Apple /// Computer Information
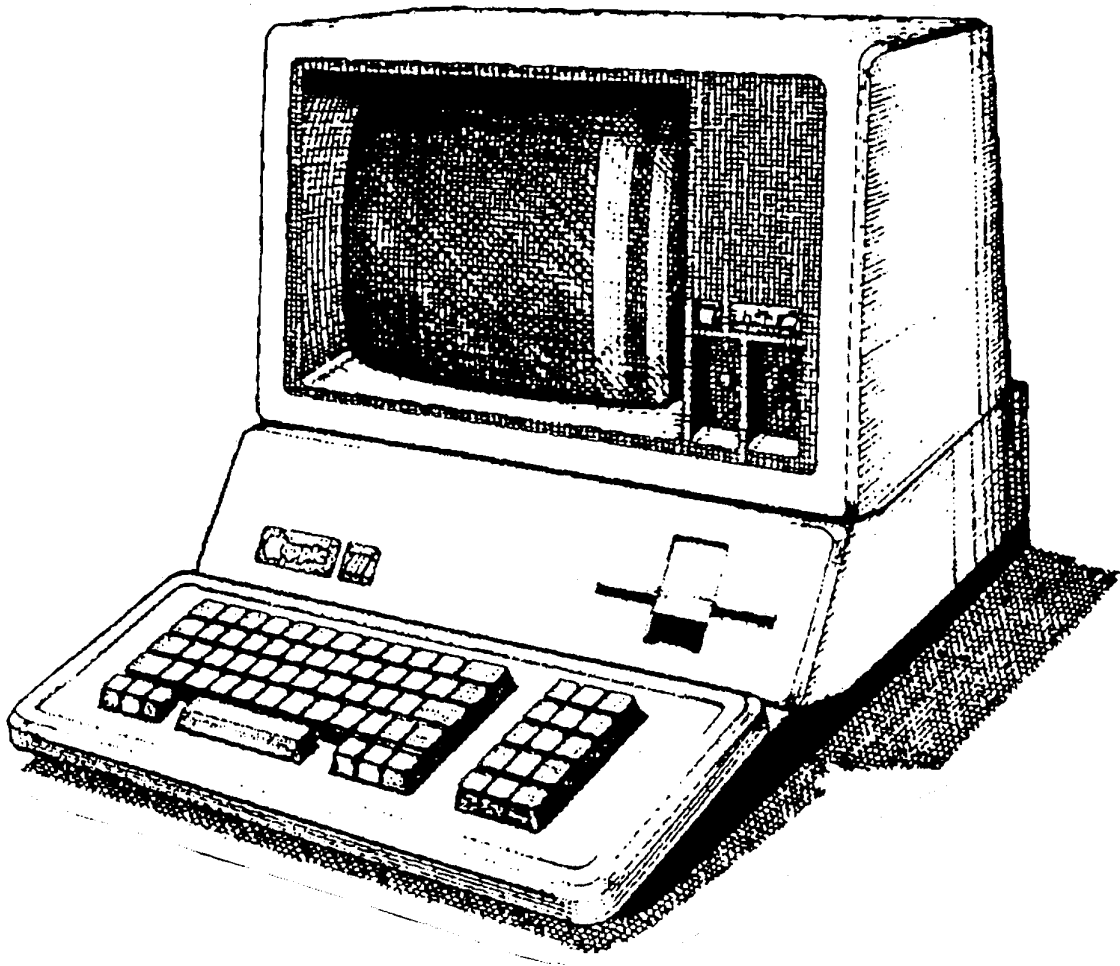
┌─────────── DOCUMENT NAME ───────────┬─ # ─┐
│ PAIR SOFTWARE CATALOG (1989)   │ 150 │
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Ex Libris David T. Craig

