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Chroma-Q reserves the right to change or make alteration to devices and their functionality without notice due to ongoing research and development.

The Chroma-Q Studio One 100 range has been designed specifically for the lighting industry. Regular maintenance should be performed to ensure that the products perform well in the entertainment environment.

If you experience any difficulties with any Chroma-Q products please contact your selling dealer. If your selling dealer is unable to help please contact support@chroma-q.com. If the selling dealer is unable to satisfy your servicing needs, please contact the following for full factory service:

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support@chroma-q.com

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For further information please visit the Chroma-Q website at www.chroma-q.com.

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1. **Overview**  
The Chroma-Q® Studio One 100 T is a tungsten LED Par fixture with a fully homogenised beam. Built with an internal power supply, the fixture operates as a standalone unit with the wireless IR Remote or controlled via an external DMX console.

2. **Safety**  
   1. This product is for professional use only. It is NOT intended for domestic or outdoor use.
   2. The bright flash of light during power-up & continuous strobe may cause epileptic seizure.
   3. This product must be used with safety cable.

3. **Cabling**  
The Studio One 100 T is built with chassis mount powerCon connectors for power input/through and chassis mount XLR 5-pin for DMX input/through.

4. **Mounting**  
The Studio One 100 T is built with a split yoke system for floor mounting and overhead hanging applications. Secure the fixture with a safety bond. A provision for the fixing hold is built into the enclosure.

5. **Optics**  
The Studio One 100 T is built with optical lens that provide a fully homogenised beam angle of approximately ~18°.

6. **Control**  
The control functions are accessed through the LCD display at the rear with 4 push buttons:

   - **Back Arrow** (Enter) Stores the menu choice
   - **Up Arrow** Increases (+) the mode level or value
   - **Down Arrow** Decreases (-) the mode level or value
   - **Exit** Back to the previous menu

**Power-Up Display:**  
The software version is displayed on power up then proceeds to the Main Menu. The Main Menu shows the model name, DMX status and start address, set control mode (Personality) and number of assigned DMX channels.

**Display Mode:**  
The LCD display is backlit when you access the menu and turns off when left undisturbed for 5 seconds.

**IR Remote:**  
The remote infrared control unit features control buttons for: On, Off, Fading Up, Fading Down; and buttons applicable to the Color One 100 model - various colours, white and 4 effects (Flash, Strobe, Fade, Smooth). Set the fixture for IR Remote control by selecting IR Remote in the menu No DMX Present. Point the IR Remote towards the fixture.

**Control Menu**  
To navigate the Control Menu options from the Main Menu,
- Use the Up and Down arrows to navigate the control menu options
- Press the Back arrow (Enter) to select a control menu option
- Press the Back arrow (Enter) to save the setting and display shows Done
- Press Exit to return to the Main Menu

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### Main Menu

**DMX Address**  
From the Main Menu, press Enter to adjust the DMX start address

1. **Personality**  
Select from the following control mode options:

<table>
<thead>
<tr>
<th>Mode</th>
<th>Display</th>
<th>Ch</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1-Dimmer</td>
<td>1</td>
<td>Intensity control of all LED</td>
</tr>
<tr>
<td>2</td>
<td>2-Master</td>
<td>0</td>
<td>Master Standalone</td>
</tr>
<tr>
<td>3</td>
<td>3-Slave</td>
<td>0</td>
<td>Slave Standalone</td>
</tr>
</tbody>
</table>

2. **No DMX Present**  
If DMX is not detected, various output options can be selected:

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Off</td>
<td>Fixture has no light output</td>
</tr>
<tr>
<td>2-Hold Last</td>
<td>Fixture holds the last valid DMX state</td>
</tr>
<tr>
<td>3-IR Remote</td>
<td>Fixture is controlled via remote infrared control unit</td>
</tr>
<tr>
<td>4-Look 1</td>
<td>Fixture snaps to the recorded Look 1</td>
</tr>
<tr>
<td>5-Look 2</td>
<td>Fixture snaps to the recorded Look 2</td>
</tr>
<tr>
<td>6-Look 3</td>
<td>Fixture snaps to the recorded Look 3</td>
</tr>
<tr>
<td>7-Look 4</td>
<td>Fixture snaps to the recorded Look 4</td>
</tr>
<tr>
<td>8-Look 5</td>
<td>Fixture snaps to the recorded Look 5</td>
</tr>
</tbody>
</table>

3. **Look Store**  
5 Looks can be stored for standalone operation. To recall a Look in standalone operation, use the Up/Down arrows to scroll through Look 1-5, press Enter to recall the Look, press Up/Down to increase or decrease the Intensity “I”, and then press and hold Enter to save the Look. Looks can be recorded to Looks 1-5, and will be preserved on power down. Looks will be returned to default settings upon reset.

4. **Technical**  
Software Version, DMX Data settings, internal Temperature and LED Calibration values are displayed; Frequency settings of the fixture can be changed. In the Frequency menu, select from the following options: 750, 1500, 3000 and 6000 (Hz), which allows for the LED scan rate to be synchronised with the video camera and avoid a flickering effect.

5. **Reset**  
All control menu commands are reset to factory defaults: DMX address: 1, Personality: Dimmer, No DMX Present: Hold Last, Look Store: Look 1, Frequency: 750 Hz

7. **Further Information**  
Please refer to the Chroma-Q Studio One 100 T manual for more detailed information. A copy of the manual can be found at the Chroma-Q website – www.chroma-q.com – under Support.