

PRINTED 06/22/89

MEDIA SIZES

Architectural Sizes

| ANSI | Keypad Code | Sizes in Inches | Useful Plot Size |
|------|-------------|-----------------|------------------|
| A | 0 | 12 x 9 | 10 x 8 |
| B | 1 | 18 x 12 | 16 x 11 |
| C | 2 | 24 x 18 | 22 x 17 |
| D | 3 | 36 x 24 | 34 x 23 |
| E | 4 | 48 x 36 | 46 x 35 |

Engineering Sizes

| | | | |
|---|---|----------|---------|
| A | 5 | 11 x 8.5 | 9 x 7.5 |
| B | 6 | 17 x 11 | 15 x 10 |
| C | 7 | 22 x 17 | 20 x 16 |
| D | 8 | 34 x 22 | 32 x 21 |
| E | 9 | 44 x 34 | 42 x 33 |

International Sizes

| ISO | Keypad Code | Size in Millimeters | Useful Plot Size |
|-----|-------------|---------------------|------------------|
| A0 | 10 | 1189 x 841 | 1138 x 816 |
| A1 | 11 | 841 x 594 | 790 x 569 |
| A2 | 12 | 594 x 420 | 543 x 395 |
| A3 | 13 | 420 x 297 | 369 x 272 |
| A4 | 14 | 297 x 210 | 246 x 185 |

Custom Sizes

- 15 Two sizes are available under three users
16 (six total) stored in nonvolatile memory (NOV RAM)

QUICK REFERENCE

IOLINE LP3700™ and LP4000™ PLOTTER OPERATIONS

This card is designed to help you use the LP3700 and LP4000 pen plotters.

Below each heading are different functions. Press the keys in the order they are listed to perform that function.

PLACING THE PLOTTER ON LINE

Setting the lower left position
LL

Setting a standard paper size
LL
Size
(enter desired plot size: 0 — 14)
Size

Placing the plotter on line
On line (size must be set first)

SETTING PAPER SIZES

Setting a custom paper size
LL
(move to the upper right)
UR

Setting the limits for an "A" size drawing
LL
Size
5
Size

Setting the limits for a "D" size drawing
LL
Size
8
Size

MOVING THE PEN AND PAPER

Moving the pen to the home position

Alt
5

Pausing to view a plot

View
View (to continue)

Moving the pen to the upper right

Alt
Go to
UR

Moving the pen to a specific location on a plot

Alt
Go To
(enter x and y coordinates xxxx.yyyy)
Go to

SETTING PLOTTER VARIABLES

These are a few of the variables that may be set in nonvolatile memory.

Setting the pen speed (off or on line)

Speed
N (N = velocity) 1 — 10 / LP3700
 1 — 20 / LP4000

Speed

Setting the acceleration off or on line
(LP4000 only)

Alt
Size
Speed
N (N = $gx10 = 2 - 20$)
Speed

Setting the pen up and pen down delay

Alt
Delay
(set up delay 2 - 256 ms)
. (decimal)
(set down delay 2 - 256 ms)
Delay

Ignoring pen change requests

Alt
Pen Down

Re-enabling the pen change response

Alt
Pen up

Toggling the beeper on or off (LP4000 only)

Alt
LL

Selecting a pen with a pen changer

Alt
Chart Hold
N (N = pen number 0 - 20)
Chart Hold

USING THE hyperBUFFER™ (OPTIONAL)

Disabling the hyperBUFFER - pass through mode

Alt
0
0

Enabling the hyperBUFFER - linear buffer mode

Alt
0
1

Enabling the hyperBUFFER - pen sort only

Alt
0
2

Enabling the hyperBUFFER - full optimization (default)

Alt
0
3

Enabling the hyperBUFFER - HP-GL language, linear buffer.

Alt
0
4

CALIBRATING AND TESTING THE PLOTTER

Generating a micro-calibration test plot after setting the paper size.

Alt
4

Entering the micro-calibration values

Alt
Scale
(enter measured x dimension xx.xxx)
. (decimal)
(enter measured y dimension yy.yyy)
Scale

Running a self test plot (A size paper)

LL
Alt
7