

Labels,

Labels,

Labels

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Credits

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Introduction

*What is Labels,
Labels, Labels?*

*What can it
do?*

L.L.L. is a program which allows you to design and print fancy labels, badges, and postcards using Print Shop™ graphics, borders, and fonts. These labels can then be merged with database files from AppleWorks® or the L.L.L. database. L.L.L. allows you to:

- Print color labels on supported color printers
- Load graphics, borders, and fonts from DOS 3.3 or ProDOS disks
- Use multi-color graphics like those found on the GS version of Print Shop and the GS Sampler Edition
- Design custom sized labels
- Load and save label designs
- Preview labels on screen
- Merge Appleworks database files with fancy labels
- Merge files from the L.L.L. database program with fancy labels

L.L.L. can be used as a stand-alone program, but it is designed to be used with AppleWorks, Print Shop, Print Shop GS, The Print Shop Companion™, Print Shop Graphic Libraries, and MiniPix™.

What do you need?

COMPATIBILITIES

- Apple][+, //e, //c,][GS, Laser 128, or Laser 128EX
- Disk Drive (preferably two)
- At least 64K of memory (128K for color printing)
- Monitor or TV
- Dot Matrix Printer (refer to Appendix B for a list of printers which may be used with the program)
- Printer Interface (refer to Appendix C for compatible interfaces)

Using L.L.L. with Print Shop

Some graphics, fonts, and borders have been included with L.L.L., but many others are available. L.L.L. is designed to work with Print Shop graphics, fonts and borders. These are found on the Print Shop program disk, the Print Shop Companion, Print Shop Graphics Libraries and the Big Red Computer Club library.

'Element' refers to a graphic, border or font.

Elements from the Print Shop Companion and the Print Shop Graphics Libraries can be used without modification. Using elements from the Print Shop program disk requires placing them on a standard data disk. For graphics, this can be done with the GRAPHIC EDITOR on the Print Shop program disk. Fonts and borders can be saved to a standard data disk by using the FONT EDITOR and BORDER EDITOR on the Print Shop Companion disk. See Appendix A for more details. Print Shop is a trademark of Brøderbund Software.

GS Print Shop

L.L.L. works with multi-color graphics like those found in the GS version of Print Shop. These are printed in color on color printers or with gray shades on single-color printers. L.L.L. does not use multi-color borders at this time.

Using L.L.L. with Other Programs

MiniPix

Labels, Labels, Labels can use graphics found on the MiniPix program by Beagle Bros Software. MiniPix is a trademark of Beagle Bros.

*Newsroom
Clip Art*

Newsroom Clip Art can be converted to a Print Shop compatible graphic with the PS Lover's Utility Set (P.L.U.S.), available from the Big Red Computer Club. It may then be used with Labels, Labels, Labels.

*Be sure to
make an
archive copy.*

Making a Backup Disk

L.L.L. is supplied on a ProDOS formatted disk and is not copy protected. You can make archival copies for your own personal use with the ProDOS Filer, System Utilities disk or other disk copy program.

*L.L.L. works
great on hard
disks.*

Installing L.L.L. on a Hard Disk or 3.5 Disk

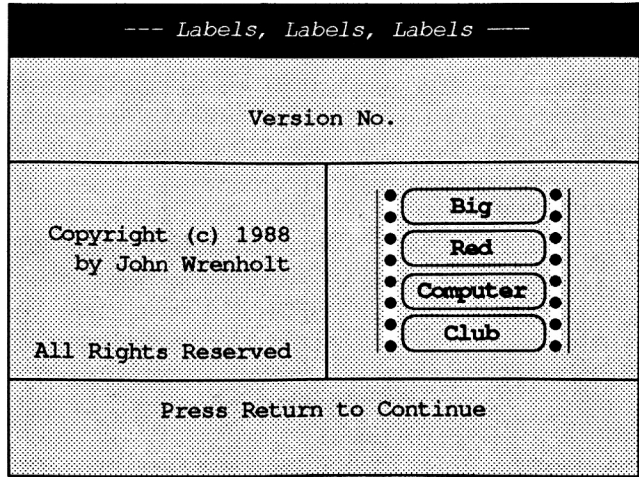
L.L.L. can be used on a ProDOS compatible hard disk or 3.5" disk. To install the program on your hard disk or 3.5" disk, copy all of the files from the L.L.L. program disk to a subdirectory. L.L.L. will not function properly unless all the program files on the L.L.L. disk reside on the same subdirectory.

*Here's how to
get started.*

Starting the Program

Insert the L.L.L. diskette into your disk drive with the label side up. Turn on the computer or otherwise boot the L.L.L. program. The Title Screen should now be displayed. Press any key to advance to the next screen.

Title Screen:



Remember:

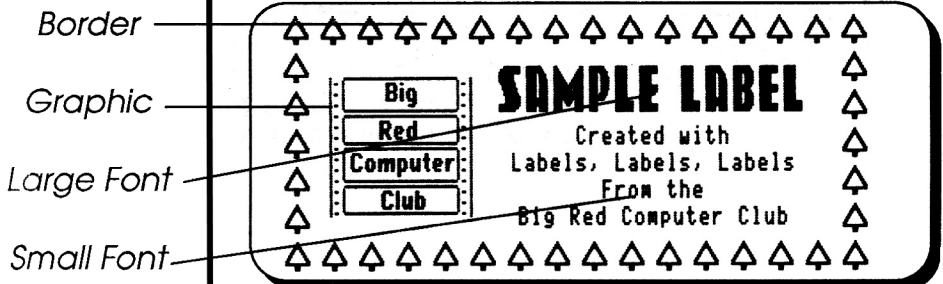
Use the arrow keys to highlight your selection. Press the RETURN key to perform the selected item. Press the ESCAPE key to return to the previous menu.

Using the Menus

Working with L.L.L. is easy because it is menu driven; that is, your choices appear in lists or menus on the screen. You make your selection by using the arrow keys to highlight your choice and then pressing the RETURN key. Pressing the ESCAPE key returns you to the previous menu.