37 pages

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15                          T H E
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19              P A I R    S O F T W A R E
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23                      C A T A L O G
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27
28                     Pair Software
29                   3201 Murchison Way
30                   Carmichael, CA  95608
31                   Voice: (916) 485-6525
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34            Specializing in the Apple ///
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45         F U L L  1 9 8 9  I S S U E
46                   Supplement
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50                              P A I R   S O F T W A R E
51                        32Ø1 Murchison Way, Carmichael, CA  956Ø8
52                        Voice: (916) 485-6525   BBS: (916) 488-5184
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89   All  items marked or noted as UPGRADE must have your original diskette
90   submitted with your order.  All sales are final.   Some  programs  may
91   need  work  to  be  used in your application.  CP/M items require CP/M
92   card.  Business Basic programs require Version 1.23.  Pascal  programs
93   require  version  1.2.   Moore Enterprises, Pair Software and The ///
94   Magazine make no guarantees as  to  the  performance  of  any  of  its
95   products.  Ordering customers agree that they assume all risks and are
96   solely responsible for the use of any product.   California  residents
97   must  include  6.5%  sales  tax.  Please be sure to  include  shipping
98   and handling costs.  Overseas buyers must  pay  3  times  listed  S/H
99   costs. Check  or  money  order  only! Allow two weeks for delivery.
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103                    Send all orders to PAIR SOFTWARE
104              32Ø1 Murchison Way, Carmichael, CA 956Ø8
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107      Pair Software
108                                                    Page 2
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109
110    INFORMATION FOR APPLE /// OWNERS
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112
113    THE APPLE /// COMPUTER
114
115    Those  of  us  who own an Apple /// are very reluctant to give it up,
116    even for a more 'powerful' computer.  Aside from the time  and  money
117    the  new  learning  process  would  entail,  many of the features and
118    programs available for the Apple /// are still 'state  of  the  art'.
119    To  paraphrase  the  old  saying,  'if the d*** thing works, leave it
120    alone', Apple /// owners may be saying, 'if the d*** thing  does  the
121    job, why change to something else'.
122
123    PAIR  SOFTWARE  offers  a variety of Apple /// products, and plans to
124    continue to service the Apple /// market for some time to come.   Our
125    software  library includes products both in the public domain and new
126    copyrighted developments.  WE SUPPORT ALL OF THE  PRODUCTS  WE  SELL.
127    However,  some of the less expensive, public domain pieces may not be
128    a sophisicated as our other products.  The  notes  below  are  for  a
129    better understanding of how to use this software.
130
131    Finally,  what will keep us committed to the Apple /// are new sales.
132    We are a small company, and new sales encourage us  to  keep  working
133    for the Apple /// community.  Our prices are very reasonable.  If you
134    see something you like, buy it and give it a try.
135
136    By  the way, if you DO have to move to the IBM world, we can still be
137    of service to you.  Just write and ask for a  copy  of  our  new  IBM
138    products catalog.
139
140    READ.ME FILES
141
142    Many  of our Public Domain pieces do NOT have manuals.  Where manuals
143    exist we do try to provide them, but this does drive up the  cost  to
144    you.   Often,  though,  manuals  do  not  exist at all.  Much of the
145    software we will send you is very easy to use if you have  a  general
146    understanding  of  your  ///.  In general, this means that you are at
147    least  familiar  with  things  like  device  names  (.D1,  .PROFILE,
148    .PRINTER,  .COMREX,  etc.),  the  System  Utilities  program and your
149    keyboard controls.
150
151    Many  of  our  Public  Domain and other software products will have a
152    READ.ME file on the diskette.  The  READ.ME  files  often  contain  a
153    wealth  of  information  about  the  products  you  have  purchased,
154    including recent updates to the program.  You can access the  READ.ME
155    file  with  any  word  processing program, or use System Utilities by
156    Copying the READ.ME file to your .PRINTER (or other printer  device).
157    Do not print directory information (System Utilities will ask you).
158
159    DISK DRIVE SPEEDS
160
161    At  PAIR  SOFTWARE  we  spend  a  great  deal of time maintaining our
162    equipment to Apple specifications.  Since we sell software  all  over
163    the  world  for  a  variety  of  Apple /// configurations, it is very
164    important that we can guarantee our software is correctly copied  and
165    verified.
166
167    Over the years we have had calls from customers telling us that their
168
169    Pair Software                                                  Page 3
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172
173    new software could not be accessed or that it was difficult to
174    access. Yet, when the software was returned, 9Ø% of the time it was
175    found to be completely accessable from our machines!  When returned
176    to the customer, they reported the same problems.  Of course, the
177    problem was the customer's own out of whack drives.  Out of alignment
178    drives are bad news.  Aside from you being unable to use software you
179    may purchase from any source, your own formatted diskettes may
180    eventually become inaccessable.   Even worse, if you fix the drive
181    your diskettes formatted when the drive was out of alignment may
182    still be inaccessable!   Obviously, this is a condition to be
183    corrected!
184
185    The most common problem with diskette drives is the drive motor
186    changing speed.  This is very easy to fix if you have our Dealer
187    Diagnostics diskette (#54Ø5) which has a disk speed adjustment
188    program.  To use the program, simply boot the Dealer Diagnostics
189    disk, create the test diskettes, run the DISK TEST portion of the
190    program, and follow the instructions.  The ideal drive setting is
191    'Ø'.  For the Disk ///, the drive speed adjustment is a small, blue,
192    rectangular potentiometer located on a small circuit board on the
193    back right-hand side of the drive.  For the Micro-Sci drives, the
194    drive speed adjustment is a small, square potentiometer located on
195    the analog board at on the top of the machine, left hand side about
196    mid-board.  For more repair work, our Dealer Service Manual (#57ØØ)
197    is a better deal, and it includes the Dealer Diagnostics Diskette.
198
199    One other item.  There are hundreds of possible configurations for
200    Apple /// system SOS.DRIVER.  Keeping a SOS.DRIVER for every customer
201    would be prohibitive.  The easy solution?  Use a working SOS.DRIVER
202    file from a diskette that already designed for your system!
203
204    LANGUAGES
205
206    All of the programs we sell require the appropriate computer language
207    for operation, either Business Basic or Apple Pascal.  Further, these
208    programs will work only with Business Basic 1.23 or Pascal 1.1 or
209    greater.  If you do not have these programs, they can be ordered from
210    us at a nominal charge.  Please see your catalog.
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232    Pair Software                                    Page 4
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236        STUFF TOO NEW TO CATALOG!!
237
238     FINANCE
239
240     ADVANCED  VISICALC  DV  -  This  is  a special upgrade of the Advanced
241     Visicalc system for Apple /// owners using  a  diskette  based  system
242     (hard  disk owners see below).  THIS VERSION IS 100% COPYABLE AND 100%
243     UNPROTECTED.  Worry no more about the time  your  Loader  diskette  is
244     gone  forever!    Documentation on disk.  A must for Advanced Visicalc
245     users.  You  must  submit  one  of  your  original  Advanced  Visicalc
246     diskettes  to  receive the upgrade.  Only $29.95 plus $1.00 S/H, order
247     #5508.  ADVANCED VISICALC HDV  -  For  Catalyst/Selector users,  adds
248     features  and  eliminates  need  for  having  Loader  diskette  in the
249     internal drive.  Only $29.95 plus $1.00 S/H, order #5502.
250
251     CHECKBOOK /// Ver.  5.0 - HERE AT LAST!!  THE NEW VERSION OF CHECKBOOK
252     ///!!  NOW WITH /// E-Z PIECES LIKE INTERFACE, SUPPORTS ALL  PRINTERS,
253     FASTER,  ALL  BUGS FIXED!!  THE checkbook ledger program for the Apple
254     ///, CHECKBOOK /// offers  a  convenient  system  for  detailing  the
255     dollars  you  spend.    CHECKBOOK /// provides the  capability  for
256     maintaining up to 10 checkbooks, up to 100 accounting codes, an up  to
257     3000 entries per account.  CHECKBOOK /// also provides the ability for
258     detailing expenses (taxes, payments, etc.),  generate  report  formats
259     for  budget  comparisons or payable posting on a monthly, quarterly or
260     annual basis.  Requires 256K.  Regular $79.95, on sale for $69.95 plus
261     $2.00  S/H,  order #6300.  Version 4.0 users can upgrade their systems
262     for only $29.95, order #6316 (system is operationally the same).   IBM
263     version late January, and more upgrades coming.
264
265     LANGUAGES
266
267     MODULA-2  by Volition Systems.  We lucked out and found a source for a
268     number of Volition  Systems  MODULA-2  packages  for  the  Apple  ///.
269     MODULA-2  was  created  by the author of PASCAL, Niklaus Wirth, as the
270     logical successor to PASCAL.  A very powerful language with extensions
271     far  beyond  the power of PASCAL.  MODULA-2's interface and conversion
272     code program allows you to use PASCAL units in MODULA-2 libraries.  We
273     have  added a number of upgrades and bug fixes to the original system,
274     and  now  provide  a  full  system  with Pascal 1.1  filer,  editor,
275     assembler,  etc.  If you wanted to learn this popular language WITHOUT
276     buying  a whole new machine, this is the source!  Regular  $89.95,  on
277     sale for $79.95 plus $5.00 S/H, order #5815.
278
279     MODULA-2  HARD DISK UPGRADE allows you to place your complete MODULA-2
280     system in a sub-directory on your hard disk.  A must those wanting  to
281     use  complete  Pascal and MODULA-2 systems on the same hard disk.  You
282     must submit one of your MODULA-2 diskettes to  receive  this  upgrade.
283     Only $29.95 plus $1.00 S/H, order #5816.
284
285     PASCAL  1.2  DIRECTORY  PATCH (Version 2.0) allows you to install your
286     PASCAL 1.2 system under a sub-directory and free your hard  disk  root
287     directory  space.    This  even allows you to set up several different
288     PASCAL systems- one for your accounting program, one for your graphics
289     programs,  etc.    Saves  a  lot  of hassles! Requires PASCAL 1.2 for
290     operation, and you must first install  your  PASCAL  1.2  system  with
291     PMOVE.   NOW SUPPORTS THE PASCAL 2.0 COMPILER!!  256K minimum and hard
292     disk.  Only $19.95 plus $1.00 S/H, order #5804.  PASCAL  2.0  COMPILER
293     is  the  latest  version  of  the  PASCAL  compiler.   Can be run as a
294
295     Pair Software                                        Page 5
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299    standalone program.  Adds a pack of features to your system, including
300    more  standard PASCAL commands like CYCLE and LEAVE.  Includes manual.
301    Requires PASCAL 1.2 to operate.  256K minimum (512K recommended),  two
302    drive  drives  or  hard disk recommended.  Only $29.95 plus $2.00 S/H,
303    order #5805.
304
305    DATA BASES
306
307                          WHILE SUPPLIES LAST!!
308            SPECIAL ON APPLE /// OMNIS 3 DATA BASE.  ONLY $99.95
309                                    |
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312     The  OMNIS  DATA  BASE  systems are the most powerful and easy to use
313    data base systems available for any computer.  With easy to use,  step
314    by  step  instructions  you can design ANY type of data base system to
315    suit ANY office environment.  Tired of maintaining  a  dozen  separate
316    data  bases  for your work?  OMNIS is completely relational, with up to
317    60 files (12 files for the Apple ///) per data base system, up to 2560
318    megabytes  (40  megabytes  for  the  Apple  ///)  per system, up to 12
319    indexes per file!!  Create your own  accounting,  invoicing,  billing,
320    inventory,  statistical information, letter generation,, etc., systems
321    fast and easy.  OMNIS is the only data base system we use!  Available
322    in  single  user  and  multi-user versions (up to 64 users!!).  If you
323    thought you couldn't create a computer system to  meet  the  needs  of
324    your  office,  WORRY NO MORE!  Why suffer any more with other people's
325    ideas of what you need?  Available are OMNIS 3 (Apple  ///):  $395.00
326    (order  #6312);  OMNIS 3+ EXPRESS (Macintosh): $575.00 (order #6313);
327    and OMNIS QUARTZ (IBM and compatibles, runs under MicroSoft  Windows):
328    $695.00  (order  #6314).   Plus  tax (California only) and $10.00 S/H
329    (call for prices on multi-user versions).  Pair  Software  is  also  a
330    certified  OMNIS  VAR.   We  can  also  develop  any  system  to your
331    specifications.
332
333    The   OMNIS  ///  OFFICE SYSTEM.  This is a copy of the very same office
334    data base setup that we  use  for  our  own  OMNIS  3  office  system.
335    Includes  complete  customer  maintenence,  invoicing  with  automatic
336    invoice number assignment (take a look at one of the invoices you have
337    received  from  us),  transaction  codes, reports including income and
338    expense summaries, mailing label formats, etc., for  your  own  office
339    system  under  OMNIS  3.  100% customer modifiable and multi-user.  If
340    you love the power of the multi-relational OMNIS 3  data  base  system
341    but  have  been put off by the sheer amount of work to set up your own
342    system, the OMNIS /// OFFICE SYSTEM is the  way  to  get  your  system
343    going.  Best of all, it's YOUR system to do your way!  Requires Apple
344    /// OMNIS 3 setup up on a hard disk, 256K memory, Backup ///  to  load
345    system.  Includes manual.  Only $69.95 plus $3.00 S/H, order #5716.
346
347    TELECOMMUNICATIONS
348
349    CODEFILE  TRANSMITTER Version 2.0 - This program can convert ANY Apple
350    /// program, code or data file into a specially  formated  ascii  text
351    file  for  transmission  by  any  telecommunications program.  Files
352    received can be re-converted into the appropriate file name and  type.
353    Very accurate and easy to use.  If you have our ACCESS /// package you
354    can even download public domain programs from the PAIR  SOFTWARE  BBS.
355    Requires 256K machine, one diskette drive, word processor (Applewriter
356    ///, Word Juggler, etc.) to process files received.  Only $24.95  plus
357
358    Pair Software                                      Page 6
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361
362        $1.ØØ S/H, order #53Ø3.
363
364        MAXINET, Version 5.2 is the new upgrade of the powerful MAXINET
365        electronic Bulletin Board System (BBS) for the Apple ///.  With
366        MAXINET, a free phone line and a 3ØØ/12ØØ/24ØØ modem, you can act as a
367        electronic 'host' to up to a 1,ØØØ system users.  Easy to use for both
368        operator and call in users.  Send and store messages, bulletins and
369        electronic 'mail'.  Fully functional chat interface.  New SYSOP screen
370        controls all aspects of SYSOP interface.  Logfile records all customer
371        actions.  All files are ascii files easily modified by your word
372        processor.  Fully secure system.  Requires 256K machine, hard disk
373        drive, word processor to create files.  Also works under Catalyst or
374        Selector ///.  Only $79.95 plus $4.ØØ S/H, order #53Ø6.
375
376        PASCAL PROGRAMS
377
378        GET BYTE TWO is a program and article on special Pascal routines to
379        identify 'special' key presses like 'closed Apple ESCAPE', 'open
380        Apple/closed Apple ESCAPE', etc.  Allows you to use the full power of
381        your Apple /// keyboard and vary input for special needs.  Only $24.95
382        plus $1.ØØ, order #5926.
383
384        The GET SCREEN STRING PROCEDURE is a combination of Pascal and
385        Assembly routines that allow you to directly 'read' sections of your
386        monitor screen for input.  Now you can set up a user interface for
387        regulated input and then read the input when you need to!!  All source
388        text included.  Only $24.95 plus $1.ØØ S/H, order #5928.
389
390        THE PULL DOWN MENU UNIT is a special PASCAL unit that allows you to
391        set up a 'MacIntosh Like' menu environment in a non-graphics mode!
392        Easy to use and implement in your own programs no matter what Pascal
393        based computer your are using.  Fully documented with an excellent
394        article on using the Unit.  All Pascal source supplied.  Requires
395        Pascal 1.2.  Only $29.95 plus $1.ØØ S/H, order #5927.
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421        Pair Software                                    Page 7
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424
425         ASSEMBLY LANGUAGE
426
427         Assembly  language  compiles  directly  into 6502 machine code on your
428         Apple  ///,  the  fastest  computer  language  available.  Apple  ///
429         Assembly   Language   requires  the  Apple  ///  Pascal  system  for
430         development. The Apple /// Pascal Assembler converts your assembly
431         language  routine  into  a  codefile that can be linked with Pascal or
432         invoke by Business Basic Programs.  When speed is necessary,  assembly
433         language is the answer.
434
435         The  APPLE  ///  ASSEMBLER LIBRARY is for the hackers only.  This is a
436         set of assembler routines and a skeleton SOS.INTERP file to aid you in
437         the  creation  of  your  own systems.  Included are routines for math,
438         disk and block I/O, console input/output, etc.  Also included  is  the
439         MAKEINTERP  program  (and  it's  source  text)  for modifying properly
440         formatted Apple /// assembly code files into SOS.INTERP  files.   128K
441         minimum, one disk drive.  Only $24.95 plus $1.00 S/H, order #5001.
442
443         The JEPPSON DISASSEMBLER is the famous code disassembler for the Apple
444         ///  described in the September 1982 issue of SOFTALK.   While  not  as
445         sophisicated  as  our  SOURCE  WINDOW  program  (see  D.A.  DataSystem
446         products), it can provide you with a formatted output of  an  assembly
447         language  file.   Includes the SOURCE MAKER program for re-assembling
448         code and documentation.  Requires PASCAL.  128K  minimum,  two  disk
449         drives  or  hard  disk recommended.  Only $24.95 plus $1.00 S/H, order
450         #5000.
451
452         The  RIGHT  TO  ASSEMBLE  is the famous series of articles on assembly
453         language by Stephen J.  Street that appeared  in  the  1985  and  1986
454         issue  of  The  /// Magazine.  Includes source text, assembled modules
455         and  documentation  and  source  text  for  the  assembler  modules
456         ADDINTEGER,  PROPER,  SQUEEZE,  GETTIME  and  READCONSOLE (a new INPUT
457         routine).   Just  the  ticket  for  assembly  language  programmers.
458         Requires PASCAL for assembly, 128K minimum.  On three diskettes.  Only
459         $54.95 plus $2.00 S/H, order #5002.
460
461         The  SANE/ELEM Disk contains an assortment of units and assembly code
462         to provide an true SANE/ELEM interface for Pascal,  and  can  even  be
463         extended  to  Basic, Fortran and Modula-2!  The code helps make Pascal
464         1.2 100% compatible with the Apple //e Pascal 1.3  and  the  new  //gs
465         Pascal.   Source code is included for 6502 codefile.  Only $24.95 plus
466         $1.00 S/H, order #5925.
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484         Pair Software                                        Page 8
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488     BASIC PROGRAMS
489
490     The  BASIC language is still the most popular computer language in the
491     world.  Despite claims of its coming demise over the last  ten  years,
492     BASIC's  ease of use, short learning curve and flexibility continue to
493     gather new adherents.
494
495     Apple  ///  Business Basic is a very powerful implementation of BASIC.
496     For  a  long  time  it  was  the  fastest  BASIC  available  on   ANY
497     micro-computer,  including  the  early  IBM machines.  Anyone familiar
498     with Apple ][ Applesoft Basic will find Business Basic a snap to use.
499
500     APPLESEED  is  an  assortment of Business Basic programs that show you
501     how to use Business Basic to the fullest.  Included are  programs  for
502     color  screens  and  displaying  FOTO  files,  word processing, music,
503     screen formatting and flashing displays, you name it.  Better than  30
504     programs on disk!  HIGHLY RECOMMENDED if you work with Business Basic.
505     Requires BUSINESS BASIC 1.23.  128K minimum,  one  disk  drive.   Only
506     $24.95 plus $1.00 S/H, order #5100.
507
508     BASIC  INPUT MODULE is a program module written in Business Basic used
509     to replace the Business Basic INPUT command.  Use it in your  Business
510     Basic  programs  to have FULL control over your input, including type,
511     style  and  mode  of  input.   Includes  an  example  program,   full
512     documentation  within  the  program on the commands and a text UPSHIFT
513     assembly language module.  Best when used with our BASIC  GTO  partial
514     compiler  package.   Requires BUSINESS BASIC 1.23.  128K minimum,  one
515     disk drive.  Only $24.95 plus $1.00 S/H, order #5101.
516
517     BASIC  TEXT  PROCESSORS  are  a  set  of  programs  that are excellent
518     examples of a mail list manager and word processor written in Business
519     Basic.   Use  as  a standalone or integrate into your programs.  Best
520     when used with our BASIC  GTO  partial  compiler.   Requires  BUSINESS
521     BASIC  1.23.   128K  minimum, one disk drive.  Only $24.95 plus $1.00
522     S/H, order #5103.
523
524     BASIC  TOOLS  is a set of program utilities written in Business Basic,
525     including QUICK SORT, an array sorting program, an  improved  RENUMBER
526     program  (doesn't  bomb  so easy), the COMPARE program that compares a
527     new and old program for changes, the  DESIGN.FONT  program  to  create
528     system FONT files, STRING.CK to search a text file for an occurance of
529     a set of characters, FIND.REPLACE to locate and replace characters  in
530     very  large text files, and ADDRESS.CONVERT, an example of a file that
531     converts address files into another format specified by you, and  even
532     assigns  mail zones to the correct zip codes!  Requires BUSINESS BASIC
