

Film-Tech

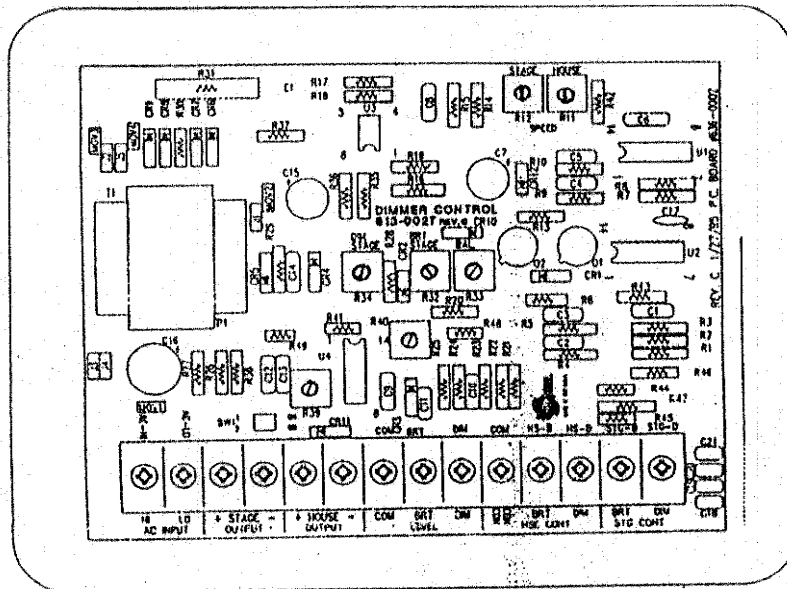
The information contained in this Adobe Acrobat pdf file is provided at your own risk and good judgment.

These manuals are designed to facilitate the exchange of information related to cinema projection and film handling, with no warranties nor obligations from the authors, for qualified field service engineers.

If you are not a qualified technician, please make no adjustments to anything you may read about in these Adobe manual downloads

www.film-tech.com

Dimmer Control Board Adjustment Procedure 613-0027 Rev. C



Start by pre-setting the following potentiometers as shown:

- External Dim adjust pot (25K): Full CCW position. *LEFT*
- External Bright adjust pot (500K): Full CW position. *RIGHT*
- R34 Dim Stage pot: Full CCW position. (fig. 2)
- R32 Bright Stage pot: Full CW position. (fig. 2)
- R33 Balance pot: Mid position. (fig. 2)
- R39 Fine adjust stage balance pot: Full CW position. (fig. 3)
- R40 Fine adjust house balance pot: Full CW position. (fig. 3)

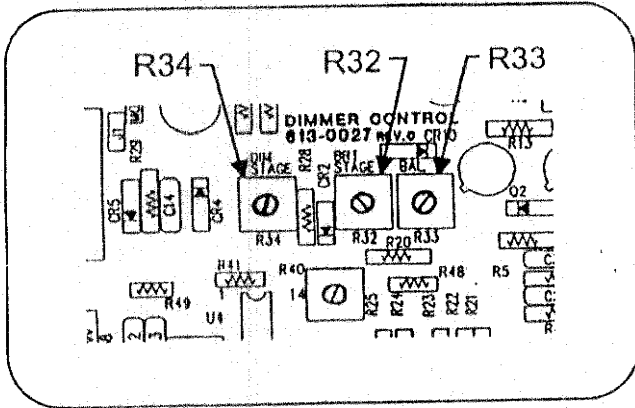


Fig. 2

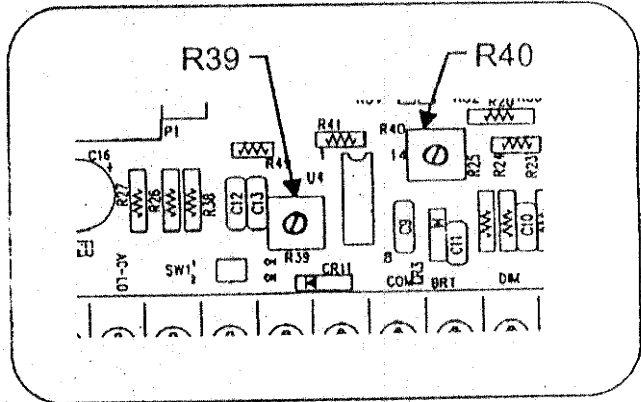


Fig. 3

Dim both the stage and house lights with the manual dim switch.

Adjust balance pot R33 to where both stage and house lights are as dim as possible.

Adjust fine adjust stage balance pot R39 counter-clockwise until stage and house lights illuminate to the full bright level. Then, adjust R39 clockwise to that point where the lights dim and leave R39 at this position.

Adjust fine adjust house balance pot R40 counter-clockwise until the house lights illuminate to the full bright level. Then, adjust R40 clockwise to that point where the house lights dim and leave R40 at this position.

Finally, re-adjust balance pot R33 in a clockwise direction until both stage and house lights illuminate to the full bright level. Then, adjust R33 counter-clockwise to that point where lights dim. If either stage lights or house lights have any glow visible, re-adjusting R39 and R40 very slightly either direction from their previous position may be required. If R39 and R40 are re-adjusted, finalize the adjustment procedure by re-adjusting balance pot R33.

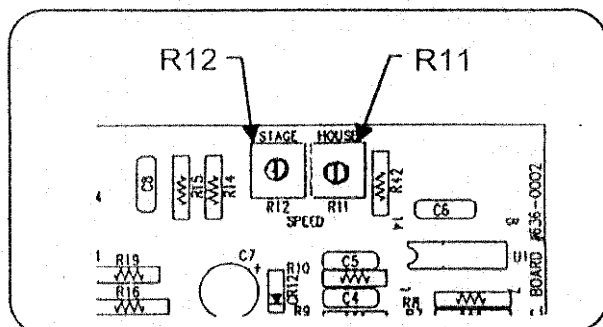


Fig. 4

Potentiometers R11 and R12 are for adjusting the ramp up and down speeds for the stage and house lights.