



Flight Helmet™

*“Take
Flight In
The Virtual
World”*



The Flight Helmet is your window to the virtual world. A position sensor mounted on the helmet tells the computer the direction you're looking. The computer generates stereo images that you view on color LCD displays through wide angle optics. As you turn your head, the view changes. The result: You are surrounded by a computer generated world.

The Flight Helmet brings a new level of comfort and convenience to virtual reality. The helmet is light weight (under 4 lbs) and carefully balanced. Because the headband adjusts with a single knob, the Flight Helmet is exceptionally easy to put on. When the headband is opened, the earphones move outward and the helmet slips onto your head. With a quick twist of the knob, the headband and earphones snug up. Flip the power switch and you're ready to fly.

The Flight Helmet is designed with the flexibility to suit your needs. You specify the position sensor you want, and we'll build it in. If you want to display monoscopic images, we can supply removeable lenses that allow you're eyes to converge the images. Video signals are NTSC composite, so you can input from a variety of common sources. RGB to NTSC converters are available.

For further information or to arrange a demonstration, contact Bruce Bassett at Virtual Research.

Virtual Research

Virtual Research Flight Helmet

Specifications

Displays:

Color LCD displays.
Pixel count: 360 x 240

Optics:

Leep Systems wide angle optics

Field of View:

Approximately 100°

Video Signals:

Two NTSC composite signals (one per eye)

Audio:

Sony stereo headphones incorporated

Position Sensing:

Logitech 3-D Head Tracker
Ascension Bird™
Polhemus 3space Isotrack™ or Tracker™

Power Supply:

120VAC to 5VDC. UL listed, CSA approved
Power switch at back of helmet

Power Consumption:

7 watts

Fit Adjustment:

Headband ratchet size adjusted with single
external knob

Cable Length:

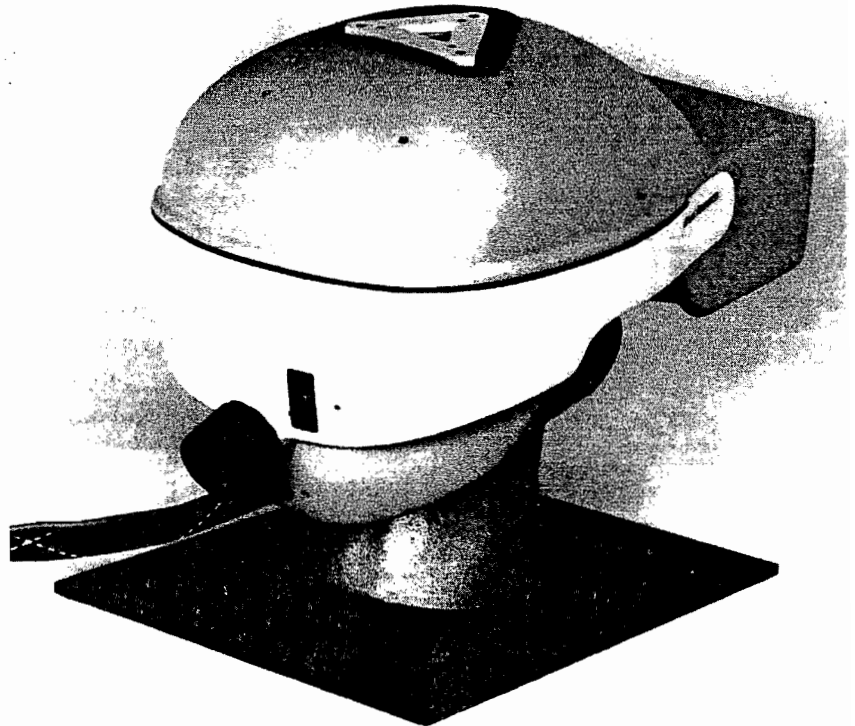
10" in sheath (3m), 3' individual cables
(0.91m)

Weight:

Helmet: 3lbs, 11oz (1.67kg)
Cable: 13oz. (0.37kg)

Overall Dimensions:

16.2" (L), 9.8" (W), 9.2" (H),
(41 x 25 x 23cm)



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