
Technical Bulletin

Marquee "Snap"

This bulletin explains how to correct an adjustment "snap" in Marquee projectors.

Applies to Marquee 8110, 8500, 8500LC, 9500LC with Control Module PCB#50-002036-03P manufactured before July 1997.

Applies to Marquee 8000/9000 series Control Module PCB#50-2006-02P

● The "Snap" Symptom

The "snap" problem occurs when a hardware adjustment seems incorrect and simply retrying the adjustment (with one touch of the key) makes the visible adjustment "snap" back to where it should be according to the slide bar's normal operation.

The most common snapping problems have occurred with Static Stigmation, Focus and HSIZE. The "snap" problem can conceivably occur on any adjustment controlled via a TDA8444 I²C device. These adjustments include:

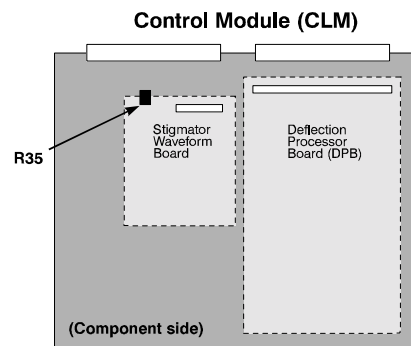
- RGB center **stigmator** adjustments (service menu).
- RGB center, left and right **focus** adjustments (service menu), **master focus** in the Picture menu.
- RGB **G2 controls** (service menu, color temperature setup) and **internal video level** (no user adjustment).
- **Horizontal Size** in the Geometry and Picture menus.
- RGB **center convergence** adjustments, both horizontal and vertical.

● How to Correct

On the Control Module PCB (50-002036-03P), change R35 from 470R SM to 3k3 SM (see right). This surface mount resistor is Electrohome part #70-733013-21P.



Note: This modification requires handling of electronic components and should be performed by qualified service personnel only.



Please use proper Electrostatic Discharge (ESD) procedures. If you are uncomfortable with performing the above modification, it can be done for you at an authorized Electrohome service depot.