
Technical Bulletin

Re: Revised Throw Distance Specifications

Applies to: Some **Marquee 8000 and 9000** projectors manufactured in June & July of 1995. This bulletin also applies to the new **Marquee 8500, 8500LC, and 9500LC** soon to be introduced.

Symptoms: The projector has reduced horizontal size, and for some signals the projected image may not fill the screen.

Cause: Horizontal Deflection Module (HDM) re-design for easier reverse scan accessibility and due to the availability of some key components. The new module has the number **50-2003-07P** silk-screened on the printed circuit board near the top edge of the board. Use this number to identify the board. *(This new module can also be easily recognized as it has in-line plugs on the harnesses coming out of the board that can be used for reversing the horizontal scan without the need to remove the board from its enclosure!)*

Action: The projector may require re-positioning further back from the screen per the following formulas. If possible, we recommend checking the projector at the calculated throw distance with the anticipated source signal(s) before any permanent projector mounts are installed.

For the Marquee 8000 with the new HDM and the new Marquee 8500 (both equipped with HD-8 lenses):

$$TD = 1.5 * W + 12.4''$$

For the new Marquee 8500LC (equipped with Delta HD-10L lenses):

$$TD = 1.95 * W + 3.3''$$

For the Marquee 9000 with the new HDM and the new Marquee 9500 (both equipped with Delta HD-10L lenses):

$$TD = 1.61 * W + 3.3''$$

Note: TD = Throw Distance, as defined by Electrohome, it is the distance from the center of the screen to the front of the green lens in inches.

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W = The width of the projected image (and screen) in inches.