533     1.23.  128K minimum, two disk drives or hard disk  recommended.   Only
534     $24.95 plus $1.00 S/H, order #5102
535
536     CHARTMAKER  is  a  program  for  using  the  Apple and Hewlett Packard
537     plotters.  Just enter the necessary data for your plotter graph.  Very
538     easy  to  use,  and  an excellent example program for writing your own
539     applications.  128K minimum, one disk drive.  Only $24.95  plus  $1.00
540     S/H, order #5104.
541
542     The  Basic  GRAPHICS  UTILITY  LIBRARY  contains a large assortment of
543     programs written  in  Business Basic.   Examples  of  all  Apple  ///
544     graphics  modes  are  included.  Very colorful and educational.  Source
545     text included.  Requires 128K minimum, one disk drive, Business Basic.
546
547     Pair Software                                              Page 9
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550
551        Only $24.95 plus $1.ØØ S/H, order #51Ø6.
552
553        The REMARK INDEXER is a utility that can find and print REM statements
554        within a Basic program file.  You can use it to obtain a shorten  list
555        of  only  the  REM  statements  in  a  program  (excellent for program
556        debugging/extension) or for removing REM statements to  make  programs
557        smaller.   Source  text  included.   Requires 128K minimum, one disk
558        drive. Only $24.95 plus $1.ØØ S/H, order #51Ø7.
559
560        RLE  GRAPHICS  ///  is  a  utility that allows you to convert industry
561        standard  RLE  graphics  files  to  Apple  ///  graphics  files,   or
562        vice-versa!!   With  RLE  GRAPHICS  ///  you can interchange 28Ø x 192
563        graphics files  with  any  other  computer  running  an  RLE  program,
564        including  IBM,  TANDY, etc.  You can even transmit RLE files over the
565        phone with Access ///!  Also, many computer services  like  Compuserve
566        have  a  variety  of  interesting RLE files available, including daily
567        weather maps!  Easy to use.  For Compuserve you will need  our  Access
568        /// or XMODEM /// programs.  Only $24.95 plus $1.ØØ S/H, order #51Ø9.
569
570        SUPER  GOMOKU - This is program is Far Eastern favorite adapted to the
571        Apple ///.  Gomoku is an ancient game that is like  a  super  form  of
572        TIC-TAC-TOE.   The  ///  plays a mean game, too!  Ideal for the kids,
573        although they probably will have a better chance of winning  than  you
574        will!  Only $24.95 plus $1.ØØ S/H.
575
576        SUPER  TREK - This BEST of the 'Star Trek'-like computer games for the
577        Apple ///,  this  version  was  specially  modified  to  our  exacting
578        specifications.   Travel  the  galaxy battling Klingons, Romulans and
579        powerful Klingon  Commanders,  visit  Star  Bases  and  planets,  mine
580        dilithium  crystals,  ask  the  ship's 'computer' for assitance, avoid
581        supernovas, and much, much more.  15 levels of play.  If you are still
582        a  closet  'trekkie',  you'll love this game.  Requires 256K machines.
583        Self-Booting.  Only $24.95 plus $1.ØØ S/H, order #51Ø8.
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610        Pair Software                                        Page 1Ø
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614        COMMUNICATIONS
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616        Once the preserve of die-hard hackers, telecommunications has become a
617        common  feature  of  business  and  home  computer  work.    Modern
618        telecommunication  programs  and the systems they access are very easy
619        to use and can provide many valuable sources of information.
620
621        If  you  are a beginner to telecommunications, we highly recommend the
622        ACCESS /// Program w/Manual and 1.1 Upgrade notes, #5302, below.   For
623        more  advanced  work,  including  the  transmission of Apple /// files
624        directly (using the Xmodem protocol and  Apple  Binary  II  standard),
625        consider  XMODEM  ///.    All  telecommunications  programs  require a
626        telephone modem, available from your local computer store.  We  highly
627        recommend a Hayes or Hayes compatible (AT command) modem.
628
629        The  ACCESS  ///  INTERPRETER UPGRADE is the famous ACCESS /// program
630        now written as a standalone program.  This version also has a powerful
631        text  command  language  that  can automate your ACCESS /// system and
632        control its parameters- you can literally write a command  file  that,
633        while  you  are  away  from  home,  directs  your Apple /// to dial a
634        telephone number at 8 pm every night, log on  to  a  system,  download
635        your electronic mail, log off and then do it all again the next night,
636        even while checking for system errors!  The command language  file  is
637        created  on  your  ASCII word processor.  The Interpreter version also
638        uses a 32K buffer  for  faster  downloading.   You  must  submit  your
639        original  ACCESS  ///  program diskette to receive this upgrade.  256K
640        minimum, two disk drives or hard disk recommended.  Only  $24.95  plus
641        $1.00 S/H, order #5300.
642
643        ACCESS /// 1.1  PROGRAM UPGRADE is an upgrade for the Business Basic
644        version of Access /// version 1.0.  It includes  a  manual  describing
645        the  upgrade,  and  a  copy of our ACCESS /// PROGRAM (version 1.1), a
646        program that allows you to set up and maintain a variety of BBS's  for
647        file  storage, autodialing, parameter setting, etc.  If you use ACCESS
648        /// version 1.0, this upgrade is HIGHLY RECOMMENDED.  You must  submit
649        your  original  copy  of  ACCESS  ///  to  receive this upgrade.  128K
650        minimum, two disk drives or hard disk recommended.  Only  $24.95  plus
651        $1.00 S/H, order #5301.
652
653        ACCESS ///  1.1  PROGRAM  WITH  MANUAL  AND  1.1  UPGRADE NOTES.  The
654        complete ACCESS /// telecommunications program.  ACCESS  ///  is  a
655        VT-100/VT-52 emulation program for ascii terminal protocol.  The
656        program offers a variety of baud rates (110-9600) and protocols  (full
657        or half duplex, none, even, odd or mark parity).  The set includes the
658        ACCESS /// program module, our THE ACCESS /// PROGRAM (see above), the
659        ACCESS  ///  program  manual  and  the  ACCESS /// 1.1 program upgrade
660        notes. If you  want  to  get  into  computer  telecommunications  with
661        services  like Compuserve, The Source or Genie, this program is HIGHLY
662        RECOMMENDED.  128K minimum, two disk drives or hard disk  recommended.
663        Only $49.95 plus 3.00 S/H, order #5302.
664
665        CODEFILE  TRANSMITTER Version 2.0 - This program can convert ANY Apple
666        /// program, code or data file into a specially  formated  ascii  text
667        file  for  transmission  by  any  telecommunications program.   Files
668        received can be re-converted into the appropriate file name and  type.
669        Very accurate and easy to use.  If you have our ACCESS /// package you
670        can even download public domain programs from the PAIR  SOFTWARE  BBS.
671        Requires 256K machine, one diskette drive, word processor (Applewriter
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673        Pair Software                                        Page 11
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675
676        ///, Word Juggler, etc.) to process files received.  Only $24.95  plus
677        $1.ØØ S/H, order #53Ø3.
678
679        The  ELECTRONIC  MAILMAN  is  a powerful program that can convert your
680        word processor letters and mail lists into a special format   that  can
681        be processed by an E-COM format carrier.  You can process and transmit
682        via telephone modem up to 15ØØ letters an hour that will be processed,
683        then  delivered  by  the  U.S.  Postal Service to your your customers-
684        talk about the paperless office!  We use THE  ELECTRONIC  MAILMAN  for
685        magazine  renewals,  product solicitations and program bug and upgrade
686        notices, but other customers use it  for  early  warnings,  bulletins,
687        announcements,  etc.  Typical nationwide delivery time is 1-4 days for
688        your letters!  The question is, why don't you have it?  256K  minimum,
689        two  disk  drives or hard disk required.  $59.95 plus $4.ØØ S/H, order
690        #63Ø2.
691
692        The  ELECTRONIC MAILMAN DEMO PROGRAM is a sample demonstration program
693        that shows you how easy  THE  ELECTRONIC  MAILMAN  is  to  use.   256K
694        minimum, one disk drive.  Only $5.ØØ, order #63Ø5.
695
696        MAXINET,  Version  5.2  is  the  new  upgrade  of the powerful MAXINET
697        electronic Bulletin Board  System  (BBS)  for  the  Apple  ///.   With
698        MAXINET, a free phone line and a 3ØØ/12ØØ/24ØØ modem, you can act as a
699        electronic 'host' to up to a 1,ØØØ system users.  Easy to use for both
700        operator  and  call  in users.  Send and store messages, bulletins and
701        electronic 'mail'.  Fully functional chat interface.  New SYSOP screen
702        controls all aspects of SYSOP interface.  Logfile records all customer
703        actions.  All files are ASCII text files easily modified by your  word
704        processor.   Fully  secure  system.  Requires 256K machine, hard disk
705        drive, word processor to create files.  Also works under  Catalyst  or
706        Selector ///.  Only $79.95 plus $3.ØØ S/H, order #53Ø6.
707
708        KERMIT  ///  is  an  easy to use terminal program that uses the Kermit
709        protocol.  Use for interfacing with  other  KERMIT  protocol  systems.
710        Source  code  included, instructions in disk manual.  256K minimum, two
711        disk drives or hard disk recommended.  Only  $29.95  plus  $1.ØØ  S/H,
712        order #53Ø4.
713
714        XMODEM /// is a full ASCII/XMODEM/BINARY II telecommunications program
715        for the Apple /// that allows your to communicate with the newer  IBMs
716        and  mainframes!   XMODEM /// provides you with the ability to use the
717        powerful XMODEM protocol for your telecommunications needs.  And, with
718        XMODEM ///'s BINARY II option you can actually transmit or receive ANY
719        SOS OR PRODOS FILE  READY  TO  USE  IN  ANY  APPLICATION.   Great  for
720        programmers  sending  new  program files to a remote site.  If you own
721        one telecommunications program, we recommend XMODEM ///.  Only  $64.95
722        plus $2.ØØ S/H, order #53Ø4.
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735        Pair Software                                        Page  12
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739        CP/M
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741        CP/M  was THE standard computer disk system for the early micro world.
742        Based on the Z-80 microprocessor, CP/M had only 64K of  memory  space
743        available  but  thousands  upon thousands of programs were written for
744        the system.
745
746        All  programs  here  will  work  with either the Apple ][ or Apple ///
747        SoftCard or PCPI CP/M peripheral cards.
748
749        CP/M PUBLIC DOMAIN PK.  #1 is an assortment of disk utilities for CP/M
750        users.  SOFTCARD /// or PCPI CP/M card required, one disk drive.  Only
751        $19.95 plus $1.00 S/H, order #5200.
752
753        FORTH  and XLISP are public domain versions of these languages for the
754        CP/M operating  system.  No documentation,  but  manuals  for  these
755        languages are available in bookstores.  SOFTCARD /// or PCPI CP/M card
756        required, one disk drive.  Only $19.95 plus $1.00 S/H, order #5201.
757
758        SMALL-C  LANGUAGE is the public domain versions of these languages for
759        the CP/M operating system.  No documentation, but Small-C manuals  are
760        available in bookstores.  SOFTCARD /// or PCPI CP/M card required, one
761        disk drive.  Only $19.95 plus $1.00 S/H, order #5202.
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798        Pair Software                                        Page 13
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802     FOR THE POWER USER :
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804     POWER  CAT  ///  is  a DISK LIBRARIAN which will sort and catalog over
805     5ØØØ individual files and programs scattered over  up  to  5ØØ  floppy
806     diskettes  or on Profile or other hard disk.  The Power Cat report can
807     be used to  quickly  locate  current  or  correct  versions  of  files
808     scattered  around  your  not always perfectly organized filing system.
809     Only $29.95 plus $1.ØØ S/H, order #6417.
810
811     POWER  PRINT  ///  is a Device Driver which will allocate a section of
812     system memory as a Printer Buffer.   Thus  when  you  "print"  a  long
813     document  it  is  actually  stashed  away  in  the  buffer  memory - a
814     procedure which takes place at 'silicon' speed.  The  net  effect  for
815     the  user  is  that most PRINT commands are processed instantaneously,
816     then the actual printing runs on its own over a  longer  period  of  time
817     while  you  resume  more productive use of your ///.  Serial/RS232 and
818     Parallel/UPIC versions available.  Sizes from 2K to  3ØK  supplied  on
819     the disk.  Only $29.95 plus $1.ØØ S/H, order #6419.
820
821     THE  RETRIEVER  is  an  "UnDelete" utility... a type of program which
822     allows recovery of  inadvertently  deleted  programs  or  data  files.
823     Menu-driven  throughout.   Unlike other file recovery programs for the
824     ///, the program will also manage the more complex partial recovery of
825     so-called  'delete-damaged'  files,  allowing  you to recover at least
826     part of your valuable data even if the rest is truly destroyed- a real
827     time  saver!   Think  of THE RETRIEVER as an INSURANCE POLICY !  Only
828     $34.95 plus $1.ØØ S/H, order #6418.
829
830     FOR THE BASIC PROGRAMMER :
831
832     BASIC  GTO  is  a Partial Compiler & Program Accelerator for the Apple
833     /// Business Basic language which will translate  any  Business  Basic
834     program  into  a  format  which  executes between 5Ø% and 5ØØ% faster.
835     Typical  applications  might  expect  at  least  75%  performance
836     improvements.   Translated  programs  are listable and modifiable and
837     require only the addition of one program line to include  the  speedup
838     routines.   Versions  for  Business Basic versions 1.1, 1.2, 1.23 and
839     1.23aX included.  If you program in Business  Basic,  you  need  BASIC
840     GTO! Only $59.95 plus $1.ØØ S/H, order #642Ø.
841
842     BASIC  UTILS  is a collection of Basic and Assembler language programs
843     which act together to provide the Apple /// owner, working within  the
844     Business  Basic  language,  with access to the most-used file and disk
845     'housekeeping' functions.  It provides BLOCK  READ/WRITE,  DISK  COPY,
846     FILE  COPY and DISK FORMAT functions for your Business Basic programs.
847     These are accessed via a menu driven,  multiple  window  format  which
848     allows  for  efficiency  and  ease  of  use,  or you may include the
849     assembler routines in your own  programs.   No  need  to  boot  System
850     Utilities-  now  you  can  add  automatic  backup routines to your own
851     programs.  Only $29.95 plus 1.ØØ S/H, order #6423.
852
853     BASIC   XRF   is  a  utility  program  that  will  produce  a  Sorted
854     Cross-Reference of all Variables  in  any  Business  Basic  program  -
855     showing  all variables used in the program followed by a list of every
856     program line that variable is used in.  It is written in a combination
857     of  Basic and Assembler and uses sophisticated hashing and linked-list
858     algorithms for speed and compactness.  In addition we have  "compiled"
859     it  with  our  program  accelerator BASIC GTO which zips it up by 62%.
860
861     Pair Software                                          Page 14
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863
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865   Use it to find hanging or mis-typed variables, mis-referenced
866   variables or simply to enhance system documentation. Only $24.95 plus
867   $1.00 S/H, order #6421.
868
869   BASIC XT is a collection of high-speed assembler routines which may be
870   added to any Business Basic program to improve performance and
871   compatibility with more widely used Basics. It includes PEEK, POKE,
872   CALL and VARPTR functions as well as High-Speed TAGSORT and QUIKSORT
873   routines. The first four allow access to virtually any machine
874   internals from Basic while the sorts manage string sorting roughly 35
875   times faster than a fast Basic routine. Only $24.95 plus $1.00 S/H,
876   order #6422.
877
878   FOR THE INQUISITIVE :
879
880   DATA WINDOW /// is a collection of utility programs which will produce
881   for you a standard formatted 'dump' of Apple /// system RAM or of any
882   FILE stored on any Apple /// device. It features a FileDump mode
883   which can be extremely useful in debugging stray data errors or
884   damaged file structures which standard applications cannot access.
885   Any file can be dumped to the screen for viewing or saved for later
886   examination with your word processor. All the little extra pieces of
887   information that are imbedded in the file, but transparent to your
888   application program, can be examined. Only $24.95 plus $1.00 S/H,
889   order #6426.
890
891   DISK WINDOW /// is a Disk Block Editor utility allowing the Apple ///
892   user to directly access and alter any data on any file storage device.
893   It allows you to access file type descriptors, disk space allocation
894   tables and directory structures and a variety of file elements which
895   are 'transparent' to higher level applications. The program
896   incorporates a unique UNDO function to allow recovering from
897   accidental block rewrites and it presents a flexible Multiple Window
898   formatted display which isolates data viewing, command entry and
899   message areas. DISK WINDOW is for the advanced /// user, but can be a
900   real lifesaver if a single repaired byte can save your disk and it's
901   data! Only $34.95 plus $1.00 S/H, order #6425.
902
903   SOURCE WINDOW /// is a powerfully implemented Reverse Assembler or
904   DisAssembler which will convert existing 'machine language' programs
905   such as Device Drivers or even SOS itself into readable symbolic
906   listings. Output is formatted in a manner which can be easily altered
907   and re-assembled if desired. Options include quick disasm to screen,
908   disasm from file or memory, definition of .ASCII or .BYTE blocks,
909   specification of file .ORG, and inclusion of hex and ascii equivalents
910   as comments. Only $34.95 plus $1.00 S/H, order #6424.
911
912   POWER KEYS - A DESCRIPTION :
913
914   POWER KEYS DM+ is a fully modifiable 'KEYBOARD MACRO PROGRAMMER' with
915   which a single keystroke can be made to 'type' a sequence of up to 128
916   characters that you have defined. Similar to the famous SIDEKICK
917   background system by Borland for the IBM and compatibles, Power Keys
918   DM+ also supports a "Cut and Paste" facility for moving data between
919   applications and a "Module Manager" which allows you to add additional
920   facilities for Notepad, Calculator, Telephone Dialing, Screen Print,
921   Printer Control, Disk-File Management and many others.All functions
922   and additional modules are available as "Background Utilities". This
923
924   Pair Software                                    Page 15
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928   means that while running any other program you  may  stop  momentarily
929   and  perform a Power Keys or Power Keys Module function then return to
930   the original program.
931
932   Features  include  (1)  defining  of macros up to 16 characters for 64
933   different keys, (2) defining of macros  up  to  64  characters  for  3
934   special  keys,  (3) viewing and altering an entire keymap while within
935   any program, (4) loading & saving an entire keymap from/to disk files,
936   (5) default loading of a specified keymap at boot time, (6) 'chaining'
937   or connecting together of sets of macros allowing overall macros of up
938   to 128 characters.
939
940   The  POWER  KEYS DM+ base module runs the entire POWER KEYS system and
941   it's modules.  Only $59.95 plus $1.00 S/H, order #6400.
942
943   POWER KEYS MODULES :
944
945   ALL  MODULES  may  be  loaded  at system 'boot' time and are instantly
946   available at the touch of a key right in the  middle  of  ANY  running
947   program.    While  some are as large as 4K or 5K the majority are less
948   than 1K in size and, like the rest of the Power Keys system,  designed
949   with  efficient  use  of  your  system  resources  in mind.  Power Key
950   systems may be up to 30K at boot time, or use  MODULOAD  and  have  NO
951   limit to your Power Key systems.
952
953   ASCITABLE displays a table of the presently loaded Ascii character set
954   and  giving  decimal,  hex  and  character  equivalents.   Used   in
955   conjunction  with  FONTLOAD,  it  may  also be used to examine current
956   character font.  Only $24.95 plus S/H $1.00, order #6406.
957
958   DISKMGR  allows  you  to  Format a floppy disk or copy any file at any
959   time while running any program.  This module is not a replacement  for
960   the  full system utilities program but specifically designed for those
961   nasty situations when you need a blank/formatted floppy or save a file
962   or  a  copy  a  file  to  from where it is to where it is not.  HIGHLY
963   RECOMMENDED!  Only $24.95 plus $1.00 S/H, order #6404.
964
965   FILEDUMP  allows you to send a formatted dump of ANY SOS file directly
966   to your printer.  Great for debugging or printing text  files  without
967   leaving  your  program  or  application.   Only $29.95 plus $1.00 S/H,
968   order #6427.
969
970   FILESCAN  is similar to the MSDOS and UNIX utilities named "More".  It
971   allows you to 'page' through a document, viewing 22 lines at  a  time.
972   It  is  designed  for ascii text files but will actually allow viewing
973   any type of file by displaying only the text parts.  Very nice if  you
974   are  in  the  middle  of your database or Access /// and a client calls
975   and you want to reference the letter you sent  him  last  week.   Only
976   $24.95 plus $1.00 S/H, order #6410.
977
978   FONTLOAD  allows  you  to  switch  system  display  fonts  with  a few
979   keystrokes.  Useful for swapping between different national fonts  for
980   letter  writing  or  denser  fonts  for a color monitor.  Supports any
981   standard Apple /// fontfile.  Only $24.95 plus $1.00 S/H, order #6414.
982
983   LOCKOUT  is  a  useful system security add-on which can complement the
984   data security features QuikCrpt.  The module simply  asks  you  for  a
985   password  and  then  'locks'  up  your computer until that password is
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987   Pair Software                                            Page 16
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later re-entered. Great for home-owners with young children. Lockout lets you leave your machine unattended without risk of someone else entering or altering data. Only $24.95 plus $1.00 S/H, order #6413.

