

PASSIVE 3D FOR EASY, COMFORTABLE & AFFORDABLE VIEWING

DESIGN & INSTALLATION BY: FLEXIBLE PICTURE SYSTEMS



CONCEPT

With the growing demand for 3D displays, most systems currently available to consumers are built on active 3D, requiring expensive and uncomfortable active glasses for viewing. The Image AnyPlace 3D concept is the creation of a more comfortable and economic system with Passive 3D viewing technology using two projectors precisely aligned with the geometry correction of Image AnyPlace.

CHALLENGE

In creating a Passive 3D system, two projectors are used (one for each eye). The 3D information is separated using differently oriented polarizing filters at each projector, instead of the sequential switching that occurs in systems that use active glasses. In order to preserve the 3D effect, the projected images must be aligned precisely across the entire screen. The Image AnyPlace-3D passive system accomplishes this precise alignment using the image geometry correction of the popular Image AnyPlace video processor.

SOLUTION

The superior 3D viewing experience of Image AnyPlace-3D can be scaled, enabling installers to create 3D theaters with ANY screen shape and size and that accommodate larger audience sizes. Image AnyPlace-3D uses cheap passive glasses (compatible with the same viewing system used in movie theaters), which allows for economical viewing by up to hundreds of people. The optical system of Image AnyPlace-3D may be used with any projector, permitting theater designers to match projector optics and light levels to the requirements of the viewing environment. Using Image AnyPlace-3D, viewers can now enjoy a fully-immersive, wide-screen, "Movie-Theater" experience at home and in professional environments. The result is a dynamic picture quality, perfect for the live broadcast spotlight.

