



SIM2 New Product Feature

Perfect Fit (lens-free 2.35/2.40:1)

Why do I need this?

Or, how do I easily re-create the theatrical experience in my home cinema?

SIM2 and the theatrical format



On the left is a TV set with its HDTV aspect ratio, on the right is a cinema screen (not to scale). It is obvious that the TV is not able to fit the shape of the movie image without adding black bars. The projector is able to deliver the real theatrical aspect ratio.

SIM2 Perfect Fit



SIM2's Perfect Fit enables the projector to display 2.35/2.40:1 video material on a 2.35/2.40:1 aspect ratio screen without the black bars. This is achieved by re-sizing the image to fill the screen.

SIM2 Perfect Fit



When viewing a 2.35/2.40:1 movie on the correct aspect ratio screen the image is **78% bigger** than when viewed on a 16:9 screen of the same height.

SIM2 Perfect Fit



Now you can watch the latest Hollywood blockbuster in all its widescreen glory! Just as you would in a real movie theater.

How does it work?

The three adjustments

Step One: zoom to size



Increase the letterboxed image size to fill the screen width using the lens zoom control.

Step Two: shift image into position



Shift the image into position within the screen viewing area.

Step Three: re-focus the image



Use the focus adjustment control to sharpen the image on-screen.

SIM2 Perfect Fit

TV



Movie



Once these adjustments have been made, they can be easily stored and recalled.

SIM2 Perfect Fit

KEY POINTS:

- 1.Three adjustments: zoom, focus and lens shift.
- 2.Memory recall for 1.78:1 and 2.35/2.40:1.
- 3.No additional anamorphic lens required.

SIM2 Perfect Fit

Fully controllable:

- 1.Memory selection via IR/IP* (*if applicable).
- 2.Memory selection via Automation Control System.

NOTE: Perfect Fit is optimized for T2 and T3 lens options, use with a short-throw T1 lens is not recommended.



Perfect Fit vs. SCOPE/FLEX

Which is best?

SIM2 Perfect Fit

Advantages:

- 1.Lower cost. Included in price of projector/low additional cost for option.
- 2.Does not change physical size of the projection system.
- 3.Simple set-up.

SIM2 SCOPE/FLEX system

Advantages:

1. Image resolution. Uses the entire 1920 x 1080 chipset. 25% more pixels.
2. Using entire chipset increases light output over Perfect Fit method. 25% more light.
3. Speed of change between 1.78:1 and 2.40:1. Our motorized lens system only takes about a second to switch between the two formats.
4. No image overspill above and below the screen.

Now there are two choices...

SIM2 Perfect Fit



Advantages:

1. Lower cost. Included in price of projector/low additional cost for option.
2. Does not change physical size of the projection system.
3. Simple set-up*.

Projector positioning critical for focal length.

SIM2 SCOPE/FLEX



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