MODULOAD allows you to design a very large Power Keys system which uses very little memory space. Standard Power Keys modules are loaded by the system at 'boot' time and are instantly available while running any program. With the currently available 17 modules this can require over 30K of memory space, which exceeds the Power Keys maximum. While you might certainly want to have QuikCalc or NotePad always just a keystroke away in your system you would probably not need such immediate access to a less frequently used module such as LockOut. MODULOAD allows you to define a set of 'dynamically loaded' modules, which are loaded from a separate disk sub-directory at your command, into a jointly shared piece of memory. HIGHLY RECOMMENDED! Only $29.95 plus $1.00 S/H, order #6416.

NOTEPAD allows you to maintain an instantly available 'scratchpad' of reminders, calendar or whatever you wish and to save such scratchpads as small files which can later be loaded, viewed and altered. A notepad consists of a full screen, 1900+ characters which you may edit, update, save or switch as you see fit. Only $34.95 plus $1.00 S/H, order #6402.

PRINTMGR allows you to send complex 'setup codes' directly to your printer without the need to exit your program and/or imbed special codes in the actual output. This is particularly useful if you need to switch your printer to, for example, ultra-condensed 8 lpi mode for one document and letter quality for another without altering the document contents. Only $24.95 plus $1.00 S/H, order #6403.

QUIKCALC is a full-function calculator with functions for Memory Store/Recall, sine, cosine, tangent, degrees-radians, percent, natural and base10 logs, exp and power, along with the basic 4 functions. Unique features include an Undo/Backup key, 19 decimal digits of precision, huge numeric range for 'scientific notation', FastAdd using <RETURN> key and automatic loading of results into a 'power key' for later use in your application! Only $34.95 plus $1.00 S/H, order #6409.

QUIKCAT allows you to Catalog the directory of files on any disk or subdirectory at any time. It displays the file name, size in blocks, and type, highlighting subdirectory files. Very nice for locating lost files or 'cataloging' your disks within programs without a catalog feature. HIGHLY RECOMMENDED! Only $24.95 plus $1.00 S/H, order #6407.

QUIKCRPT is a file encryption or encoding module. If datafile security is a concern at your installation this is a very effective solution. Files are encoded based on a 1-8 digit password and can only be decoded using the same password. Only $24.95 plus $1.00 S/H, order #6412.

QUIKDIAL allows modem owners to directly dial a telephone number from the keyboard or from a phone number being displayed on the screen by your program. Its flexible linkage with Power Keys macros allows use with virtually any modem. Excellent for salespersons! Only $29.95 plus $1.00 S/H, order #6405.

