The Tensioned Contour® Electrol® is the latest ceiling or wall-mounted electric screen offering simple installation. A variety of finishes and veneer options make this a seamless addition to any room.

Tensioned screens ensure the smoothest surface possible.

Features

- All sizes standard with 12” of black drop except for Parallax which is standard with 2”
- Standard Silent Drive System to keep your screen whisper quiet (sizes up to 10’x10’)
- Standard Low Voltage Control (LVC) to keep your screen operation flexible
- Smooth Roll Technology to keep your screen perfectly flat
- Slim-Tab, a lower profile, stronger tab design to keep your screen perfectly taut
- Simple Installation with a new installation kit and user-friendly packaging to keep you on schedule
- Support includes a comprehensive five-year warranty to keep you confident in your purchase
- Tensioning Cable System to prevent warping and ensure even lateral tension
- Available with SCB-100 or SCB-200 (RS-232 serial control board) built into the case (adds 3¾” to overall length of case)
- Available with Video Projector Interface (screen trigger) built into the case (adds 3¾” to overall length of case of 220V motor version)
- Decora-style, three-button wall switch
- Standard black backing retains projected brightness on front projection surfaces
- Seamless surfaces
- Standard white powder-coated aluminum finish; available in black finish upon request

Optional Accessories:

- Radio Frequency Wireless Remote
- Infrared Wireless Remote
- Locking Switch Cover Plate

### 16:9 HDTV Format

<table>
<thead>
<tr>
<th>Viewing Area (H x W)</th>
<th>Nominal Diagonal</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>cm</td>
</tr>
<tr>
<td>45” x 80”</td>
<td>114 x 203</td>
</tr>
<tr>
<td>52” x 92”</td>
<td>132 x 234</td>
</tr>
<tr>
<td>54” x 96”</td>
<td>137 x 244</td>
</tr>
<tr>
<td>58” x 104”</td>
<td>147 x 264</td>
</tr>
<tr>
<td>65” x 116”</td>
<td>165 x 295</td>
</tr>
<tr>
<td>78” x 139”</td>
<td>198 x 353</td>
</tr>
<tr>
<td>90” x 160”</td>
<td>229 x 406</td>
</tr>
</tbody>
</table>

### 16:10 Wide Format

<table>
<thead>
<tr>
<th>Viewing Area (H x W)</th>
<th>Nominal Diagonal</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>cm</td>
</tr>
<tr>
<td>50” x 80”</td>
<td>127 x 203</td>
</tr>
<tr>
<td>57¼ x 92”</td>
<td>146 x 234</td>
</tr>
<tr>
<td>60” x 96”</td>
<td>152 x 244</td>
</tr>
<tr>
<td>65” x 104”</td>
<td>165 x 264</td>
</tr>
<tr>
<td>69” x 110”</td>
<td>175 x 279</td>
</tr>
<tr>
<td>72¼” x 116”</td>
<td>184 x 295</td>
</tr>
<tr>
<td>87” x 139”</td>
<td>221 x 353</td>
</tr>
<tr>
<td>100” x 160”</td>
<td>254 x 406</td>
</tr>
</tbody>
</table>

### 4:3 Video Format

<table>
<thead>
<tr>
<th>Viewing Area (H x W)</th>
<th>Nominal Diagonal</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>cm</td>
</tr>
<tr>
<td>43” x 57”</td>
<td>109 x 145</td>
</tr>
<tr>
<td>50” x 67”</td>
<td>127 x 170</td>
</tr>
<tr>
<td>60” x 80”</td>
<td>152 x 203</td>
</tr>
<tr>
<td>69” x 92”</td>
<td>175 x 234</td>
</tr>
<tr>
<td>87” x 116”</td>
<td>221 x 295</td>
</tr>
<tr>
<td>108” x 144”</td>
<td>274 x 366</td>
</tr>
<tr>
<td>120” x 160”</td>
<td>305 x 406</td>
</tr>
</tbody>
</table>
Available with the Following Screen Surfaces

Front Projection

- **Parallax 0.8***
  - Horizontal Half Angle: 85°
  - Vertical Half Angle: 17°
  - Gain: 0.8

- **HD Progressive 0.6**
  - Half Angle: 85°
  - Gain: 0.6

- **HD Progressive 0.9**
  - Half Angle: 85°
  - Gain: 0.9

- **HD Progressive 1.1**
  - Half Angle: 85°
  - Gain: 1.1

- **HD Progressive 1.1 Perf**
  - Half Angle: 85°
  - Gain: 1.1

- **HD Progressive 1.1 Contrast**
  - Half Angle: 60°
  - Gain: 1.1

- **HD Progressive 1.1 Contrast Perf**
  - Half Angle: 60°
  - Gain: 1.1

- **HD Progressive 1.3**
  - Half Angle: 75°
  - Gain: 1.3

- **Da-Mat**
  - Half Angle: 60°
  - Gain: 1.0

- **High Contrast Da-Mat**
  - Half Angle: 45°
  - Gain: 0.8

Rear Projection

- **Dual Vision**
  - Half Angle: 65°
  - Gain: 0.9

- **Da-Tex**
  - Half Angle: 30°
  - Gain: 1.3

*NOTE: The Contour Electrol featuring Parallax will look visibly different when compared to other Da-Lite tensioned screens with vinyl surfaces. This is due to the nature of the Parallax material, which is a micro-layered, high-grade plastic lens system. While it may have slight variations in appearance, it is optically flat. Meaning, that when under projection, the Contour Electrol featuring Parallax will perform on the same level as the Da-Lite 4K ready HD Progressive surfaces.

Product images

- White Case (Standard)
- Black Case
Parallax 0.8 Projector Placement

The examples below are for a ceiling mounted projector, but can be reversed for a table-top projector.

- Parallax 0.8 requires a minimum Lens Throw Ratio of 1.5:

  How to calculate Projection Distance (x):
  
  Projection Distance = Screen Width (viewable) x Lens Throw Ratio

  Example:
  180" projection distance + 96" wide screen = 1.88 (188.1 Lens Throw Ratio)

- How to calculate Lens Throw Ratio:
  
  Lens Throw Ratio = Projection Distance / Screen Width (viewable)

  Example:
  87" wide screen x 15 (minimum lens throw ratio) = 130.5 (1305" projection distance)

- If the Projection Distance (x) is known, find the Maximum Vertical Offset:
  
  Maximum Vertical Offset (y) = 0.4 x Projection Distance (x)

  Example:
  Projection Distance (x) = 130.5"
  130.5" x 0.4 = 52.2"
  52.2" = Maximum Vertical Offset

- If the Vertical Offset (y) is known, find the Minimum Projection Distance:
  
  Minimum Projection Distance (x) = 2.5 x Vertical Offset (y)

  Example:
  87" wide screen with a 60" Vertical Offset (y)
  60" x 2.5 = 150"
  150" = Minimum Projection Distance

• If the Projection Distance (x) is known, find the Maximum Vertical Offset:

  Maximum Vertical Offset (y) = 0.4 x Projection Distance (x)

  Example:
  Projection Distance (x) = 130.5"
  130.5" x 0.4 = 52.2"
  52.2" = Maximum Vertical Offset

• If the Vertical Offset (y) is known, find the Minimum Projection Distance:

  Minimum Projection Distance (x) = 2.5 x Vertical Offset (y)

  Example:
  87" wide screen with a 60" Vertical Offset (y)
  60" x 2.5 = 150"
  150" = Minimum Projection Distance