Cancelling Print Operations

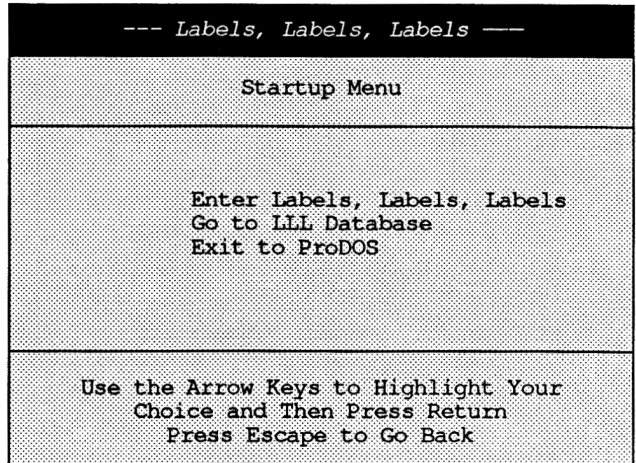
It is possible to cancel all print operations by pressing the ESCAPE key while the printer is working.



Creating Labels

Labels are created by choosing each element to be placed on the label. By elements, we mean borders, graphics, large text and small text. You must also choose a position for each element. Users with color printers can even specify different colors for every element of the label.

After you press a key to advance beyond the Title Screen, the Start Up Screen is displayed. From this screen, you can Enter Labels, Labels, Labels, Go to the Labels, Labels, Labels Database or Exit to ProDOS.



Choosing 'Exit to ProDOS' takes you out of the LLL program.

If you are not ready to create labels or have started up the program accidentally, you may choose 'Exit to ProDOS' so that you can start up a new application.

When you make this selection, the ProDOS program selector is displayed on the screen. From here, you may start up a new application or safely turn the machine off.

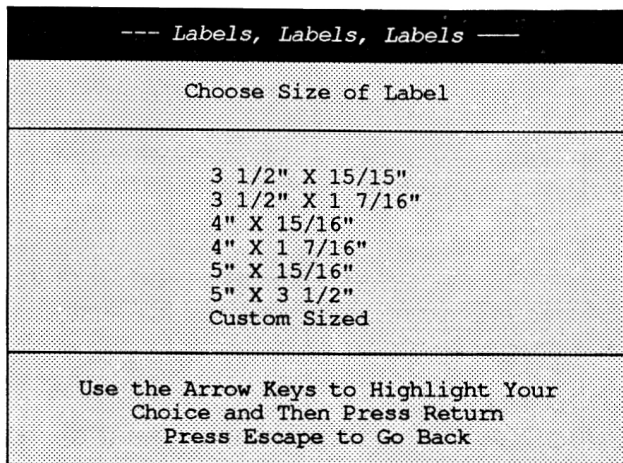
If you would like to create or edit a list to be merged with labels, choose 'Enter the Labels, Labels, Labels Database'. Operation of the Database is explained beginning on page 29. It takes the computer a moment to load and start the Database program.

The default choice is to 'Enter Labels, Labels, Labels'. Selecting this option takes you in to the actual process of creating labels.

Choose Size of Label

Begin by highlighting the type of label you want to create from the LABEL MENU and press RETURN. Six standard label sizes are built in to L.L.L. The same procedure is followed for creating each of the standard sized labels.

Six standard label sizes are built in.



What about custom sizes?

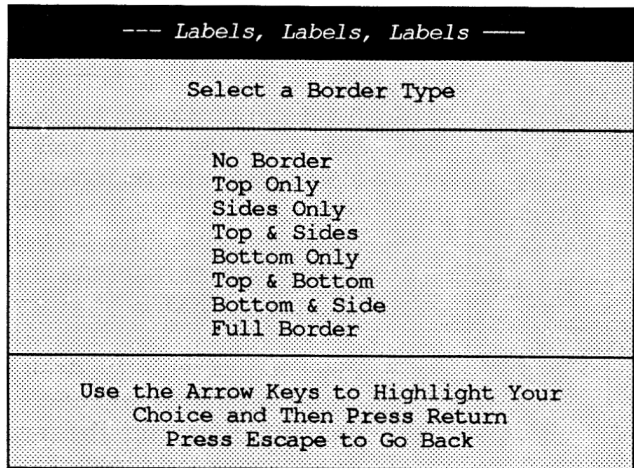
Other label sizes can be created by selecting Custom Size. Creating custom sized labels is explained beginning on page 25.

When you create 15/16" labels, choosing a full border will only allow you to have two lines of small text or one line of large.

The next screen asks if you want to create a label or load a previously saved label. When you load a label, it is automatically converted to the size of label that was selected from the LABEL MENU. Once a label has been loaded, the PRINT MENU is displayed. The loaded label may then be edited or printed. Refer to page 15 for instructions on using the Print Menu.

Select a Border Type

You are first asked to choose a border or part of a border for your label. You can choose: no border; top only; sides only; top & sides; bottom only; top & bottom; bottom & sides; or full border. Highlight your choice and press RETURN. Choosing no border allows more room on your label for text and graphics.



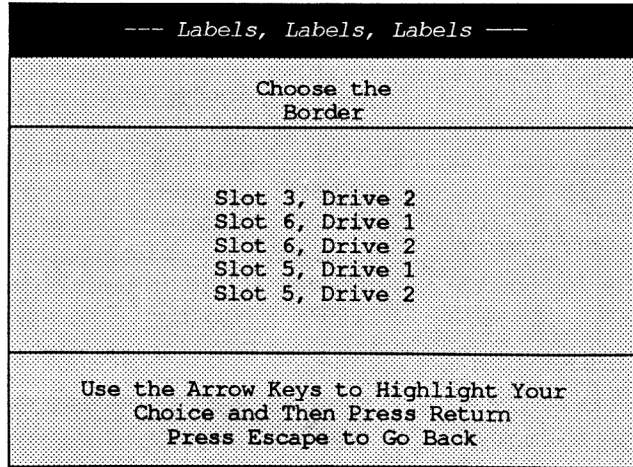
Select a Disk

When you boot the L.L.L. program, it examines your computer to identify all disk drives connected to it. Each time you load a border, graphic, or font, the available drives are displayed by their slot and drive number. To load an element, place the data disk in a drive and

L.L.L. can load elements from DOS 3.3 or ProDOS disks.

