

## New Interaction

The Magic Box provides
the user a new means
of interacting with
computers and virtual
spaces by allowing one
to interact with a virtual
world from the inside
while observing the
effects from the outside.



## MAGIC BOX

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Using four LCD screens to display an image, the Magic Box tracksthe user's vision and hand for precise and intuitive interaction. Vision tracking ensures that, regardless of the user's head orientation, the picture stays perspective correct which maintains the illusion of actual space inside the box. Hand tracking ensures that the user's hand location appears on screen where they expect it to appear.

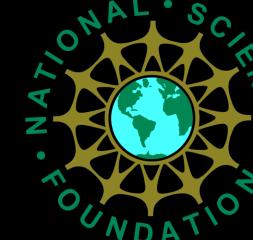




## Construction

The Magic Box is constructed from four LCD screens. A data glove is used for interaction. We use a magnetic tracking system for head and hand positioning and VRjuggler to ensure perspectives are correct.





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