Pair Software   Page 17

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1053
1054    QUIKMON  is definitely not for the faint of heart.  This module allows
1055    the technical user to enter the Apple /// System Monitor while running
1056    another  program,  to  use monitor commands to view and possibly alter
1057    memory and or diskette contents, then to return to the  main  program.
1058    Naturally  this  lowest  of  'low-level' machine access brings with it
1059    innumerable ways of disrupting your system but it can be  tremendously
1060    useful  for  program  and  device  driver  development projects.  Only
1061    $29.95 plus $1.00 S/H, order #6415.
1062
1063    QUIKSCRN allows you to Print a copy of any text screen being displayed
1064    by your program or to send such a  copy  to  a  disk  file  for  later
1065    viewing and/or editing.  Multiple screens may be 'stacked' in a single
1066    file and you may also print screens displayed by some other Power Keys
1067    modules such as NotePad.  Use it to print driver lists while you're in
1068    system utilities, or for a short 'no report' printout of part of  your
1069    spreadsheet.  Only $34.95 plus $1.00 S/H, order #6408.
1070
1071    SHOWTIME  displays  the  system  date & time at the touch of a key for
1072    systems with a clock chip installed.  Press another key and  its  gone
1073    and you're back to your original program.  Only $24.95 plus $1.00 S/H,
1074    order #6401.
1075
1076    TYPERITE  'connects'  your keyboard directly to your printer.  Useful,
1077    for instance, if you want to quickly address an envelope while running
1078    your  spreadsheet.   Typing is entered a line at a time and each line
1079    may be edited before being sent to the printer.  Great  for  'quickie'
1080    notes and envelopes.  Only $24.95 plus $1.00 S/H, order #6411.
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1113    Pair Software                                      Page 18
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1117    DATA BASES
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1119    A data base is like a computer based 'file cabinet' to organize your
1120    valuable data.  They come in many style and designs, from complete in
1121    memory  systems,  which  are the fastest but also very limited in size
1122    and features, to full blown relational systems that address  a  number
1123    of files and hundreds of fields at once.  The organizational abilities
1124    of a data base are a must to any office system.
1125
1126    DATA  BASE  ///  is the famous data base for the Apple ///!  DATA BASE
1127    /// is the easy to use data base.  Totally user definable.  Automatic
1128    data  syntax  checking.   Pre-formatted entry fields.  Includes a full
1129    Report  Generator  that  supports  custom  layouts,  calculations  and
1130    statistical  summaries.   Up to 8 key indexes that may be themselves 8
1131    key indexes deep (i.e., State or State + Zip Code  or  Issue  Date  +
1132    State  +  Zip  Code  would  all  be legitimate key indexes), up to 200
1133    fields per record and up to 9 screens per record.  ANYONE CAN USE  IT.
1134    256K  minimum,  two disk drives or hard disk recommended.  Only $99.95
1135    plus $4.00 S/H, order #6301.
1136
1137    FILE  CABINET  ///  is  the  easy to use data base written in Business
1138    Basic.  Source code is included.  While not  as  powerful  as  ///  EZ
1139    Pieces  or  Data  Base  ///,  it is an excellent 'example' program for
1140    developing your own data base software.  Requires Business Basic, 128K
1141    or greater machine.  Only $24.95 plus $2.00 S/H, order #5105.
1142
1143    FREEFORM  is a data base written in Pascal that allows the development
1144    and storage of records as 'freeform' screens.  This package is  NOT  a
1145    complete system.  What is provided is a skeleton system and the Pascal
1146    source text- you  develop  your  own  system  from  it.   For  Pascal
1147    programmers.   Requires PASCAL.  128K minimum (256K recommended), two
1148    disk drives or hard disk recommended.  Only $24.95  plus  $1.00  S/H,
1149    order #5901.
1150
1151                SPECIAL ON APPLE /// OMNIS 3 WHILE SUPPLIES LAST
1152                      ONLY $99.95 PLUS $5.00 S/H!!
1153                                    |
1154                                    V
1155
1156    The OMNIS DATA BASE systems are the most powerful and easy to use data
1157    base systems available for any computer.  With easy to  use,  step  by
1158    step  instructions you can design ANY type of data base system to suit
1159    ANY office environment.  Tired of maintaining a  dozen  separate  data
1160    bases  for  your  work?  OMNIS is completely relational, with up to 60
1161    files (12 files for the Apple ///) per data base system,  up  to  2560
1162    megabytes  (40  megabytes  for  the  Apple  ///)  per system, up to 12
1163    indexes per file!!  Create your own  accounting,  invoicing,  billing,
1164    inventory,  statistical information, letter generation,, etc., systems
1165    fast and easy.  OMNIS is the only data base system we use!   Available
1166    in  single  user  and  multi-user versions (up to 64 users!!).  If you
1167    thought you couldn't create a computer system to meet  the  needs  of
1168    your  office,  WORRY NO MORE!  Why suffer any more with other people's
1169    ideas of what you need?  Available are OMNIS 3 (Apple  ///):   $395.00
1170    (order  #6312).  OMNIS 3+ EXPRESS (Macintosh): $575.00 (order #6313);
1171    and OMNIS QUARTZ (IBM and compatibles, runs under MicroSoft  Windows):
1172    $695.00  (order  #6314).   Plus  tax (California only) and $10.00 S/H
1173    (call for prices on multi-user versions).  Pair  Software  is  also  a
1174    certified  OMNIS  VAR.   We  can  also  develop  any  system  to your
1175
1176    Pair Software                                           Page 19
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1178
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1180        specifications.
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1182        The  OMNIS  ///  OFFICE SYSTEM.  This is a copy of the very same office
1183        data base setup that we  use  for  our  own  OMNIS  3  office  system.
1184        Includes  complete  customer  maintenence,  invoicing  with  automatic
1185        invoice number assignment (take a look at one of the invoices you have
1186        received  from  us),  transaction  codes, reports including income and
1187        expense summaries, mailing label formats, etc., for  your  own  office
1188        system  under  OMNIS  3.  100% customer modifiable and multi-user.  If
1189        you love the power of the multi-relational OMNIS 3  data  base  system
1190        but  have  been put off by the sheer amount of work to set up your own
1191        system, the OMNIS /// OFFICE SYSTEM is the  way  to  get  your  system
1192        going.   Best of all, it's YOUR system to do your way!  Requires Apple
1193        /// OMNIS 3 setup up on a hard disk, 256K memory, Backup ///  to  load
1194        system.  Includes manual.  Only $69.95 plus $3.00 S/H, order #5716.
1195
1196        PFS  FILE  TEMPLATES #1 - An assortment of PFS Data Base files for use
1197        with the PFS system.  Only $24.95 plus $1.00 S/H, order #5420.
1198
1199        SWAN'S  DATA  BASE  UPGRADE  - Wanted to you the powerful Programs for
1200        Data Base Management (PDBM) system by Tom  Swan,  but  been  concerned
1201        about  converting  these  Apple  ][ based files for use with the Apple
1202        ///? This upgrade contains all of the files you need  to  do  the  job
1203        right!    Need  to develop you own data base?  This may be the ticket!
1204        TO RECEIVE THIS UPGRADE YOU MUST SUBMIT  ONE  OF  YOUR  ORIGINAL  PDBM
1205        DISKETTES  TO  PROVIDE YOU ARE THE OWNER OF A LEGAL COPY OF THE SYSTEM
1206        (available at most national book store chains and software retailers).
1207        Two  diskettes.     Requires Apple /// Pascal, 128K or greater machine,
1208        two disk drives or hard disk recommended.  Only $29.95 plus $2.00 S/H,
1209        order #5919.
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1239        Pair Software                                              Page 20
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1243        SYSTEM DRIVERS
1244
1245        The  DISCOURSE  SPOOLER upgrade is a software spooler designed for use
1246        the high capacity diskette drives. PRINTER output from  your  ///  is
1247        first  written  to  your disk (a fairly fast operation) rather than to
1248        the much slower printer.  Once  all  output  has  been  put  on  disk,
1249        computer control is returned to the user or program.  Up to 14 reports
1250        for printing can be stored!  A powerful  addition  to  any  Apple  ///
1251        system  at  a fraction of the cost of a printer buffer.  Requires 256K
1252        machine, one disk drive, hard drive recommend.  Highly recommended for
1253        CATALYST or SELECTOR ///.  Only $24.95 plus $2.ØØ, order #61Ø5.
1254
1255        The  FONTS diskette contains more than 5Ø new fonts files for use with
1256        the Apple ///.  Need a foreign language font?   Most  major  languages
1257        are  represented.     Need special fonts?  Extra bold and bright?  This
1258        diskette has them.  Only $24.95 plus $1.ØØ S/H, order #61Ø4.
1259
1260        RAM  +  /// contains enhanced RAMDISK drivers for the Titan ///+][ and
1261        ///+//e cards.  With RAM + /// your /RAM volume may be set to 128K (no
1262        ///  memory  used)  or  14ØK  (12K of /// memory used).  The 14ØK /RAM
1263        volume is block for  block  compatible  with  the  standard  Disk  ///
1264        drives. Only $29.95 plus $1.ØØ S/H, #61Ø3.
1265
1266        RAT  //e  MOUSE  DRIVER is a SOS.DRIVER for the Apple //e mouse.  Full
1267        documentation on disk and source text is included.  Allows you to  add
1268        the  MOUSE  to  your  /// programs via driver calls.  Only $24.95 plus
1269        $1.ØØ S/H, order #61ØØ.
1270
1271        The  SOS  DRIVERS  UPGRADE contains all the latest versions of Apple's
1272        SOS.DRIVER files and many hard to find drivers like the Silentype  and
1273        Apple Plotter drivers.  Also contains an assortment of the latest FONT
1274        files, including foreign language FONTS, and an assortment of KEYBOARD
1275        layouts.    HIGHLY  RECOMMENDED.    Note:  Do not replace any standard
1276        drivers that come with the CATALYST system, but  replace  all  others.
1277        Only $24.95 plus $1.ØØ S/H, order #61Ø1.
1278
1279        UNI-DRIVER  ///  is a new SOS.DRIVER that will allow your Apple /// to
1280        use up to 4 Apple //e Unidisk 3.5" diskette drives, each with up to  5
1281        times  the  capacity of a 14ØK Disk /// drive (4ØØK or 8ØØK).  Unidisk
1282        diskettes are also Apple //gs compatible!  All you need to do  is  buy
1283        the //e Unidisk from your local Apple dealer.   The best Unidisk driver
1284        on the market, it easily works at 12ØØ baud under Access ///.  You can
1285        even  eject  diskettes on command from your program.  Only $29.95 plus
1286        $1.ØØ S/H, order #61Ø2.
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1302        Pair Software                                    Page 21
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1306    SPREADSHEETS AND FINANCE
1307
1308    ADVANCED  VISICALC  DV - This  is  a special upgrade of the Advanced
1309    Visicalc system for Apple /// owners using  a  diskette based  system
1310    (hard  disk owners see below).  THIS VERSION IS 100% COPYABLE AND 100%
1311    UNPROTECTED.  Worry no more about the time  your  Loader diskette  is
1312    gone  forever!    Documentation on disk.  A must for Advanced Visicalc
1313    users.  You  must  submit  one  of  your  original  Advanced  Visicalc
1314    diskettes  to  receive  the  upgrade.  Only $29.95 plus $1.00 S/H, order
1315    #5508.
1316
1317    ADVANCED VISICALC HDV - This is a special upgrade of Advanced Visicalc
1318    for hard disk users.  Perfect for CATALYST owners, it is copyable  and
1319    eliminates  the  need  for having the diskette in your internal drive.
1320    Works  with  any  Apple  ///  hard disk system,  any  volume   name.
1321    Documentation  on disk.  256K minimum, one diskette drive.  A must for
1322    Advanced Visicalc  users.   You  must  submit  one  of  your  original
1323    Advanced  Visicalc diskettes to receive the upgrade.  Only $24.95 plus
1324    $1.00 S/H, order #5502.
1325
1326    CHECKBOOK /// Ver.  5.0 - HERE AT LAST!!  THE NEW VERSION OF CHECKBOOK
1327    ///!!  NOW WITH /// E-Z PIECES LIKE INTERFACE, SUPPORTS ALL  PRINTERS,
1328    FASTER,  ALL  BUGS FIXED!!  THE checkbook ledger program for the Apple
1329    ///, CHECKBOOK ///  offers  a  convenient  system  for  detailing  the
1330    dollars  you  spend.   CHECKBOOK  ///  provides  the  capability  for
1331    maintaining up to 10 checkbooks, up to 100 accounting codes, an  up  to
1332    3000 entries per account.  CHECKBOOK /// also provides the ability for
1333    detailing expenses (taxes, payments, etc.),  generate  report  formats
1334    for  budget  comparisons or payable posting on a monthly, quarterly or
1335    annual basis.  Requires 256K.  Regular $79.95, on sale for $69.95 plus
1336    $2.00  S/H,  order #6300.  Version 4.0 users can upgrade their systems
1337    for only $29.95, order #6316 (system is operationally the same).   IBM
1338    version late January, and more upgrades coming.
1339
1340    GAIN  ON  SALE  is  a  powerful new program for those Apple /// owners
1341    involved  in  loan  processing.   Handles  single  or  mulitible  loan
1342    packages.  Calculates loan figures, loan package values, coupon rates,
1343    loan fees, etc.  Prints complete amortization reports,  loan  figures,
1344    etc.    Originally written by one of the 'Big Eight' accounting firms.
1345    Very fast, compiled Business Basic.  Requires  Business  Basic  1.23,
1346    256K  machine,  one diskette drive.  Only $34.95 plus $1.00 S/H, order
1347    #5507.
1348
1349    RESTAURATEUR'S  COURSE  PARTS  ONE  AND  TWO  - This is an easy to use
1350    training  course  for  Restaurant  financial  operations.    Requires
1351    VISICALC  or  ///  EZ Pieces.  Only $29.95 plus $1.00 S/H, order #5503
1352    (two disks).
1353
1354    SCORE MASTER - For /// EZ Pieces and Appleworks users, SCORE MASTER is
1355    a powerful yet easy to us set of score keeping  templates  for  league
1356    bowlers,  from  the  small  to  the large team.  Keep scores, averages
1357    accurately.   Documentation  on  disk.   Includes  two  double  sided
1358    diskettes.  Only $34.95 plus $2.00 S/H, order #6311.
1359
1360    ///  EZ PIECES TEMPLATES #1, #2 & #3 - Three new template sets for ///
1361    EZ Pieces (Appleworks) owners.  #1 (order #5504) contains  a  pack  of
1362    home  accounting  templates.  #2 (order #5505) has business accounting
1363    templates.  #3 (order #5506) has a large and  complex  ledger  system.
1364
1365    Pair Software                                            Page 22
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1369          Each disk is  almost  full of goodies.  Your choice only $24.95 plus
1370          $1.ØØ S/H each.
1371
1372          VISICALC  TEMPLATES  DISK  #1 is an assortment of VISICALC spreadsheet
1373          files for financial calculations.   Included  are  templates  for  net
1374          worth,  stock  analysis, budget, bank reconciliation, check master and
1375          more.  Great way to avoid reinventing the wheel.  Can be  loaded  into
1376          ///  EZ Pieces.  128K minimum, one disk drive.  Only $24.95 plus $1.ØØ
1377          S/H, order #55ØØ.
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1428          Pair Software                                        Page 23
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1432        OPERATING SYSTEMS AND LANGUAGES
1433
1434        One  of  the more powerful features of the Apple /// is its ability to
1435        use a variety of very useful  high  level  languages  and  interpreter
1436        systems.   For  many  years  the  Apple ///'s Basic, Pascal and Cobol
1437        languages were the standards by which others were judged.
1438
1439        BUSINESS  BASIC  1.23  is the latest version of Business Basic for the
1440        Apple ///.  It corrects many of the bugs resident in versions 1.1  and
1441        1.2, including the tendencies to the infamous VARIABLE ERROR (#21) and
1442        STACK OVERFLOWS (error #12) that caused so many  of  our  programs  to
1443        crash.  BUSINESS BASIC 1.23 programs may be larger than 64K, literally
1444        to the limits of computer memory.  THIS UPGRADE IS HIGHLY RECOMMENDED.
1445        You  MUST submit your original Business Basic diskette to receive this
1446        upgrade.  128K minimum (256K recommended),  one  disk  drive.   Only
1447        $24.95 plus $1.00 S/H, order #5800.
1448
1449        CATALYST  RUNTIME  DISK.   Are  you  dreading  the  day your CATALYST
1450        diskettes give up the ghost?  Do you have visions of your system being
1451        down while you scramble to find a replacement diskette?  This CATALYST
1452        upgrade allows you to operate (but not install) your CATALYST  system.
1453        THE RUNTIME DISK IS 100% COPYABLE!!  Install your CATALYST system, run
1454        it with the RUNTIME DISK and save your valuable CATALYST diskettes  in
1455        a  safe.   WILL  NOT  RUN  PFS  OR KEYSTROKE PROGRAMS INSTALLED UNDER
1456        CATALYST.  256K minimum.  THIS UPGRADE IS  HIGHLY  RECOMMENDED.   Only
1457        $29.95 plus $1.00 S/H, order #5806.
1458
1459        CONSOLE  and BOOT SOURCE TEXT contains documented disassemblies of the
1460        .CONSOLE driver and  the  SOS  boot  source  code.   For  programmers.
1461        Requires Pascal Editor.  Only $24.95 plus $1.00 S/H, order #5801.
1462
1463        FORTRAN-77  complies  with  the  1977 FORTRAN standard and conforms to
1464        IEEE numerics.  Runs as an application program with Apple /// PASCAL,
1465        1.1 or better.  A compiler only, you must develop your programs under
1466        your PASCAL system editor.  Resulting FORTRAN can be  used  in  PASCAL
1467        libraries.   Includes  diskette and a large manual.  Requires PASCAL.
1468        128K minimum (256K recommended if used with PASCAL 1.1 or above),  two
1469        drives recommended.  Only $49.95 plus $3.00 S/H, order #5802.
1470
1471   ·    GO  FORTH  is  the Forth language system for the Apple // or Apple ///
1472        systems.  All ProDOS or SOS system  calls  are  available.   Built  in
1473        screen editor.   FIG  and 1979 standard that can be extended to 1983
1474        standard.  All  Apple  ///  hardware  available.   CREATES  SOS.INTERP
1475        files! Your code runs almost as fast as assembler!  Special extensions
1476        for easier programming.  Apple ][+ (ProDos 64K) //e, //c  and  //gs
1477        versions  will  soon  be  available,  and  code  will  be cross system
1478        compatible.  256K minimum, one disk drive.  Only  $69.95  plus  $2.00
1479        S/H,  order #5807 (Apple // or Apple /// bootable).  A companion Forth
1480        training manual, 'STARTING FORTH', by Leo  Brodie,  is  available  for
1481        only $24.95 plus $2.00 S/H (recommended).
1482
1483        Go FORTH Toolkit #1 - ProDOS and SOS Utilities.  This toolkit contains
1484        an assortment of WORDs that make Go FORTH almost as  easy  to  use  as
1485        Applesoft  Basic  (very similar commands).  Also included are WORDs to
1486        directly execute Go FORTH file interpreters (like CHAIN in Applesoft),
1487        CATalog  disks,  INCLUDE  code  from  library files,  disk  and  file
1488        utilities, etc.  Only $49.95 plus $2.00 S/H, order #5809.  A must  for
1489        the budding Go FORTH programmer!
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1491        Pair Software                                    Page 24
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Go FORTH Toolkit #2 - Memory and String Variable Management (Apple //
only). This toolkit contains an assortment of Applesoft-like WORDs
for super memory management, dictionary extension, string variables,
arrays and extended memory variables. Only $44.95 plus $2.ØØ S/H,
order #5812.