A normal setup would be 5.25" drives in slot 6, 3.5" in slot 5 and a RAM disk in slot 3.

select that slot and drive number from the menu. A list of the borders, graphics or fonts on the disk in the selected drive is displayed and you can select the element that you want to load. The data disk can be either a DOS 3.3 or ProDOS disk.



If the data disk is a ProDOS disk, any subdirectories are displayed along with the graphic elements. Subdirectories are the items beginning with a '/' such as '/BORDERS' on the L.L.L. program disk. To list the files in the subdirectory, just highlight it with the arrow keys and press RETURN.

Place a disk with the desired border in one of your disk drives and choose the appropriate slot and drive from the menu. All of the borders and/or disk subdirectories on the selected disk are displayed on the screen.

Select a Border

Choose one of the borders from the disk by highlighting it and pressing RETURN. When you press RETURN, the border is loaded from the disk. If the disk has been removed or some

type of error occurs while reading the disk, an I/O Error message is displayed. If an error occurs, press ESCAPE, correct the problem and try again.

```
--- Labels, Labels, Labels ---  
  
Choose the  
Border  
  
/LLL/BORDERS  BORD.INDENT  
                BORD.CTREE  
                BORD.DOUBLE  
                BORD.CROSS  
                BORD.TRIPLE  
  
Use the Arrow Keys to Highlight Your  
Choice and Then Press Return  
Press Escape to Go Back
```

Select a Color

If you have one of the supported color printers, select the color that you would like your border to be printed in. If you have a single color printer and you choose colored items, they will be printed using a gray scale. (Lighter colors will not give very good results.)

Each element can be printed in one of these seven colors on color printers.

```
--- Labels, Labels, Labels ---  
  
Choose a color for the  
Border  
  
                Yellow  
                Red  
                Orange  
                Blue  
                Green  
                Purple  
                Black  
  
Use the Arrow Keys to Highlight Your  
Choice and Then Press Return  
Press Escape to Go Back
```

Each label can have up to 3 single-color graphics.

Select a Graphic Type

After selecting a border, the next screen asks you to select what type of and how many graphics you want to use on your label. The options are: no graphic; one single-color; one multi-color; two single-color; or three single-color. Highlight your selection and press RETURN. Choosing no graphics leaves more room on your labels for text.

```
--- Labels, Labels, Labels ---  
  
Select a Graphic Format  
  
No Graphic  
One Single-Color  
One Multi-color  
Two Single-Color  
Three Single-Color  
  
Use the Arrow Keys to Highlight Your  
Choice and Then Press Return  
Press Escape to Go Back
```

L.L.L. lets you use multi-color graphics on any Apple II.

Multi-color Graphics

Multi-color graphics are available on the GS version of Print Shop and GS Graphic Libraries. However, they may be used with L.L.L. on any Apple II computer. Additional multi-color graphics are available from the Big Red Computer Club public domain library.

Select a Disk

Place a disk with the desired graphic in one of your disk drives and highlight the correct slot and drive.

L.L.L. does not prevent you from choosing the same position for two graphics. You can create special effects by overlaying two graphics.

Select Graphics

If you are working with single-color graphics, you can now choose each graphic and a color and position for it. If you are using a multi-color graphic, you can now choose one and position it.

Select Position and Color for Graphics

For each graphic selected, you can choose a position to print it on the label and a color for single-color graphics. Graphics may be printed on the left, right or centered. If you place a single graphic on the right or left side of the label, text will be adjusted so that it doesn't overwrite the graphic. However, if you are using more than one graphic or center justified graphics, you will have to check to make sure that text is not overwriting the graphics.

```
--- Labels, Labels, Labels ---  
Choose Justification For  
1st Graphic  
  
Left Justify  
Right Justify  
Center Justify  
  
Use the Arrow Keys to Highlight Your  
Choice and Then Press Return  
Press Escape to Go Back
```

Select a Text Format

Once all of the graphics have been selected, you are asked to select a text format for your label. The choices are: no text, one line of large, two lines of large, all large, or all small. Highlight your choice and press RETURN.

If you are planning to merge the label with a database file, you may want to select 'All Small' for your text.

You must load a Print Shop Font if you choose to have large text.

L.L.L works with two types of text fonts. 'Large text' refers to Print Shop fonts. Depending on the size of the font, size of the label and presence of a border, L.L.L. will allow up to five lines of large text. 'Small text' refers to the normal 15 character per inch font that is produced by your printer. You may have up to 5 lines of small text on your label, depending on the size of the label and the number of large text lines you select.

--- Labels, Labels, Labels ---

Select a Text Format

No Text
One Line of Large
Two Lines of Large
All Large
All Small

Use the Arrow Keys to Highlight Your Choice and Then Press Return
Press Escape to Go Back

Select a Disk

If you choose to have large text on your label, you have to load a font from disk. Place the disk with the font you want in one of the disk drives and select the slot and drive on the screen. A list of fonts on the disk is displayed on the screen.

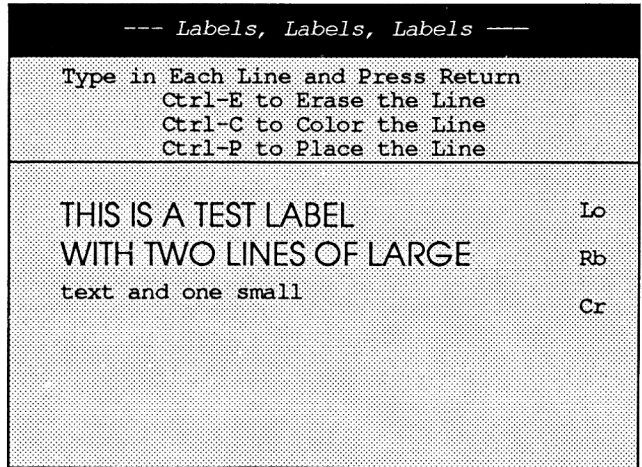
Select a Font

Highlight the font that you want your large text to appear in and press RETURN. The font is then loaded from the disk.

