

NAME

450 – handle special functions of DASI450 terminal

SYNOPSIS

450

DESCRIPTION

450 supports special functions of, and optimizes the use of the DASI450 terminal, or any terminal that is functionally identical, such as the DIABLO 1620 or XEROX 1700. It converts half-line forward, half-line reverse, and full-line reverse motions to the correct vertical motions. It also attempts to draw Greek letters and other special symbols in the same manner as *gsi(I)*. 450 can be used to print equations neatly, in the sequence:

neqn file ... | nroff | 450

NOTE: 450 can be used with the *nroff -s* flag or .rd requests when it is necessary to insert paper manually or change fonts in the middle of a document. Instead of hitting the RETURN key in these cases, you must use the LINE FEED key to get any response.

However, in most cases, 450 can be eliminated in favor of the following:

nroff -T450 files... or **nroff -T450-12 files...**

In a few cases, the additional movement optimization of 450 may produce better-aligned output.

The SPACING switch may be in either 10-pitch or 12-pitch position (but that setting can be overridden dynamically). In either case, vertical spacing is 6 lines/inch, unless dynamically changed to 8 lines per inch by an appropriate escape sequence.

SEE ALSO

graph(I), gsi(I), mesg(I), neqn(I), stty(I), tabs(I), greek(V), DASI450(VII), terminals(VII)

BUGS

Some Greek characters can't be correctly printed in column 1 because the print head cannot be moved to the left from there. If your output contains much Greek and/or reverse line feeds, use friction feed instead of a forms tractor. Although good enough for drafts, the latter has a tendency to slip when reversing direction, distorting Greek characters, and misaligning the first line after a long set of reverse line feeds.