Operation: On-Transparent/Off-opaque
- Visible Light Transmittance: 83%(On) / 57%(Off)
- Parallel light transmittance: 78%(On) / 5%(Off)
- Hazz: 7%(On) / 90%(Off)
- Thickness: 12mm, 14mm, 27mm, 29mm, 32mm, etc.
- Visible angle: 120degree.
- Work temperature: -50/60 centigrade degree.
- Single panel max size: 1.8\*3.6meters

## Benefits

- Toughened security glass
- Easy maintenance and cleaning
- Instant privacy
- Thermal & Solar insulation
- Sound & Noise insulation
- UV block 99%
- Multiple colors wide range option.
- Energy efficient
- Flexible bespoke manufacturing into any size and shape.
- Multiple control: Switch, dimmer, remote control, wifi app.
- Low energy consumption

## Application

- Window & doors
- Bathroom
- Glass divider / partitions
- Meeting room
- Factory environment
- Curtain glass wall.
- Skylights
- Sun Room
- Privacy & security glass
- Healthcare room