Enter Label Text

If you previously chose to have text on your label, your screen now displays a blinking cursor. You may now type the text that you want to appear on your labels. The program allows you to use the LEFT ARROW or DELETE key to back up and correct mistakes. Press RETURN after each line is entered. Press ESCAPE to go back up to the previous line.

The letters on the left side of the screen indicate the first line is left justified and orange, the second line is right justified and blue, and the third line is centered and red.



Editing Commands

Pressing Control-E deletes all text on the line that the cursor is currently on. Pressing Control-C allows you to choose a color for the current line. Pressing Control-P allows you to position the current line. Lines can be left, center or right justified. Lines selected as centered or right justified are not displayed that way on the screen, however they will appear correctly on your printed labels.

Position and Color Indicators

Indicators on the right side of the screen show the current color and position for each line.

A blank in the color indicator means the line will print black.

Position is indicated by an upper case L, R, or C. Color is indicated by the first letter of the chosen color, such as 'g' for green. Black is indicated by a blank.

If you choose a large font, the text is displayed in that font. The size of the label, size of the font and presence or absence of a border determine how many characters you can enter on each line of the label. The program does not allow you to type in more characters than will fit on a line.

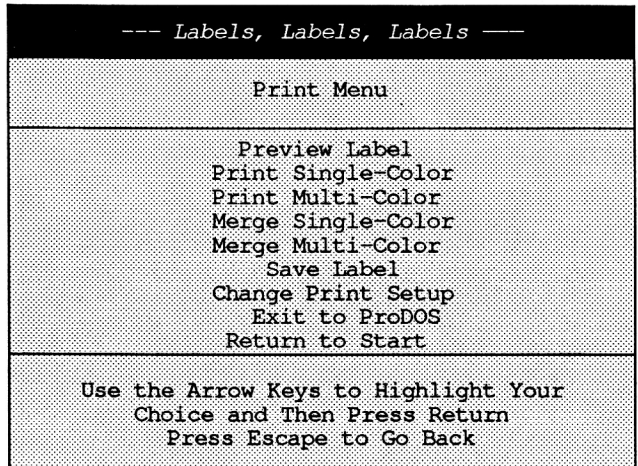
If you choose one or two lines of large text, there may be room for 3 or 4 lines of small text depending on the label size. Up to 29 characters of small text can be entered on a line.

L.L.L. will not allow text to overlap a single graphic positioned on the left or right, but it does not prevent text from overlapping centered graphics or the graphic on the right when one is also on the left.

When you have entered all text to appear on the label, the PRINT MENU is displayed.

The Print Menu

The PRINT MENU allows you to: Preview the Label, Print in a Single-color, Print Multi-color, Merge Single-color, Merge Multi-color, Save Label, Change Printer Setup, or Exit to ProDOS.



Use the preview to check your label before printing.

Preview Label

When you select "Preview Label", a graphic representation of the label is displayed on your screen. This gives you a rough idea of what the printed label will look like. The screen display of the label is coarse since the screen's resolution is much lower than the printer's.

Postcards are too large to fit on the preview screen so the very bottom of the design is not displayed in the preview.

On single-color printouts, multi-color graphics and other colored items are printed using a gray scale.

Multi-color printing takes longer because each line is printed in multiple passes.

Print Single-Color

Choose this item to print your label on a single color printer or in a single color on a color printer. When you press RETURN, you are asked to select the number of labels you would like to print.

--- Labels, Labels, Labels ---

Select Number of Copies

001

Use Arrow Keys to Change Number

Use the LEFT ARROW key to reduce the number and the RIGHT ARROW to increase the number. Press RETURN when you are ready to print. Make sure that your printer is on and it is selected or online. Press ESCAPE at any time to pause the printing. You are then able to cancel the printout or resume printing.

Print Multi-Color

Choose this option to print labels on a color printer. When you press RETURN, you are asked to select the number of labels you would like to print. Use the LEFT ARROW key to reduce the number and the RIGHT ARROW to increase the number. Press RETURN when you are ready to print. Make sure the printer is on and it is selected or online. Press ESCAPE at any point to pause the printing.

Save your favorite creations to disk so you can easily use them again.

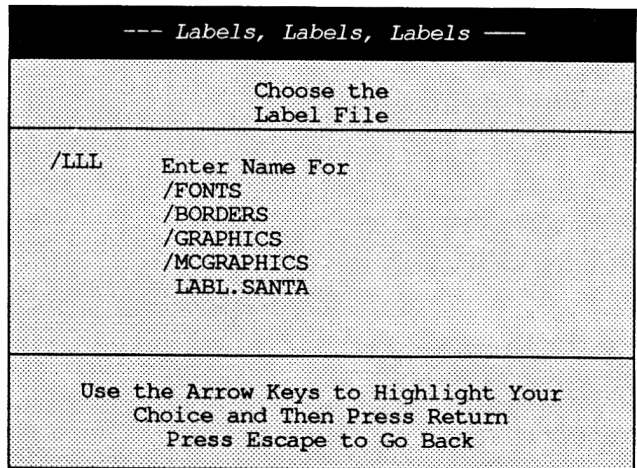
The program automatically inserts the letters "LABL." at the beginning of each file name.

Merge Single-Color or Multi-Color

The merge options allow you to merge one of your fancy labels with information from a database file. Merging labels is described in the next section beginning on page 21.

Save Label

Use this option if you have created a label you will want to use again. When you select Save Label, you are asked to select the slot and drive of the disk to save the label on. The disk must be formatted for ProDOS. Labels cannot be saved on DOS 3.3 disks. Place your disk in the correct drive and press RETURN. It takes about 18 blocks of disk space to save a label.



The screen now displays any labels which have been previously saved on this disk along with the names of any subdirectories. The selection, "Enter Name For", is also displayed. Choose this option to save a label under a new name. You may enter up to nine characters for the name of the label file. Once you have selected a

You may enter up to nine characters for the name of the label file. Only letters, numbers and periods can be used in file names.

