

... GMINOR**PURPOSE**

Specifies whether or not minor grid lines appear on subsequent plots.

DESCRIPTION

Grid lines are drawn at the major tic marks. Minor grid lines are drawn at the minor tic marks. Major and minor grid lines are independent of each other (that is, you can draw minor grid lines without drawing major grid lines and vice versa). Typically when a grid is desired, only the major grid is drawn. However, there are some occasions where an analyst might want both (e.g., many analysts prefer minor grids on log scale charts).

SYNTAX 1

GMINOR <ON or OFF>

where ON specifies that both the horizontal and vertical minor grid lines are drawn while OFF specifies that they are not drawn.

SYNTAX 2

XGMINOR <ON or OFF>

where ON specifies that the vertical minor grid lines are drawn while OFF specifies that they are not drawn.

SYNTAX 3

YGMINOR <ON or OFF>

where ON specifies that the horizontal minor grid lines are drawn while OFF specifies that they are not drawn.

EXAMPLES

```
GMINOR ON
GMINOR OFF
GMINOR
XGMINOR ON
YGMINOR ON
```

NOTE 1

The GMINOR command with no argument is equivalent to GMINOR ON.

NOTE 2

The minor grid uses the same attributes (GRID COLOR, GRID PATTERN, and GRID THICKNESS) as the major grid. If it is critical that they be different, draw the plot twice (using the LIMITS command and the PRE-ERASE OFF command after the first plot). Draw the major grid (and set its attributes) with the first plot and the minor grid (with its attributes) with the second plot.

DEFAULT

The default is no minor grid lines.

SYNONYMS

XYGM and YXGM are synonyms for GMINOR.

RELATED COMMANDS

GRID	=	Sets the on/off switch for the plot grid.
GRID COLOR	=	Sets the color for the plot grid.
GRID PATTERN	=	Sets the line type for the plot grid.
GRID THICKNESS	=	Sets the line thickness for the plot grid.
PLOT	=	Generates a data or function plot.
FRAME	=	Sets the on/off switch for the plot frame.
LIMITS	=	Sets the frame limits for subsequent plots.
LOG	=	Sets the on/off switch for a log scale.
TIC	=	Sets the on/off switch for the plot tics.
MAJOR TIC NUMBER	=	Sets the number of major tics.
MINOR TIC NUMBER	=	Sets the number of minor tics.
TIC LABEL	=	Sets the on/off switch for plot tic labels.
BACKGROUND COLOR	=	Sets the color for the plot background.

APPLICATIONS

Presentation Graphics, log charts

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
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
```

```
TITLE DEMONSTRATE GMINOR COMMAND  
TITLE SIZE 5  
GRID THICKNESS 0.1  
GRID ON  
GMINOR ON  
XILABEL LEAD  
YILABEL POTASSIUM  
CHARACTER CIRCLE  
CHARACTER SIZE 1.5  
LINE BLANK ALL  
PLOT POT VS LEAD
```

