Pinch® Gloves

The simple, effective way to get your hands in a virtual world

Pinch® is a remarkable, intuitive system for interacting with your virtual environment. Sensors in each fingertip detect contact between two or more fingers. You can program these gestures for a wide range of control and interactive functions. The gestures are not dependent on individual hand geometry. The gloves never require calibration. The Pinch® system includes: a pair of gloves, interface electronics, user's guide and tracker mounts. The RS-232 interface allows the Pinch® to be used with virtually any workstation or personal computer. No complicated gesture recognition algorithms are required, so it is easy to integrate Pinch® into your application.

Specifications

CONFIGURATION	
Principle	• Electronic interface • Basic driver software support through Trackd • For Catia and Enovia V5 applications, support is provided through Fakespace CDVi (Catia Drivers for Visualization and Interaction). If your application does not support virtual interaction devices, consult Fakespace about enabling graphics distribution and intuitive devices. Serial protocol definition provided in user manual. Sample code for Win32 and Irix provided upon request. For information on CDVi, visit www.fakespace.com • One right hand and/or one left hand glove
Tracking	• Motion tracker mount for one or both gloves. Wired and wireless tracking systems available (optional) • Two tracker mounts for Ascension or Polhemus sensors included (sensors optional)
Control	• Contact among any two or more digits- fully programmable • The gloves detect when two or more digits come in contact. After the contact is verified, a signal is sent to the host. The time since the last gesture is also sent. • No calibration required
GENERAL	
Communication	• RS232 protocol communicates gesture information • Delta time stamps • Dip-switch selectable baud rates including 9600 and 19200 • Sample source code is available for either PC or SGI
Power	• 120VAC 11W to 9V wall transformer 2.1 mm plug • FCC Class A device
Additional Gloves	• Black, medium sized, large sized, right or left hand
Warranty	• Contact Fakespace for warranty information and extended support options

Specifications subject to change without notice.

Fakespace SYSTEMS

...when seeing is believing

A Mechdyne Company

Canada	▪	China	▪	France	▪	Malaysia	▪	United Kingdom	▪	United States

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