Use 'Setup' the first time you run the program or if there is a change in your equipment.

Most dot matrix printers are compatible with one of these choices.

file name or entered a new one, L.L.L. saves the label to the disk.

```
--- Labels, Labels, Labels ---  
  
Enter Name for  
Label File  
  
█  
  
---
```

Change Printer Setup

In order for L.L.L. to work with your particular system, you need to specify some information about your disk drive and printer. You can do this by selecting the SETUP option from the PRINT MENU. Once you have gone through the SETUP option, L.L.L. remembers your choices and you only have to use SETUP again if your Apple equipment changes.

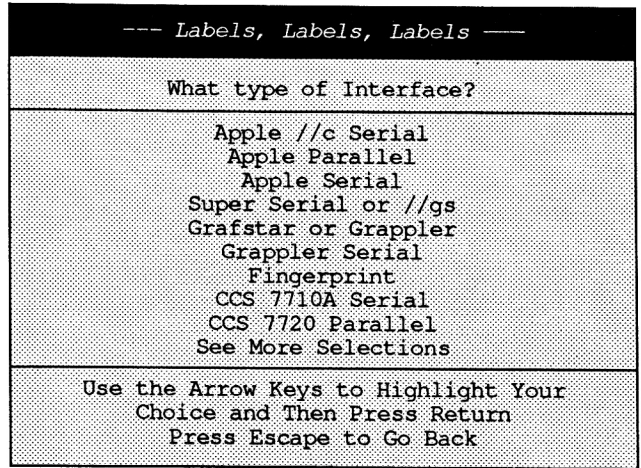
```
--- Labels, Labels, Labels ---  
  
What type of Printer?  
  
Epson MX-RX-FX  
Epson EX-800  
Panasonic 1091  
C. Itoh Prowriter  
NEC 8023, Apple DMP  
Apple ImageWriter II  
Apple Scribe  
Star Gemini 10X, 15X  
Okidata 192, 193  
Apple ImageWriter I  
  
Use the Arrow Keys to Highlight Your  
Choice and Then Press Return  
Press Escape to Go Back
```

Choose the type of interface for your printer.

Once you have successfully tested your set-up, be sure to save your settings by selecting "Return to Print Menu".

The SETUP program first asks you to identify your printer from a list on the screen. Use the arrow keys to make your selection and then press RETURN. If your printer type is not shown on the screen, check Appendix B for a list of printers which are compatible with L.L.L.

Next select your interface card from the list on the screen. If you don't see your interface listed on the first screen, choose 'See More Selections' and another group will be displayed. Refer to Appendix C for a complete list of the interface cards supported.



Now you need to select which slot your printer interface is in. The printer interface is usually in slot 1.

Once you have answered all of the setup questions, you are given a chance to test your printer. Make sure your printer is ready and on line or selected. Choose 'Test Printer' from the next screen. If you have answered the setup correctly, "Test Successful" should appear on your printer.

Make sure you have saved your work before choosing these options.

Exit to ProDOS

Selecting this option takes you out of L.L.L. and into the ProDOS Program Selector. Your current label will be lost unless you have saved it to disk.

Return to Start

Selecting this option takes you back to the first screen of the L.L.L. program. Any work that has not been saved will be lost.

Merging with a Database

Labels can be merged with files from AppleWorks or the L.L.L. Database.

You must set up your label format and selection conditions in AppleWorks.

The merge options allow you to merge one of your designed labels with information from an AppleWorks Database (Adb) file or a file created with the L.L.L. Database. Merging is a process of either creating a new label or loading a saved label, then choosing a database file to merge with. The database file can either be created with AppleWorks or the L.L.L. Database which is explained on page 29.

Using AppleWorks Database Files

When merging with an Adb file, L.L.L. refers to the AppleWorks Label Format to determine how to print your labels and the Selection Conditions to decide which labels to print. L.L.L. supports many of the Adb Format commands except it does not print category names and will always print a blank line when the categories are blank.

When L.L.L. evaluates AppleWorks Selection Conditions, all comparisons are alphabetic and the 'through' condition is not supported. You must set up the Label Format and Selection Conditions ahead of time. When you are setting up your Label Format, remember that L.L.L. can print a maximum of 5 lines per label and 29 characters per line.

Using A File From the L.L.L. Database

A simple database program has been included on the L.L.L. disk for users who do not have

Both single and multi-color labels can be merged.

access to AppleWorks. Operation of the Database is explained beginning on page 29. It allows up to 200 records in each file and four lines of 25 characters each.

Merge Process

To begin the merge process, choose one of the merge selections from the PRINT MENU, either single-color or multi-color. You are then asked to select the number of copies of each label to print. Use the arrow keys to select the number. This is the number of times each entry in the database will be printed.

Database Menu

Next you are asked to choose whether you want to merge with AppleWorks or the L.L.L. Database. Highlight your choice and press RETURN.

```
--- Labels, Labels, Labels ---  
  
Database Menu  
  
Merge with AppleWorks  
Merge with L.L.L.Database  
  
Use the Arrow Keys to Highlight Your  
Choice and Then Press Return  
Press Escape to Go Back
```

Select Slot and Drive for Database File

The next screen asks you to select the slot and drive that your Database file can be found in. Choose the appropriate slot and drive, place the disk in the drive and press RETURN.

You must set up a Label Report Format in AppleWorks before you can print labels from an Adb file.

Select File

Now a list of all of the Database files of the type you selected are displayed along with any subdirectories on the disk. Select the file that you want to merge with or the subdirectory that it is in.

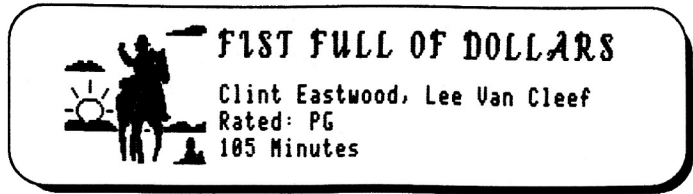
If you are merging with an L.L.L. Database, the labels will begin printing. Press ESCAPE if you want to pause or cancel the printout.