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MODULA-2 by Volition Systems. We lucked out and found a source for a
number of Volition Systems MODULA-2 packages for the Apple ///.
MODULA-2 was created by the author of PASCAL, Niklaus Wirth, as the
logical successor to PASCAL. A very powerful language with extensions
far beyond the power of PASCAL. MODULA-2's interface and conversion
code program allows you to use PASCAL units in MODULA-2 libraries. We
have added a number of upgrades and bug fixes to the original system,
and now provide a full system with Pascal 1.1 filer, editor,
assembler, etc. If you wanted to learn this popular language WITHOUT
buying a whole new machine, this is the source! Only $79.95 plus
$5.ØØ S/H, order #5815.

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MODULA-2 HARD DISK UPGRADE allows you to place your complete MODULA-2
system in a sub-directory on your hard disk. A must those wanting to
use complete Pascal and MODULA-2 systems on the same hard disk. You
must submit one of your MODULA-2 diskettes to receive this upgrade.
Only $29.95 plus $1.ØØ S/H, order #5816.

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PASCAL 1.2 is the latest version of the Apple /// PASCAL system.
Recommended as a system upgrade, this system does add more features
but takes up more computer memory. Includes PMOVE program to install
on your hard disk, use PASCAL 1.2 DIRECTORY PATCH (below) to install
under a sub-directory. Will run all programs compiled under earlier
versions of Apple /// PASCAL, but do NOT run the Apple /// BPI system
under PASCAL 1.2 (the program is too big). YOU MUST SUBMIT ONE OF
YOUR ORIGINAL PASCAL DISKETTES TO RECEIVE THIS UPGRADE. 256K minimum
(512K recommended), two disk drives or hard disk (recommended)
required. THIS UPGRADE IS HIGHLY RECOMMENDED FOR PASCAL PROGRAMMERS.
Only $29.95 plus $2.ØØ S/H, order #58Ø3. PASCAL 1.2 was meant as an
upgrade to PASCAL 1.1 (fixes several bugs, adds file location features
like those in System Utilities), if you are upgrading from the PASCAL
1.Ø system we suggest you purchase the PASCAL 1.1 UPGRADE and
SANE/ELEM manuals (see manual section) to complete your upgrade.

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PASCAL 1.2 DIRECTORY PATCH (Version 2.Ø) allows you to install your
PASCAL 1.2 system under a sub-directory and free your hard disk root
directory space. This even allows you to set up several different
PASCAL systems- one for your accounting program, one for your graphics
programs, etc. Saves a lot of hassles! Requires PASCAL 1.2 for
operation, and you must first install your PASCAL 1.2 system with
PMOVE. NOW SUPPORTS THE PASCAL 2.Ø COMPILER!! 256K minimum and hard
disk. Only $19.95 plus $1.ØØ S/H, order #58Ø4. PASCAL 2.Ø COMPILER
is the latest version of the PASCAL compiler. Can be run as a
standalone program. Adds a pack of features to your system, including
more standard PASCAL commands like CYCLE and LEAVE. Includes manual.
Requires PASCAL 1.2 to operate. 256K minimum (512K recommended), two
drive drives or hard disk recommended. Only $29.95 plus $2.ØØ S/H,
order #58Ø5.

