

## AUTOMATIC

### PURPOSE

Sets the DATAPLOT switch in question to the “automatic” position.

### DESCRIPTION

For most commands, AUTOMATIC is equivalent to DEFAULT (i.e., it sets the default value). However, for a few commands (specifically LABEL and TITLE), it means to generate the labels and title text automatically from the given PLOT command. LABEL AUTOMATIC and TITLE AUTOMATIC are documented separately in the Plot Control chapter.

### SYNTAX

<Certain DATAPLOT commands> AUTOMATIC

### EXAMPLES

X3LABEL AUTOMATIC  
FILTER WIDTH AUTOMATIC  
TITLE AUTOMATIC

### NOTE 1

Most DATAPLOT commands and keywords can be truncated to the first 4 characters. The AUTOMATIC keyword has been purposely set up so that it must be written out for all 9 characters. If less than 9 characters are entered, the entered text will be used as the title or label.

### NOTE 2

The most popular use of AUTOMATIC is in X3LABEL AUTOMATIC. This automatically (for all future plots) shows the PLOT command generating the plot as the X3 label. This is useful for documenting an analysis.

### DEFAULT

None

### SYNONYMS

None

### RELATED COMMANDS

ON	=	Allows switches to be set to “on.”.
OFF	=	Allows switches to be set to “off.”.
DEFAULT	=	Allows switches to be set to “default.”.

### APPLICATIONS

Setting defaults, automatic labeling

### IMPLEMENTATION DATE

Pre-1987 (the TITLE AUTOMATIC and LABEL AUTOMATIC commands were implemented 92/8)

### PROGRAM

X3LABEL AUTOMATIC  
PLOT X\*\*2 FOR X = 1 1 10