If you are merging with an Adb file, L.L.L. will display a list of any Label Report Formats for the file. You must set up a Label Report Format in AppleWorks before you can print labels.

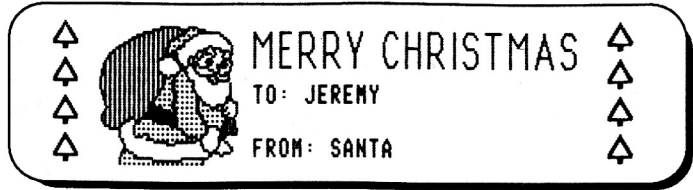
```
--- Labels, Labels, Labels ---  
  
Choose the  
Report Format  
  
Labels1  
Labels2  
  
Use the Arrow Keys to Highlight Your  
Choice and Then Press Return  
Press Escape to Go Back
```

Choose the format you want to use and press RETURN. All labels meeting the Selection Conditions in the Report Format are then printed along with the graphic elements for the labels. Printing can be paused or cancelled by pressing the ESCAPE key.

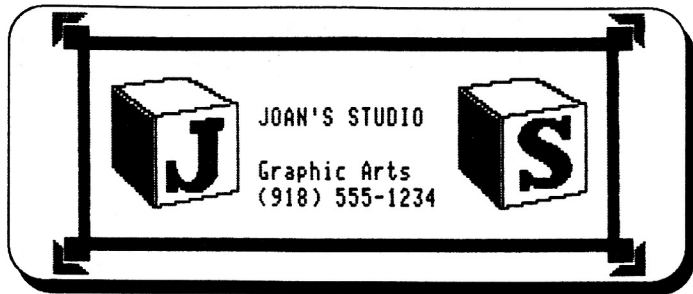
Christmas gift tags.



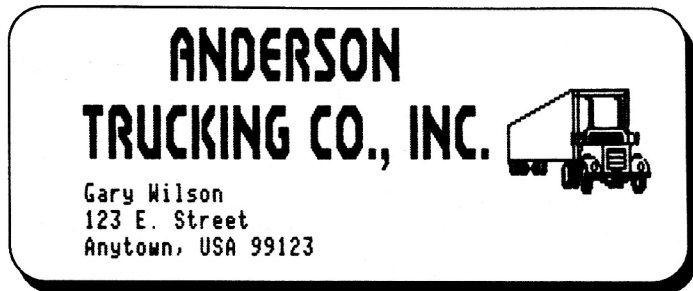
VCR tape labels



Personalized I.D. stickers



Shipping labels



Custom Sized Labels

To create custom sized labels in L.L.L., you must specify the size of the label in border elements. Each element of a border is approximately one fifth of an inch wide and $14/72$ nds of an inch high. The first two screens ask you to enter the width and height of the label in border elements. The last screen asks you to enter an adjustment factor which is the number of 72nds of an inch necessary to line up the next label.

Width

Width is measured from the left edge of the label to the right

When you choose to create a Custom Size, you are first asked to enter the width of the label in border elements. Each border element is approximately $1/5$ of an inch wide. Measure the width of the label in inches. Refer to the width table or multiply the label width in inches times 5 to arrive at the number to enter for width. So, for a 3" wide label, you would use the arrow keys to change the number to 15.

--- Labels, Labels, Labels ---

Select the Width

007

Use Arrow Keys to Change Number

The screenshot shows a terminal-style interface with a dark header bar containing the text '--- Labels, Labels, Labels ---'. Below this is a light gray area with the prompt 'Select the Width'. The number '007' is displayed in the center, and below it is the instruction 'Use Arrow Keys to Change Number'. The interface is enclosed in a rectangular border.

WIDTH TABLE	
Width	Number of Borders
1 1/2	7
1 3/4	8
2	10
2 1/4	11
2 1/2	12
2 3/4	13
3	15
3 1/4	16
3 1/2	17
3 3/4	18
4	20
4 1/4	21
4 1/2	22

Height

Height is measured from top to top.

Use this formula if your label is not on the chart.

Now indicate the height of the label by entering the number of borders elements which will fit vertically on the label. Measure from the top of one label to the top of the next label. Look up the result in the height table or use the following formula.

Multiply the height by 72. Now divide the result by 14. Enter the integer portion of the result (the part on the left of the decimal point) for the height. Save the first digit of the remainder (the first number to the right of the decimal) for the next screen. If the labels measure 1.5" from top to top, take 1.5 times 72 to get 108. Divide 108 by 14 to get 7.7. Enter 7 for the height and 7 for the adjustment.

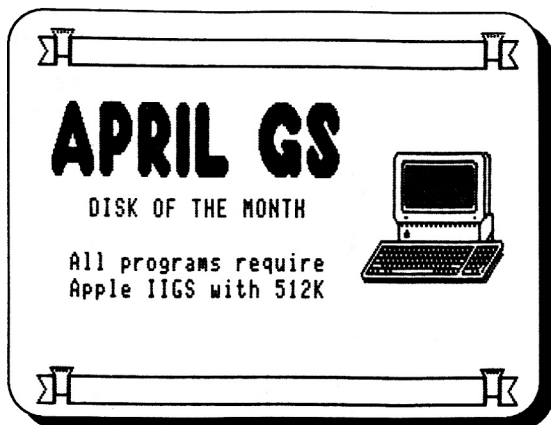
HEIGHT TABLE		
Height	No. of Borders	Adjustment
1	5	1
1 1/4	6	4
1 1/2	7	7
1 3/4	9	0
2	10	2
2 1/4	11	6
2 1/2	12	8
2 3/4	14	1
3	15	7
3 1/4	16	7
3 1/2	16	28

Adjustment is the amount to move down between labels.

