**Screen Maintenance**

Dust, dirt and scratches on the projection screen surface will affect the quality and performance of the projection image. Follow the instructions below to properly maintain the screen:

1. The screen surface has a horizontal structure. **DO NOT** wipe the screen up and down or in a circular motion. **Wipe from left to right only**.
2. Clean the dust on the screen surface with a soft brush or microfiber cloth. A rough towel or cloth may damage the screen’s surface.
3. Gently wipe the screen with a moistened microfiber cloth with mild soap diluted in water.

**Notes:**

- The following precautions should always be followed to avoid damaging the material, which is not covered under warranty.
  - **Don’t touch** the screen material to avoid leaving fingerprints. Use gloves when handling the material.
  - **Don’t scratch** the material, as it will leave permanent markings on the screen’s surface.
  - **Don’t point** to the screen material with a fingertip or other sharp objects to prevent damage to the material.
  - **Don’t use** acetone, benzene, alcohol and any other organic solvents to clean the screen material. Using such chemicals will permanently damage the screen.

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**Dimensions Table**

<table>
<thead>
<tr>
<th>Unit: mm (inch)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR90H-CLR</td>
<td>2013</td>
<td>1993</td>
<td>1142</td>
<td>1122</td>
</tr>
<tr>
<td></td>
<td>(79.3&quot;)</td>
<td>(78.5&quot;)</td>
<td>(45.0&quot;)</td>
<td>(44.2&quot;)</td>
</tr>
<tr>
<td>AR100H-CLR</td>
<td>2234</td>
<td>2214</td>
<td>1305</td>
<td>1285</td>
</tr>
<tr>
<td></td>
<td>(88.0&quot;)</td>
<td>(87.2&quot;)</td>
<td>(49.8&quot;)</td>
<td>(49.0&quot;)</td>
</tr>
<tr>
<td>AR120H-CLR</td>
<td>2677</td>
<td>2657</td>
<td>1514</td>
<td>1494</td>
</tr>
<tr>
<td></td>
<td>(105.4&quot;)</td>
<td>(104.6&quot;)</td>
<td>(59.6&quot;)</td>
<td>(58.8&quot;)</td>
</tr>
</tbody>
</table>

**Note:** The listed measurements are for general reference only.

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**Hardware and Parts List**

1. Edge Trim A x2
2. Frame A x2
3. Wall Bracket x4
4. Anchor x8
5. Wood crews x8
6. Short Center joints x2
7. M4x6 Screws x24
8. Long Center joints x4
9. Edge Trim B x2
10. Frame B x2
11. M5x6 Screws x48
12. Elbow Joints b x4
13. Edge Trim C x2
14. Frame C x2
15. Elbow Joints a x8
16. Support Bar x1
17. Springs a x74-84
18. StarBright CLR® material x1
19. Springs b x8

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**Screen Installation**

**Frame Assembly**

1. (2) Frame A
2. (10) Frame B
3. (14) Frame C
4. (14) Frame C
5. (10) Frame B
6. (2) Frame A

**Center support bar Installation**

Insert the support bar’s tip into the frame’s groove in the middle, then rotate it and insert the other end on the other side of the frame.

See illustration on the right side on how to properly install the Support bar.
**Screen Material Installation**

1. Put on the supplied pair of white gloves, two people carefully unroll the material on the supplied cloth (keep the front of the material face down)
2. Carefully and gently place the assembled frame on top of the screen material.
3. Adjust the distance between the edge of the frame and the material (a1 = a2) to 35 mm/1.4”

**Unit:mm(inch)**

<table>
<thead>
<tr>
<th>Unit:</th>
<th>90</th>
<th>100</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>L: (Length of left to right)</td>
<td>1500</td>
<td>1500</td>
<td>2000</td>
</tr>
<tr>
<td>H: (Length of top to bottom)</td>
<td>960 (37.8”)</td>
<td>1083 (42.6”)</td>
<td>1332 (52.4”)</td>
</tr>
</tbody>
</table>

**Tolerance:** ±3mm/12”

**Spring Attachment Method**

Hook springs on frame then use spring hook to attach to material

1. **Corner Connection**
2. **Center Connection**

**Edge Trim Installation**

1. Connect edge trims A&B to form the top/bottom trims with the Short Center joints, and then insert them on the top/bottom frames.
2. Connect the side edge trims C with the top/bottom edge trim with elbow joints b.
3. Adjust the trim so that the top and bottom trim pieces are touching and show no gaps on the corners. Then fasten them with the M4 x4 screws.

4. Attach a spring b on the middle of each edge trim (1-6) to the frame as show on the left illustration.

**Wall Installation**

1. **Top Bracket**
2. **Bottom Bracket**

Note: Make sure the direction of the CLR material is correct before you hang the screen to the wall. The material is labeled top or bottom.