

**OR****PURPOSE**

Draws an OR gate (a logical device used in electronic circuit diagrams).

**DESCRIPTION**

The 2 pairs of coordinates define the (x,y) values for the middle back and the middle front (respectively) of the OR gate.

**SYNTAX**

OR <x1> <y1> <x2> <y2>

where <x1> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for the middle back of the OR gate;

<y1> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for the middle back of the OR gate;

<x2> is a number or parameter in the decimal range 0 to 100 that specifies the x coordinate for the middle front of the OR gate;

and <y2> is a number or parameter in the decimal range 0 to 100 that specifies the y coordinate for the middle front of the OR gate.

**EXAMPLES**

OR 50 50 60 50

OR 50 50 60 60

OR X1 20 X2 20

**NOTE**

The line style (i.e., SOLID, DASH), line color, and line thickness of the OR gate are controlled by the first entry of the LINE, LINE COLOR, and LINE THICKNESS commands respectively.

**DEFAULT**

None

**SYNONYMS**

None

**RELATED COMMANDS**

AND	=	Draws an AND gate.
NAND	=	Draws a NAND gate.
NOR	=	Draws a NOR gate.
MOVE	=	Moves to a point.
DRAW	=	Draws a line.
LINE	=	Sets the line type for figures and plot lines.
LINE THICKNESS	=	Sets the line thickness for figures and plot lines.
LINE COLOR	=	Sets the line colors for figures and plot lines.
CROSS-HAIR	=	Activates and reads the cross-hair.
TEXT	=	Writes a text string.

**APPLICATIONS**

Electronic circuit diagrams

**IMPLEMENTATION DATE**

Pre-1987

## PROGRAM

```
LINE SOLID  
LINE COLOR BLACK  
LINE THICKNESS 0.2  
OR 20 20 60 60  
MOVE 20 70  
TEXT OR COORDINATES (20,20), (60,60)
```