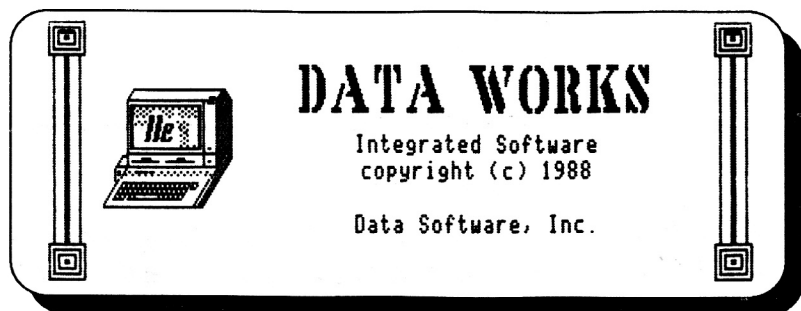
Adjustment

The next screen asks you to enter the adjustment factor. The adjustment is the number of 72nds of an inch that the printer needs to move down to start at the top of the next label. If your labels are not lining up correctly, you can adjust this number to correct the alignment. Refer to the height table for the adjustment factor or use the formula explained above.

3 1/2" Disk Label



5 1/4" Disk Label



Name Badge



The L.L.L. Database

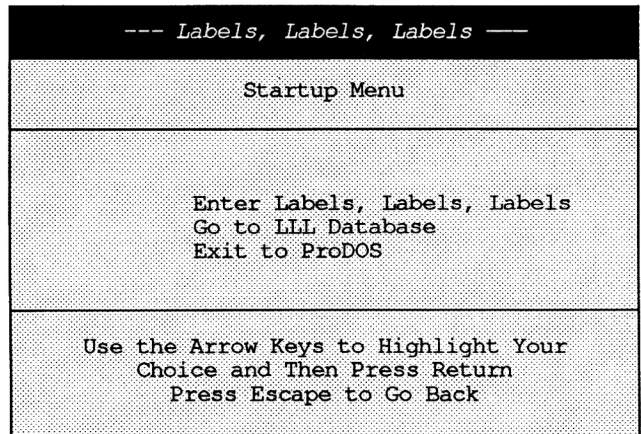
The database allows up to 200 entries per file.

Choose 'Go to LLL Database' from the Start-up Screen.

We have included a simple database program on your L.L.L. program disk. This is not a full-featured database by any means, but it works well for labels and is provided for those who do not have the AppleWorks program. The L.L.L. database allows you to create files with up to 200 entries. Each record consists of four lines of text (25 characters each) and a sort key. Records are automatically sorted by the sort key when you save the file. The program is designed to work on any Apple II including the Apple II+.

Starting the Database

The LLL Database can be accessed from the L.L.L. program by selecting 'Go to LLL Database' from the Startup Menu. When you make this selection, the Database is loaded from your program disk and the Database Title Screen is displayed.



The database title screen:

--- LLL DATABASE ---	
VERSION NO.	
COPYRIGHT (C) 1988 BY JOHN WRENHOLT ALL RIGHTS RESERVED	BIG RED COMPUTER CLUB
PRESS RETURN TO CONTINUE. ESC TO EXIT	

The database operates very much like the L.L.L. program. Menus are provided at each step to allow you to select your next operation. Use the arrow keys to highlight your choice and press RETURN. Pressing the ESC key will take you back to the previous screen in most cases.

From the title screen, you may press RETURN to continue or ESC to go to the Exit Menu. You may exit to BASIC.SYSTEM, ProDOS, or the L.L.L. program.

You can go back to the L.L.L. main program from the Exit Menu.

--- LLL DATABASE ---	
CHOOSE THE NEXT OPERATION	
LABELS, LABELS, LABELS RETURN TO DATABASE EXIT TO BASIC EXIT TO PRODOS	
USE THE ARROW KEYS TO HIGHLIGHT YOUR CHOICE AND THEN PRESS RETURN PRESS ESCAPE TO GO BACK	

The prefix is the name the disk was given when it was formatted.

Press RETURN at the title screen and the program asks you to choose the data disk location. This can be Drive 1 or Drive 2 of the current slot, or you may enter a prefix for volumes in other slots. When you make your selection, the program asks you to place a disk in the drive and press RETURN.

```
--- LLL DATABASE ---  
  
CHOOSE DATA DISK LOCATION  
  
DRIVE 1  
DRIVE 2  
ENTER PREFIX  
  
USE THE ARROW KEYS TO HIGHLIGHT YOUR  
CHOICE AND THEN PRESS RETURN  
PRESS ESCAPE TO GO BACK
```

Now the screen displays a list of any database files already on the disk and a choice for entering a new file name. If you are creating a file, choose the ENTER FILE NAME choice and press RETURN.

To create new files, choose "ENTER FILE NAME".

```
--- LLL DATABASE ---  
  
CHOOSE FILE TO EDIT  
  
ENTER FILE NAME  
LLDB.SAMPLE  
LLDB.DEALERS  
  
USE THE ARROW KEYS TO HIGHLIGHT YOUR  
CHOICE AND THEN PRESS RETURN  
PRESS ESCAPE TO GO BACK
```

Do not enter spaces in file names. Pro-DOS only allows letters, numbers and periods.

You are now asked to enter up to nine characters for a file name. The program checks to see if the file already exists. If it does not, you are asked if you want to create it. Answer with a 'Y' and the file will be created.

If you are editing a file which you previously created, highlight the name and press RETURN. The program inserts "LLDB." at the beginning of each data file name.

When you have chosen a file name, the file is loaded and the Edit Menu is displayed. Options to add entries, edit entries, delete entries, print the list, and save the list are given.

```
--- LLL DATABASE ---  
  
FILE NAME: SAMPLE      40 RECORDS  
  
ADD ENTRIES TO LIST  
EDIT ENTRIES  
DELETE ENTRIES  
PRINT LIST  
SAVE LIST AND EXIT  
EXIT WITHOUT SAVING CHANGES  
  
USE THE ARROW KEYS TO HIGHLIGHT YOUR  
CHOICE AND THEN PRESS RETURN  
PRESS ESCAPE TO GO BACK
```

Adding Entries to the List

When you choose this option, the record entry screen is displayed. Type in each record of your list. Four lines of 25 characters each are available. They will be printed in order on the labels. The Sort Key line is not printed on the labels, but is used as a key for sorting the list. It is five characters long and should contain any information you want to sort the list by. Up to 200 entries can be added to any list.

