

## LEGEND ... FONT

### PURPOSE

Specifies the font of the legends to appear on subsequent plots. See the documentation for the FONT command in the Diagrammatic Graphics chapter for a list of available fonts with sample output for each font.

### DESCRIPTION

The legends are the text which the analyst can position anywhere (via the LEGEND ... COORDINATES command) on a plot. The legends appear on all subsequent plots until blanked out (via a LEGEND command with no arguments) or until overridden with new legends. 100 such legends can be specified.

The legend fonts hold for all subsequent plots until defaulted (via the LEGEND ... FONT command with no arguments) or until overridden with new legend fonts.

### SYNTAX

LEGEND <id> FONT <font>

where <id> is an integer number or parameter in the range 1 to 100 that specifies the legend identifier;

and <font> is a string that specifies the desired legend font (TEKTRONIX, SIMPLEX, DUPLEX, TRIPLEX, COMPLEX, ITALIC, COMPLEX SCRIPT, TRIPLEX ITALIC, SIMPLEX SCRIPT).

### EXAMPLES

LEGEND 1 FONT SIMPLEX

LEGEND 2 FONT DUPLEX

LEGEND 1 FONT

LEGEND FONT

### NOTE 1

A LEGEND ... FONT command with no font reverts the font to default. Thus LEGEND 1 FONT with no font reverts the font of legend 1 to default. A LEGEND ... FONT command with no <id> refers to all 100 legends. Thus LEGEND FONT SIMPLEX assigns the font SIMPLEX to all 100 legends. LABEL FONT with no <id> and no font reverts all 100 legends to the default font.

### NOTE 2

The FONT command sets the default font for a plot. The LEGEND FONT command is used to override the default font for the legends only.

### DEFAULT

All legend fonts are TEKTRONIX (i.e., hardware characters).

### SYNONYMS

None

### RELATED COMMANDS

PLOT	=	Generates a data or function plot.
LEGEND	=	Specify the legends for subsequent plots.
LEGEND ANGLE	=	Sets the plot legend angles.
LEGEND CASE	=	Sets the plot legend cases.
LEGEND COLOR	=	Sets the plot legend colors.
LEGEND COORDINATES	=	Sets the plot legend locations.
LEGEND DIRECTION	=	Sets the plot legend directions.
LEGEND HW	=	Sets the plot legend heights and widths.
LEGEND JUSTIFICATION	=	Sets the plot legend justifications.
LEGEND SIZES	=	Sets the plot legend sizes.
LEGEND THICKNESS	=	Sets the plot legend line thicknesses.
FONT	=	Sets the font for all text elements.

### APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

89/2

PROGRAM

```

LET ID2 = DATA 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2
LET LEAD = DATA ...
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
.
CHARACTER X1 X2 Y1 Y2
LINE BLANK ALL
LEGEND 1 X - POTASSIUM
LEGEND 2 Y - LEAD
LEGEND 1 FONT DUPLEX
LEGEND 2 FONT COMPLEX SCRIPT
.
TITLE DEMONSTRATE LEGEND FONT COMMAND
TITLE SIZE 5
LET X = SEQUENCE 1 1 17
PLOT POT X ID2 AND
PLOT LEAD X ID2
    
```

