

# **Higher Text Plus**

**with Higher Fonts**



Produced by:  
***Brian Wiser & Bill Martens***



**Apple PugetSound Program Library Exchange**

# **Higher Text Plus**

Copyright © 1981, 2020 by Apple Pugetsound Program Library Exchange (A.P.P.L.E.)  
All Rights Reserved. [www.callapple.org](http://www.callapple.org)

ISBN: 978-1-71672-724-5

## **ACKNOWLEDGEMENTS**

Our thanks to Robert C. Clardy, A.P.P.L.E. member and owner of Synergistic Software for continued permission to publish this software.

*Higher Text II* originally published by Synergistic Software in 1980.

*Higher Text Plus* originally published by A.P.P.L.E. in 1981.

*Higher Text* program copyright 1980 by Ron Aldrich and Darrell Aldrich.

Apple with TV art from *Higher Text II* manual originally designed by Anson.  
Colorized and modified by Brian Wiser.

The Cover and Book were designed by Brian Wiser.

## **PRODUCTION**

Brian Wiser → Cover, Design, Layout, Editing  
Bill Martens → Scanning, Proofreading, Disk Updates

## **DISCLAIMER**

No part of this book may be reproduced, distributed or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without prior written permission of the publisher, except in the case of brief quotations contained in articles and reviews, and program listings which may be entered, stored and executed in a computer system, but not reproduced for publication.

*Higher Text Plus* disk images are available from the publisher: [www.callapple.org](http://www.callapple.org). No warranty of disk images is made or implied and should be used at your own risk.

*Higher Text Plus* is an independent publication and has not been authorized, sponsored, or otherwise approved by any institution, public or private. All images are under copyright and the property of Apple Pugetsound Program Library Exchange, or as otherwise indicated. Use is prohibited without prior permission.

Apple and all Apple hardware and software brand names are trademarks of Apple Inc., registered in the United States and other countries. All other brand names and trademarks are the property of their respective owners.

While all possible steps have been taken to ensure that the information included within is accurate, the publisher, producers, and authors shall have no liability or responsibility for any errors or omissions, or for loss or damages resulting from the use of the information and programs contained herein.

# About the Authors

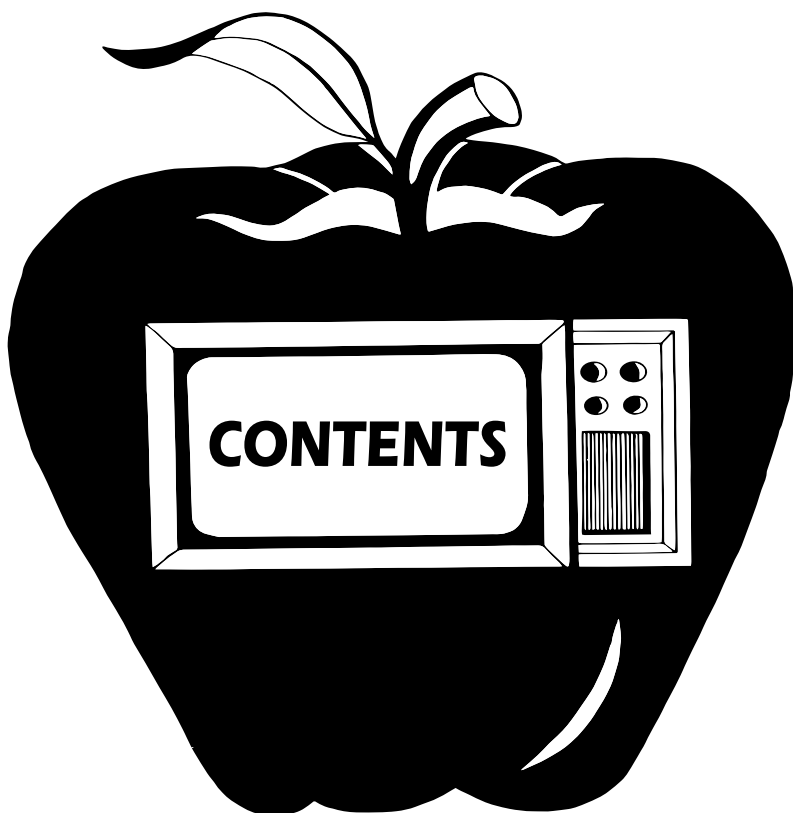
The Aldrich brothers, Ron and Darrell, were very prolific Apple II programmers who provided software in the early days to Synergistic Software and in turn to A.P.P.L.E. via Robert C. Clardy.