Press ESC to leave the Add Mode.

You can duplicate entries by entering a single quote (') and pressing RETURN.

The records are displayed in tables style when you choose to edit entries.

--- LLL DATABASE ---	
FILE NAME: SAMPLE	40 RECORDS
ADD RECORD: 41	
FIRST LINE:	_____
SECOND LINE:	_____
THIRD LINE:	_____
FOURTH LINE:	_____
SORT KEY	_____
PRESS [ESC] TO RETURN TO MENU	

The LEFT ARROW or DELETE keys remove characters to the left of the cursor. The RETURN key enters the line and the ESC key takes you back to the menu. Entering a single quote ['] on any line will duplicate the line of the previous entry. This can be used if you have a standard line for a number of entries.

Edit Entries

Choose this option when you want to edit entries already added to the list. When you enter the edit mode, the first twelve entries of the list are displayed on the screen. Use the arrow keys to scroll through the list. By pressing the period [.] or comma [,] key, you can scroll up or down twelve entries at a time. This allows you to move quickly through large lists.

Press RETURN to edit the entry that the arrow on the left of the screen is currently pointing to. This takes you to the record entry screen. Use the arrow keys to move through the entry and make your corrections. Pressing RETURN in the middle of a line truncates the line, so be sure to move your cursor to the right of any information you want to save.

Use the arrow keys to scroll through the records.

--- LLL DATABASE ---		
FILE NAME: SAMPLE	40 RECORDS	
68726 BOB JONES	23	EAST
>68735 KEN SMITH	42	SOUT
68882 BILL JONES	RR	1

USE THE ARROW KEYS TO HIGHLIGHT YOUR CHOICE AND THEN PRESS RETURN
PRESS ESCAPE TO GO BACK

When you delete an entry, the last record in the list is moved into its place.

Delete Entries

Entries can be deleted by choosing this option. Again, a list of the entries is displayed. Use the arrow keys to move through the list and press RETURN when the arrow on the left of the screen points to the entry you would like to delete. When you press RETURN, a prompt asks, "Delete this entry? (Y/N)". If you enter a 'Y', the entry is deleted.

Use the print option to proofread your lists.

Print Entries

With this option, you can print the entries in the list to the screen or printer. The records are printed in standard label format with six lines per record. The sort key is printed on this list, but will not be printed when you merge the file with a L.L.L. label.

Choose the slot that your printer is in (usually 1) and press RETURN. Pressing the ESC key will pause or cancel the printout.

Empty files will not be saved to disk

The PS Lover's Utility set is a set of 10 Print Shop utilities available from the Big Red Computer Club.

Save List and Exit

Use this option to save any additions or changes you have made to the list. The file is first sorted by the sort key fields, then saved to disk. When the operation is complete, the screen to select a data disk is displayed again.

Exit Without Saving Changes

This option allows you to leave the edit menu without saving the changes and additions you have made to the file. A prompt asks "Are you sure? (Y/N)". If you answer with a 'Y', the program takes you back to the data disk screen and all your changes are lost.

Exiting the program

To exit the program, press ESC until you are at the Exit Menu. Then select the operation you would like to perform next.

Using Files From the PLUS Database

Files created with the database program on the Print Shop Lover's Utility Set (PLUS) are compatible with the L.L.L. Database. To use them, you must use the Apple System Utilities disk or Copy II Plus to copy them from a DOS 3.3 disk onto a ProDOS disk. You must then rename the file so that the first five characters are "LLDB."

Appendix A

Print Shop Graphics

Using Graphics from the Print Shop Program Disk

Graphics, fonts, and borders on the Print Shop program disk cannot be accessed directly by L.L.L. They must first be moved to a formatted DOS 3.3 disk. Follow this procedure.

Start your computer with either Print Shop or the Print Shop Companion program. Select the GRAPHIC EDITOR utility from the main menu. Use Control-G to get a graphic from the Print Shop program into the editor. Then use Control-S to save the graphic onto your data disk. The graphic can now be used with L.L.L.

To transfer fonts or borders from the Print Shop program disk to a data disk, you must use the Print Shop Companion program. Select either the FONT EDITOR or the BORDER EDITOR and use the Control-G, Control-S option to transfer the desired files onto your data disk.

Any initialized DOS 3.3 disk can be used as a data disk for saving single-color Print Shop graphics, borders, or fonts.

Appendix B

Compatible Printers

The following is a partial list of printers which are compatible with L.L.L.:

Epson RX80, FX80 and compatibles

Epson EX800

Panasonic 1091

Citizen

Juki 550

C. Itoh ProWriter

NEC 8023

Apple DMP

Apple ImageWriter

Apple ImageWriter II

Apple Scribe

Star Gemini 10X, 15X

Okidata 192, 193

Appendix C

Compatible Interfaces

The following is a list of printer interfaces which are compatible with L.L.L.:

Apple IIC Serial Port
Apple Parallel
Apple Serial
Apple Super Serial
Grafstar or Grappler
Grappler Serial
FingerPrint
CCS 7710A Serial
CCS 7720 Parallel
CCS 7728 Parallel
Pkaso or Pkaso U
Printermate
Textprint Print-It
Dumpling 64
Dumpling GX
Grappler+ or Fingerprint+
Microbuffer II
Videx Uniprint
Apple IIGS Serial Port
Pro Grappler set as Apple Parallel
Laser 128 serial port set as IIC Serial

Appendix D

Troubleshooting

Most problems with L.L.L. can be traced to the printer or printer interface card. If the printer doesn't do anything or if it prints out garbage, please follow these steps:

Go back to the PRINT MENU and check the Printer Setup options.

If everything seems to be in order in the Printer Setup, try turning your printer off, pausing for a few seconds to let it clear, and then turning it back on.

If you still don't have any luck, call or write us. We need to know what type of printer, printer interface and computer you are using. We may also want to know how many drives you have. If you write us, please send a sample copy of any printouts from L.L.L. This may help us diagnose the problem.

Our address is Big Red Computer Club, 423 Norfolk Avenue, Norfolk, NE 68701. The phone number for technical support is (402) 379-4680.

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