

ClearPix™ 4 White 0.7

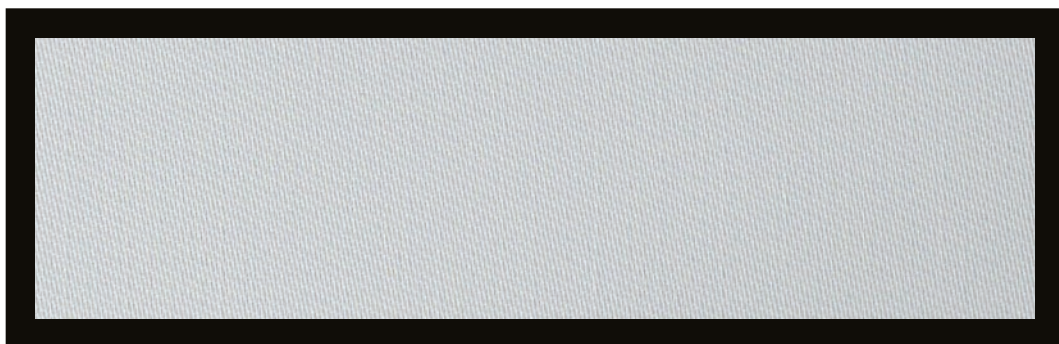
Conceived for Ultra HD resolutions. It has been designed primarily for superior home theater applications in controlled light environments. ClearPix™ 4 is an excellent solution for no-compromise Ultra High Definition picture, providing as well true acoustic transparency. Its non-geometric structure allows sound to pass through with no attenuation and therefore no modification of the loudspeaker response curve is necessary. A perfectly flat-spectral color response is maintained even off-axis throughout the whole recommended viewing angle. It is certified by both THX and ISF ensuring reference audio and video performance. All ClearPix™ screens feature a StopLight™ black backing layer as standard. This stops projected light from passing through the screen surface and causing distracting reflections from any elements placed behind the screen.

Features

- > Superior performance acoustically transparent matte white screen material
- > Designed for Ultra HD resolutions
- > Compatible with controlled light conditions
- > Perfect color balance and white field uniformity with no hot spots
- > Moiré-free
- > Patented design
- > THX® and ISF® certified

*Please check available screens for this projection surface on our pricelist.

Sample



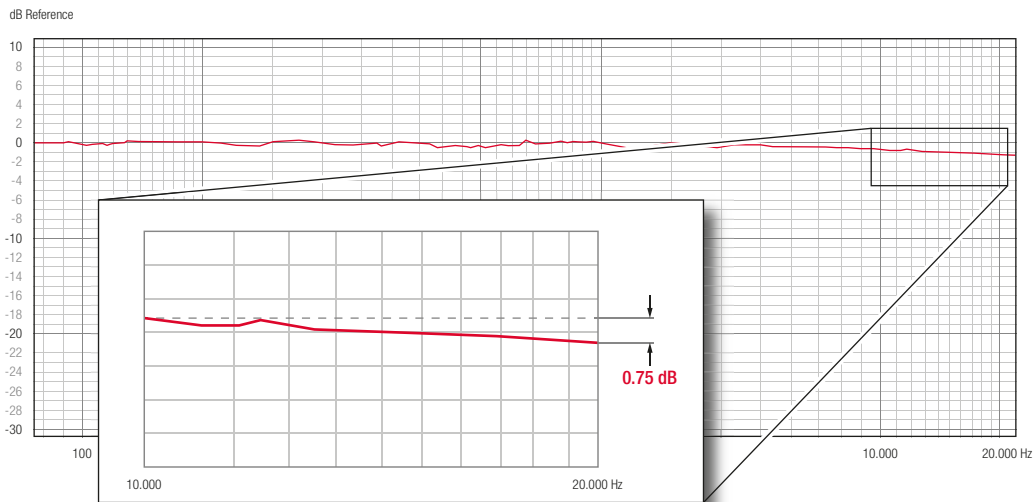
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Specifications

| | |
|-------------------------------------|---|
| Material Type | Flexible Front Projection |
| Material Structure | Woven Fiberglass Core PVC Coated |
| True Gain | 0.7 |
| Viewing Angle | 180° |
| Resolution | 4K Ultra HD Compatible |
| Minimum Throw Distance | UST |
| Speckle-Free | Yes |
| Moiré-Free | Yes |
| True Acoustic Transparency | Yes |
| Acoustic Transparency | 0.75dB of Acoustic Loss Between 10kHz and 20kHz |
| Acoustic Transparency with BB Layer | 1.5dB of Acoustic Loss Between 10kHz and 20kHz |
| ALR Ambient Light Rejection | 3/10 |
| Lay Flat Quality | Excellent |
| Flame Resistance | Yes |

Acoustic Transparency



Acoustical transparency is tested with impulse response measurements using a Log-Sine Sweep test signal and repeated eight (8) times. A measurement microphone is placed at a distance of 1m from the loudspeaker used for the test. First the system measures itself and the surrounding environment and the result is used as a transfer function for subsequent measurements. This provides a reference flat line response from 80Hz-22kHz (0dB line). Then, a 1m x 1m section of screen material is placed in front of the loudspeaker and measured. The results shown above are the deviations from the flat-line response caused by placing the screen material in front of the loudspeaker. Loss caused by the screen is indicated as a dB change between 10kHz and 20kHz.

Reference Color Accuracy

At Screen Research we are very dedicated to achieve a flat spectral response with our screens. Our screen materials are designed to be easily calibrated to D65. Particular attention is dedicated to achieve a flat spectral response off-axis and to avoid even the smallest color-shifts, not only on-axis, but throughout the whole recommended viewing angle.