Together, they wrote a number of titles including several in the Academic Hallmarks produced Knowledge Master series in the areas of biology and earth sciences.

They also hold a number of patents in the area of glass coatings for insulation and have been prolific producers in the scientific community for many years

Ron and Darrell were single-handedly responsible for changing the way users presented text on a display when they wrote their best-selling *Higher Text* for the Apple II and the accompanying fonts – allowing users to present software that was not only impressive to see but also easy to use.

They both continue to reside in the Seattle, Washington area today.



## **I – Quick Reference Command Summaries**

A. Generator Commands .....	1
B. Character Editor Commands .....	2

## **II – Overview**

So now that I've got it, what do I do? .....	5
What's this about more than six hi-res colors? .....	6
Pretty Printing .....	7
Identical Editors are Like Identical Twins .....	7
Up, Up and Away ( <i>Higher Text</i> in Action) .....	8

# III – The Text Generator

- Introduction ..... 11
- A. CHARACTER PARAMETERS ..... 12**
  - 1. Font Sizes and Display Modes ..... 13
    - a. Large Font ..... 13
    - b. Medium Font ..... 13
    - c. Small Font Display Modes ..... 13
  - 2. Character Colors ..... 14
  - 3. Background Colors..... 16
  - 4. Upper and Lower Case ..... 17
- B. CURSOR CONTROLS..... 18**
- C. SCREEN FUNCTIONS ..... 18**
  - 1. Clearing Functions ..... 18
  - 2. Scrolling Functions ..... 19
  - 3. TEXT Command ..... 19

# IV – The Character Editors

- Introduction..... 21
- A. EDIT SYSTEM FEATURES ..... 24**
  - 1. Entering and Exiting the Editors..... 24
  - 2. Loading and Saving Fonts and Generators..... 24
  - 3. Moving Characters To and From the Edit Window..... 27
  - 4. Swapping Large Font Characters ..... 27
- B. CHARACTER EDITING FEATURES..... 28**
  - 1. Clearing the Edit Window ..... 28
  - 2. Setting and Clearing Dots in the Matrix ..... 28
  - 3. Using the Edit Cursor ..... 28
  - 4. Scrolling a Character in the Edit Window ..... 29
  - 5. Inserting and Deleting Lines..... 29

## **V – Technical Data**

<b>A. MEMORY ALLOCATION</b> .....	31
1. Memory Map.....	31
2. Memory Usage by Higher Text and Friends.....	31
3. High Resolution Screen Pointers .....	33
<b>B. FONT CONFIGURATIONS</b> .....	34
1. Normal Configurations .....	34
2. Non-Standard Configurations .....	34
3. Calculating Font Indexes .....	35
4. Garbage Fonts.....	36
<b>C. INTEGER BASIC HI-RES ROUTINES</b> .....	36
<b>D. CTRL-B[ackground] SCREEN FUNCTIONS</b> .....	38

## **VI – General Information**

<b>A. CREATING YOUR OWN PROGRAM DISKETTE</b> .....	43
<b>B. SUBSIDIARY FUNCTIONS</b> .....	44
1. Key Click .....	44
2. Control-G (bell) .....	44
<b>C. SUPPORTING PROGRAMS</b> .....	45
1. Program Line Editor .....	45
2. LOMEM: (The &LOMEM: Utility) .....	45
3. Billboard .....	46
a. Slide Maker .....	46
b. Climber .....	47
4. Higher Fonts & Font Previews .....	48
5. Demo Programs.....	69

<b>VII – Glossary</b> .....	75
-----------------------------	----