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Pair Software

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1558          MANUALS AND TEACHING SYSTEMS
1559
1560          APPLE  PASCAL  - A HANDS ON APPROACH:  While intended for the Apple ][
1561          Pascal system, this fine book by Arthur Luehrmann and Herbert  Peckham
1562          is  an excellent tutorial for the Apple /// owner familiar with his or
1563          her machine and desiring to learn the PASCAL language.  All  you  have
1564          to  do  is  remember  the  differences  in system drive configurations
1565          (easy), to use the TURTLEGRAPHICS  unit  in  the  PASCAL  library  for
1566          graphics  (easier)  and remember you have an 8Ø column instead of a 4Ø
1567          column screen.  Highly recommended for learning PASCAL.   Only  $24.95
1568          plus $2.ØØ S/H, order #57Ø9.
1569
1570          HOW  TO  USE YOUR APPLE /// IN TEN EASY LESSONS is a video tutorial on
1571          how to set up and use your Apple ///.  It  is  part  of  our  standard
1572          training  system  used  at our office.  It gives hands on and detailed
1573          views of the Apple /// system.  Specify VHS or BETA.  Only $79.95 plus
1574          $2.ØØ S/H, order #57Ø2
1575
1576          The  NEW  TESTAMENT,  King James Version, on diskette!  Four two sided
1577          standard Apple /// diskettes (8 diskettes total!) contain  the  entire
1578          New  Testament  of  the Holy Bible.  Individual chapters are stored as
1579          separate files.  Files are stored in standard ASCI  text  format,  and
1580          can  be  accessed  by  any  Apple  ///  program or word processor with
1581          sufficient memory (Apple Writer ///, Version 4.1, on a  512K  machine,
1582          can  load  and  save  any  of the files).  Only $34.95 plus $3.ØØ S/H,
1583          order #5712.
1584
1585          The  Apple  ///  NEW  USERS  PACKAGE is for owners who have lost their
1586          original Apple /// manuals and system diskettes.   Included  are  the
1587          OWNER'S  GUIDE,  the  STANDARD DEVICE DRIVERS manual, SYSTEM UTILITIES
1588          1.2, the CONFIDENCE DISK and the SYSTEM DEMOSTRATION  diskette.   Only
1589          $49.95 plus $5.ØØ S/H, order #57Ø3.
1590
1591          Gathered  from  a  variety of sources, including our own personal use,
1592          OMNIS 3 TECHNOTES is a diskette jammed full with technical  notes  and
1593          recommendations  for  using  the powerful OMNIS 3 data base system.  A
1594          must if you are an active user of OMNIS 3!  Information files  can  be
1595          read  by  any  Apple  ///  word  processing  program  or by the System
1596          Utilities program (Copy <filename>  to  <printername>).   Only  $24.95
1597          plus $1.ØØ S/H, order number 5711.
1598
1599          The OSBORNE/MCGRAW-HILL GUIDE TO YOUR APPLE ///.  NOW AVAILABLE.  This
1600          fine book by Stan Miastkowski is THE standard textbook for owning  and
1601          using  the APPLE ///.  Written by a /// user for /// users, this guide
1602          teaches you how to use the Apple /// in step by  step  chapters,  from
1603          the  philosophy  of  the  ///'s  design  thru the System Configuration
1604          program to a complete tutorial for Business Basic!   This  book  is  a
1605          MUST for the /// owner.  Only $24.95 plus 2.ØØ S/H, order #57Ø8.
1606
1607          The  PASCAL SANE/ELEM MANUAL is for PASCAL 1.1 and 1.2 owners or those
1608          upgrading from PASCAL 1.Ø.  Describes usage of high precision SANE and
1609          ELEM library units.  Only $19.95 plus $1.ØØ S/H, order #57Ø4.
1610
1611          The  PASCAL  1.1  UPGRADE MANUAL is for PASCAL 1.Ø owners upgrading to
1612          the PASCAL 1.1 or PASCAL 1.2 systems.  Describes extensions  to  Apple
1613          /// PASCAL system.  Only $19.95 plus $1.ØØ S/H, order #57Ø5.
1614
1615          STARTING  FORTH  by Leo Brodie is THE premiere FORTH language training
1616
1617             Pair Software                                         Page 26
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1621        text, and an excellent companion volume  for  our  Go  FORTH  language
1622        system.  Only $24.95 plus $2.00, order #5706.
1623
1624        The Apple /// SERVICE MANUAL is the complete dealer service manual for
1625        the  Apple  ///.  Includes  schematics,  parts  list,  notes  and
1626        suggestions, memory and motherboard layouts.  Also includes the Dealer
1627        Diagnostics Disk for adjusting your diskette drive speeds  (Disk  ///
1628        only),  checking  keyboards, graphics and I/O units, etc.  Only $79.95
1629        plus 5.00 S/H.  Dealer Diagnostics disk available  separately,  $24.95
1630        plus 1.00 S/H, order #5405.
1631
1632        The  SOS  DEVICE  WRITER'S  MANUAL is a technical manual for Apple ///
1633        developers interested in creating or modifying SOS DRIVER files.  Full
1634        of  important  information,  suggestions  and  examples.  139+ pages.
1635        Limited supply.  You will need Apple /// PASCAL to create  SOS  DRIVER
1636        files.  Only $29.95 plus $3.00, order #5713.
1637
1638        THE  ///  MAGAZINE, 1985.  The complete set of the 1985 issues of THE
1639        /// NEWSLETTER, our former weekly for the Apple  ///,  and  the  first
1640        September-December  issues  of  THE  ///  MAGAZINE.  Full  of useful
1641        information, tips, products, etc.  Only $49.95 plus $1.00  S/H,  order
1642        #5701.
1643
1644        THE  ///  MAGAZINE, 1986.  The complete set of the 1986 issues of THE
1645        /// MAGAZINE and the last two issues of 1987.  Includes  series  like
1646        THE RIGHT TO ASSEMBLE, the CoBOL TUTORIAL, and much more.  Only $49.95
1647        plus $1.00 S/H, order #5707.
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1680        Pair Software                                      Page 27
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PASCAL UTILITIES

These are some handy Pascal utilities for the computer illiterate, the budding beginner and the advanced programmer. Apple /// Pascal is a very powerful system that is highly compatible with the Pascals found on other computer systems.

The APPLE /// RPS system is a set of Pascal units for designing your own Pascal based data base system. Many powerful data base systems like the BPI Accounting systems used RPS (Rapid Processing System) for fast data access. Similiar in design to Apple // RPS. If you need to create or re-create a major data base system for your Apple /// system. Includes 195 page manual. Limited supply. Only $44.95 plus $3.ØØ S/H, order #5924.

ARTWORKS is a graphics drawing program written in Apple /// Pascal. With Artworks you can load and save FOTO files, create and modify graphic drawings, etc. While very simple in design, it is very easy to use. Includes source text. Requires 256K or greater, one disk drive. Only $24.95 plus $1.ØØ S/H, order #5921.

DISKCOPY UTILITY, THE is a set of PASCAL utilities for disk and file copying and disk formatting. Supplied source text allows you to add these useful utilities to your programs. Only $24.95 plus $2.ØØ S/H, order #5917.

FONT MAKER /// is a super FONT design program and the easiest to use program of its type we have ever seen. If you need to design custom fonts for your program, or edit fonts to your needs, this is a program you should have. Source text included. 256K minimum, two disk drives or hard disk recommended. Only $24.95 plus $1.ØØ S/H, order #59ØØ.

GENERAL I/O UNIT, THE by John E. Cisar is the famous PASCAL routine for 'bullet-proof' keyboard input and output (reviewed in the December 1986 issue of THE /// MAGAZINE). Why re-invent the wheel? Use it in your PASCAL programs for FULL control over your input, including type, style and mode of input. Includes example program, manual on disk, full source text. Source is transportable to many machines, including Apple //e and IBM. Only $29.95 plus $1.ØØ S/H, order #5916. Apple //e and IBM versions available soon.

GRAFDRAW is a simple graphics drawing program for the ///. A good way to learn about graphics drawing before investing in a more expensive drawing program. Requires Pascal 1.1 or greater. 256K minimum, two disk drives or hard disk recommended. Only $24.95 plus $1.ØØ S/H, order #59Ø2.

LABEL MAKER /// is an easy to use program for the creation of labels on your computer. You can control the width and length of your labels, store formats, etc. Use to make address labels, fancy diskette labels, etc. Very simple in design and functions, but also very simple to use. Source text included, no manual. 256K minimum, two disk drives or hard disk recommended. Only $24.95 plus $1.ØØ S/H, order #59Ø3.

The P-CODE DISASSEMBLER is a program that disassembles Pascal code files into their related operation codes, NOT the source text. Useful for programmers for debugging or investigation purposes. Requires

