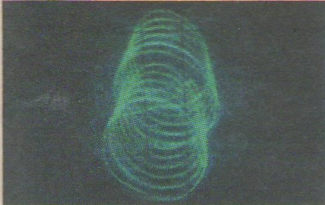


Q&A

Visual sound



COURTESY PHOTO

Artist Walter Funk synchronizes 3-D images and movies with prerecorded music to create an art form called hologyphics. It's currently on display in "Music by the Eye-ful" at Luggage Store Gallery.

What exactly is a hologyphic?

Stereoscopic 3-D movies and animations that are integrated with music. Viewers see true 3-D stereoscopic moving images without special glasses. A viewer can move left to right and see multiple perspectives of the same object, and multiple viewers can each see their own unique view, as in the real world. Infinite views are available within a 90-degree viewing range.

Your keyboard produces the hologyphic images. How? Because I wrote special, customized software and customized hardware that reacts to the keyboard and the user interface. What I'm doing is not a photographic process. [The produced shapes] are based on an algorithm I wrote.

Do other people working in this medium have sounds with their holograms or hologyphics? This is 100 percent uncharted territory; that is part of why I am doing this. Much work has been done with 3-D glasses and music, but the traditional holographic movies developed to date have not had any sort of musical element, and certainly were not controllable in real-time by musical instruments as evolving animations. Stereoscopic movies with glasses are limited to only one perspective — you only get a right and left view, not infinite views. — *Tiffany Maleshefski*

IF YOU GO

Music by the Eye-ful

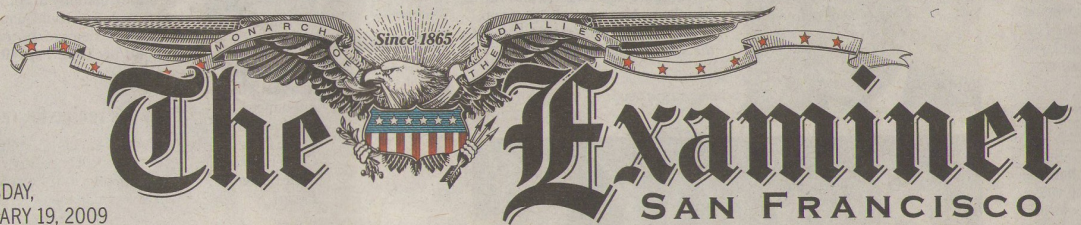
Where: Luggage Store Gallery, 1007 Market St., San Francisco

When: 8 p.m. today

Admission: \$6 to \$10

Contact: (415) 255-5971,

www.luggagestoregallery.org



THURSDAY,
FEBRUARY 19, 2009