

1990 — Kraft TopTrak Trackball

The TopTrak trackball is medium in size and has rounded corners (figure 1, 2).



Figure 1: Kraft TopTrak trackball

The device is equipped with a 2.5 m cable, which is much longer than the typical distance between the user and the system unit. The trackball has a serial connection interface.



Figure 2: TopTrak, top and bottom views

Additionally, the trackball comes with a steel foot pedal (figures 3, 4), which duplicates the left mouse button and adds another long cable and, despite the moderate size, half a kilo of weight to the device.

The Kraft TopTrak is a fairly compact device (figure 5) when compared to the previous Kraft trackball model released in 1989, which was significantly larger in size, had an accentuated angular



Figure 3: Kraft TopTrak pedal



Figure 4: Kraft TopTrak pedal with a human foot model

body, and was equipped with exactly the same pedal. The manufacturer even positioned it as a trackball for mobile use.



Figure 5: TopTrak on a graduated pad with a grid step of 1 cm

The FCC ID code present on the TopTrak body (figure 2) shows that trackball was developed by the Kraft Systems company in 1990, just one year after the previous model.

In terms of ergonomics, the TopTrak is a significant step forward. The streamlined shape of the case, as well as large left and right buttons that completely occupy the upper corners, provide a fairly comfortable palm position (figure 6). The two buttons located in the middle have the following function: the ribbed button acts as a lock for dragging, and the button located between it and the ball is equivalent to pressing the right and left buttons at the same time [1].

Trackball internals are shown on figure 7. The standard opto-mechanical design is supplemented with massive metal rollers and rolling bearings. This makes it clear that it was designed as a rather durable device, not for the low price segment.



Figure 6: TopTrak with a human hand model



Figure 7: TopTrak disassembled

References

- [1] Berlin E. TopTrak // PC Magazine. October 15, 1991. p. 126-127 <https://books.google.by/books?id=tSLe3yMjc-AC&lpg=PP1&pg=PT123#v=onepage&q&f=false>

