

H89PIP GP DEVICE DRIVER DOCUMENT (Jun84)

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This document describes the installation and operation of two HDOS device drivers (GP.DVD and GP2.DVD) intended to operate most any printer via the FBE H89PIP Parallel Interface Port card.

Both drivers will perform an Automatic Formfeed after a specified printed line (to skip over the fold in fanfold paper) and accept a prefix character to enable non-printing control codes to be output with printable characters. The GP.DVD driver simulates Formfeed and Tab characters with Linefeed and Space characters, respectively. The GP2.DVD driver passes the Formfeed and Tab characters to the printer for processing. Use the driver appropriate to your printer.

INSTALLATION

Copy GP.DVD or GP2.DVD from the distribution disk to your system disk renaming it to LP.DVD (or whatever) in the process. Configure the driver, as required, with the SET program using the options described below and reboot the system.

LENGTH n	Set page length. As-delivered, n=66 lines. Range: 4 to 255 lines.
SKIP n	Set Automatic Formfeed point. As-delivered, n=6. Range: 0 to 25.
PREFIX n	Define prefix character in Octal. As-delivered, n=126Q which is the Tilde Character.
HELP	Type a list of set SET options.

OPERATION

## A. Automatic Formfeed:

An Automatic Formfeed occurs after the LENGTH-SKIP line has been printed. SKIP is the number of lines before the bottom of the page (i.e., the bottom margin). To disable this function, set SKIP equal to zero.

## B. End-Of-File Formfeed

A Formfeed occurs when the channel to the printer is closed. The purpose of this "end-of-file" formfeed is to always leave the printer at the "top-of-form" position. When the channel is opened, the driver assumes that the printer is at the top-of-form.

## C. Control Codes

A special prefix character is used to allow mapping of printing ASCII characters into non-printing ACSII control codes. The character following the prefix is mapped "down" by subtracting 32 (decimal) from the character before it is output. This maps printing characters "SP" through "?" into control codes "NUL" through "US." This feature allows control codes to be generated from an editor or other program which does not allow non-printing ASCII characters to be input. The "as-delivered" prefix character is the Tilde (126Q). The prefix character may be changed with the SET program.