Pair Software   Page 28

1745
1746
1747 PASCAL. 256K minimum, one disk drive. Only $24.95 plus $1.ØØ S/H,
1748 order #59Ø4
1749
1750 PASCAL EXERCISE with PGRAF - A documented exercise in using PASCAL
1751 with the PGRAF graphics unit. An excellent addition to the beginning
1752 PASCAL programmer's library.   All source text included. Requires
1753 Apple /// Pascal, 128K or greater. Only $24.95 plus $1.ØØ S/H, order
1754 #592Ø.
1755
1756 The PASCAL MENU PROGRAM will run all of your Pascal programs from a
1757 single menu. If you do not use CATALYST or SELECTOR /// and work
1758 exclusively in Apple /// Pascal, this is a nice program to have. 256K
1759 minimum, two disk drives or hard disk (recommended) required. $24.95
1760 plus $1.ØØ, order #59Ø5.
1761
1762 PASCAL MODULES #1 is an assortment of PASCAL utilities to help you
1763 stop re-inventing the wheel! All source text is included- add to your
1764 own programs! Included in this package are routines and utilities for
1765 screens, windows, font capture and calling the //e mouse from Pascal.
1766 Documentation on disk. Only $24.95 plus $1.ØØ S/H, order #59Ø6.
1767
1768 PASCAL MODULES #2 contains a variety of PASCAL utilities. Included
1769 are routines to for Base1Ø to HEX and HEX to Base1Ø conversion, blank
1770 stripping from strings, IOERROR naming, transliteration of specified
1771 characters in a string, upper case shifting of characters and strings,
1772 and more. Source included. Documentation on disk. Only $24.95 plus
1773 $1.ØØ S/H, order #59Ø7.
1774
1775 PASCAL MODULES #3 is for advanced Pascal programmers. It contains an
1776 assortment of advanced routines including fast screen display, help
1777 screens, diagnostic switches, screen and printer control and SOS
1778 calls. Source included. Documentation on disk.   Only $24.95 plus
1779 $1.ØØ S/H, order #59Ø8.
1780
1781 PASCAL MODULES #4 is an assortment of PASCAL utilities and input
1782 routines. Included are text input routines, long integer conversion,
1783 SOS time and date, unitstatus calls and more. Source included.
1784 Documentation on disk. Only $24.95 plus $1.ØØ S/H, order #59Ø9.
1785
1786 PASCAL PRONTO DEBUGGER contains a set of new PASCAL 1.2 SOS.INTERP and
1787 SYSTEM.PASCAL files that add a full debugger to your PASCAL 1.2
1788 system. Set program breaks, trace code, find bugs. If you are a
1789 Pascal developer this system is a must! Do NOT use this system as
1790 your basic PASCAL 1.2 system unless you have a 512K minimum machine-
1791 it takes alot of memory. Does NOT work with the PASCAL 1.2 directory
1792 patch- you will have to edit the SOS.INTERP and SYSTEM.PASCAL files
1793 for installation under a Pascal sub-directory. Manual included. 256K
1794 minimum (512K recommended, two disk drives or hard disk (recommended)
1795 required. Only $49.95 plus $3.ØØ S/H, order #5914.
1796
1797 PASCAL TOOLKIT is the PASCAL developers package from Apple Computer.
1798 Designed for the powerful PASCAL 1.2 system and PASCAL 2.Ø compiler
1799 (order above), this four disk system comes with a pack of useful
1800 utilities and programs (see Pascal Utilities #1, below), many
1801 including source code. Among the utilities are the DIRSTUFF unit (for
1802 cataloging and finding files), variable reference, paging and memory
1803 routines and more.   Includes manual.   Requires PASCAL 1.2. 256K
1804 minimum, two disk drives or hard disk (recommended) required.   Only
1805
1806   Pair Software   Page 29
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1810        $49.95 plus $3.00 S/H, order #5915.
1811
1812        PASCAL UTILITIES #1 has the best of the PASCAL program utilities from
1813        the PASCAL TOOLKIT system.  Included are KEYBOARD EDIT, the best
1814        utility we have ever seen for changing the layout of your keyboard.
1815        We used it to make a new layout for ACCESS ///- now the pressing of
1816        the \| key gives us a backspace key (left-arrow) that is not available
1817        in ACCESS ///!; FIND FILES, a utility to locate files on your hard
1818        disk.  Great when you are dealing with thousands of files; and SOS
1819        DIRECTORY SORTER, which allows you to sort your file directories in a
1820        variety of ways.  We use it to put our files in alphabetical order-
1821        makes finding files a lot easier.  The SOS DIRECTORY SORTER is a big
1822        program and may not work under some memory short CATALYST or SELECTOR
1823        /// systems.  Requires PASCAL 1.2.  256K minimum (512K recommended),
1824        one disk drive.  Only $24.95 plus $1.00 S/H, order #5911.
1825
1826        PASCAL UTILITIES #2 contains an assortment of useful utilities,
1827        including the FONT CAPTURE program for extracting FONT files from
1828        SOS.DRIVER files, and a set of program debugging tools.  Source text
1829        included.  For programmers, compiling required.  Requires PASCAL 1.1
1830        or greater.  $24.95 plus $1.00 S/H, order #5912.
1831
1832        PASCAL X REFERENCE is a program cross reference utility for PASCAL
1833        program files.  It searches your PASCAL source text file, prints a
1834        listing of the program and then references all of the data sources
1835        (variables, procedures and functions) in the program to their
1836        respective line numbers.  A real handy debugging and development tool,
1837        especially for very large PASCAL programs.  Source text included.
1838        256K minimum, one disk drive.  Only $24.95 plus $1.00 S/H, order
1839        #5910.
1840
1841        The PASCAL TECHNICAL REFERENCE system is the official Apple Computer
1842        guide to using Apple /// Pascal in depth.  Includes large 180 page
1843        manual that discusses Apple /// Pascal and its interface to the SOS
1844        operating system, and the SOS I/O diskette of Pascal and SOS system
1845        calls.  An absolute must for the beginning or advanced Apple ///
1846        Pascal user.  Requires Apple /// Pascal system, 128K minimum, one
1847        diskette drive.  Limited supply.  Only $39.95 plus $3.00 S/H, #5922.
1848
1849        The PASCAL UTILITY LIBRARY is the Apple /// Pascal answer to Appleseed
1850        for Business Basic.  This system includes a large 130 page manual and
1851        a diskette chalked full of useful Pascal library units and
1852        demonstration programs.  A must for beginning Pascal programmers, and
1853        many useful routines for the advanced.  Requires Apple /// Pascal
1854        system, 128K minimum, one diskette drive.  Limited supply.  Only
1855        $49.95 plus $3.00 S/H, #5923.
1856
1857        SIGN MAKER makes sideways banner posters on your 9.5" or 15" printer,
1858        dot matrix OR letter quality printer.  Phrases may be up to 78
1859        characters long.  Banners can be MUCH longer and wider than PRINT
1860        SHOP! 256K minimum, one disk drive.  IF YOU NEED BANNERS, THIS PROGRAM
1861        IS HIGHLY RECOMMENDED.  Only $24.95 plus $1.00 S/H, order #5913.
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1869        Pair Software                                        Page 30
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1873          PUBLIC DOMAIN PACKAGES
1874
1875          These diskettes are jam packed with a variety of neat little programs,
1876          routines and other Apple /// items.  If you like to fiddle  with  your
1877          ///,  these  diskettes  are the ticket.  All programs require Business
1878          Basic 1.23 and Pascal 1.1 or greater.
1879
1880          PUBLIC  DOMAIN PK.  #1 contains a pack of Business Basic game programs
1881          like Cannibal Island, Civil War,  Eliza  (the  Artifical  Intelligence
1882          program),  Trucker  and  Word  Puzzle and Maze, graphics progarms like
1883          Dazzle, music programs like Piano Plinker, and  much  more.   Requires
1884          Business Basic 1.23.  Only $24.95 plus $1.00 S/H, order #6000.
1885
1886          PUBLIC DOMAIN PK.  #2 contains another set of Business Basic programs,
1887          including the /// version of the famous STAR  TREK  program  (remember
1888          that  on  the  college computers?), the AUTOMENU program for running a
1889          variety of Business Basic programs from one menu, the MARQUEE  ROUTINE
1890          program,  the LOAN payment program, and more.  Requires Business Basic
1891          1.23.  Only $24.95 plus $1.00 S/H, order #6001.
1892
1893          PUBLIC  DOMAIN  PK.   #3 contains an assortment of Business Basic and
1894          assembler routines  such  as  CAPS.TEXT  for  case  upshifting  string
1895          characters,  PEEK/POKE  text  for  peeking  and  poking in memory, the
1896          HEX-DEC convertor program that converts  into  the  binary/decimal/hex
1897          numbers  formats, MATRIX solver, a plotter program, TIME modifications
1898          and more.  Some routines must be assembled with the PASCAL  assembler.
1899          Requires  Business  Basic  1.23.    Only  $24.95 plus $1.00 S/H, order
1900          #6002.
1901
1902          PUBLIC  DOMAIN  PK.   #4  contains  an  assortment  of  programs  and
1903          informational text  files,  including  information  on  CP/M  terminal
1904          setup,  the  SMART.PHONE  telephone  dialing  program, EXECutable text
1905          file, the MORTGAGE calculation, program (we use this one alot, give it
1906          the  data, it gives you the results), AUTO.DIAL, AREA calculation, and
1907          much more.  Requires Business Basic 1.23.  Only $24.95 plus $1.00 S/H,
1908          order #6003.
1909
1910          PUBLIC DOMAIN PK.  #5 includes the file CHANGER program, which changes
1911          file types.  Great for changing pascal data FONT files into font  type
1912          FONT files for loading with Business Basic's FONTLOAD, or changing ///
1913          EZ Pieces word processor file into ASCII files for  reading  by  Apple
1914          Speller,  then  back again; the SORT program and assembler module; the
1915          DUMP invokable; and much more.  Requires Business  Basic  1.23.   Only
1916          $24.95 plus $1.00 S/H, order #6004.
1917
1918          PUBLIC  DOMAIN  PK.   #6  contains  several Business Basic and Pascal
1919          programs, including the BENCHMARK program, the  GOMOKU  game  program,
1920          the  Pascal  MAC  unit,  the  Sketcher  program,  and  more.  Requires
1921          Business Basic 1.23 and Apple Pascal.  Some Pascal  programs  must  be
1922          compiled.  Only $24.95 plus $1.00 S/H, order #6005.
1923
1924          PUBLIC  DOMAIN  PK.   #7 includes THE BASIC MODEM program, a terminal
1925          program written in Business Basic (!!), the FILE SPLITTER program  for
1926          breaking up large text files, DOCument READER, CASE converter program,
1927          the WAR AND PEACE  game,  AUTO  INVOICING  and  much  more.   Requires
1928          Business Basic 1.23.  Only $24.95 plus $1.00 S/H, order #6006.
1929
1930          PUBLIC  DOMAIN  PK.   #8  is  our  special  graphics program diskette.
1931
1932           Pair Software                                           Page 31
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1936        Includes the WALLPAPER for the Mind program, Dazzle, Softgraph ///,
1937        PLOT ///, Super Dazzle, Graf.Pak2, Random Blocks and the fanastic
1938        MANDELBROT graph program.  Great teacher for graphics programs.
1939        Requires Business Basic 1.23 and PASCAL 1.2.  Only $24.95 plus $1.00
1940        S/H, order #6007.
1941
1942        PUBLIC DOMAIN PK.  #9 contains an assortment of Basic game programs
1943        and font utilities.  Requires Business Basic 1.23.  Only $24.95 plus
1944        $1.00 S/H, order #6008.
1945
1946        PUBLIC DOMAIN PK.  #10 contains an assortment of Basic game programs
1947        and file utilities.  Requires Business Basic 1.23.  Only $24.95 plus
1948        $1.00 S/H, order #6009.
1949
1950        PUBLIC DOMAIN PK.  #11 contains the MONITOR debugging program (allows
1951        you to jump into the Apple /// monitor from any Basic program),
1952        recommendations on using the REQUEST.INV, list management and the
1953        Pascal Alphazen game.  Requires Business Basic 1.23 and PASCAL 1.2.
1954        Only $24.95 plus $1.00 S/H, order #6010.
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1995        Pair Software                                    Page 32
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1999        DISK UTILITIES
2000
2001        ACCESSORY PACK #1 - TOOLS FOR ON THREE'S DESKTOP MANAGER (tm). From
2002        Belhaven. This is the first of several accessory packs for On Three's
2003        Desktop Manager (tm) system.  Included are the ASCII VALUES module
2004        (Displays character sets), PRINTER CTRL  (Sends  setup  codes  to  the
2005        printer),  DIALER  ((Autodial  your  modem direct from your computer),
2006        VIEW FILE (Displays any ASCII file on  screen  or  to  your  printer),
2007        PROTECT (Locks  access to your computer), TIME (Displays current date
2008        and time), SYSTEM GUIDE (For programmers.  Displays useful information
2009        on memory  maps, SOS errors, codes, etc.), FILE TYPE (Allows the user
2010        to view and change and file's type),  FONT  LOAD.SAVE  (Load  or  save
2011        Apple /// character sets) and EJECT UNIDISK (ejects diskettes from the
2012        UniDesk 3.5 with  the  UniDriver  ///  driver  from  Pair  Software.
2013        Guaranteed  bug-free!   Documentation  on  disk.  A must for Desktop
2014        Manager owners.  $34.95 plus $1.00 S/H, order #5419.
2015
2016        APPLCON - Converts Applesoft programs to Business Basic (ASCII format,
2017        convert with EXEC command.  Some editing  work  is  usually  required.
2018        Only $24.95 plus $1.00 S/H, order #5418
2019
2020        BACKUP /// is THE standard  backup  program  for Apple /// hard disk
2021        systems. BACKUP /// makes a continuous copy of  all  hard  disk  data
2022        onto a set of smaller capacity floppy diskettes.  Copies are done file
2023        by file, and BACKUP /// can restore  individual  files  or  complete
2024        volumes  at  a time.  You buy new equipment, computers, hard disks but
2025        can you replace your data?  Once its gone,  its  gone FOREVER!  256K
2026        minimum,  two  disk  drives  recommended.    (Large  capacity  drives
2027        recommended.  You can use a lot of Disk /// floppies at 140K bytes!).
2028        Only $24.95 plus $1.00 S/H, order #5400.
2029
2030        BLOCREAD is a simple disk/file block read/write utility.  While not as
2031        sophisicated as our DISK WINDOW /// program (see D.A.  DataSystems
2032        products)  it  is  a useful tool for editing disk data blocks.  If you
2033        get good, you  can  even  undelete  files,  recover  data  or  destroy
2034        'immortal' files.    256K  minimum, one disk drive.  Only $24.95 plus
2035        $1.00, order #5401.
2036
2037        The  CONFIDENCE  PROGRAM is a simple utility that can quickly tell you
2038        if your /// is all right.  In fact, it says so out loud  (that  really
2039        shakes  up  the  boss!).  The CONFIDENCE PROGRAM checks system memory,
2040        graphics, Disk /// drives, I/O ports, etc.  Not as deep a check as the
2041        Dealer  Diagnostics Program (see below), but much easier to use.  128K
2042        minimum, one disk drive.  Only $24.95 plus $1.00 S/H, order #5402.
2043
2044        The  DISK MAKER UTILITY is a handy tool for the large firm or /// user
2045        group.  Makes  multiple  copies  of  diskettes  quickly  and  easily.
2046        Formats  new  diskettes,  make  copies  super  fast without going into
2047        System Utilities.  The DISK MAKER UTILITY will also make diskette  and
2048        mailing  labels  on  15/16" by 3.5" labels. We use it!  256K minimum
2049        (512K  recommended),  two  disk  drives  of  same  capacity  required
2050        (Micro-Sci  .Xn drivers work fine).  Only $24.95 plus $1.00 S/H, order
2051        #5403.
2052
2053        DEALER  DIAGNOSTICS  is the same program used by Apple dealers for ///
2054        maintenence.  Checks system memory, graphics pages,  disk  drives  and
2055        keyboards.    Also  has  speed  verification  for  adjusting  Disk ///
2056        diskette drives.  One disk drive.  Only $24.95 plus $1.00  S/H,  order
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2058          Pair Software                                    Page 33
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2062        #54Ø5.
2063
2064        DIF  PRINT  is  a  utility  that  will  print  formatted dumps of data
2065        interchange format (DIF) files, such as those  produced  by  VisiCalc,
2066        ///  EZ  Pieces,  Omnis  3,  etc.    Offers  complete control of dump.
2067        Requires PASCAL.  128K minimum, one  disk  drive.   Only $24.95  plus
2068        $1.ØØ S/H, order #54Ø7.
2069
2070        DISK CHECK is a special utility program that can 'repair' damaged disk
2071        directories and save your valuable files.  This version allows you  to
2072        specify  your  drives  by  device  names  (e.g.,  .D1, .PROFILE, etc.)
2073        instead of the more difficult to find unit number  available  in  some
2074        versions.    Works  on  volumes  up  to  1Ø megabytes in size.  A real
2075        lifesaver!  NOW INCLUDES PROHEALTH PROFILE  HARD  DISK  SYSTEM  VERIFY
2076        UTILITY!  Requires PASCAL.  128K minimum, one disk drive.  Only $24.95
2077        plus $1.ØØ S/H, order #54Ø8.
2078
2079        DRIVER'S  AID   - A POWERFUL program for Apple /// owners with diskette
2080        based system.  Allows you to quickly and easily  construct  SOS.DRIVER
2081        files  with  a  minimum  of  trouble  and  WITHOUT  having  to use the
2082        difficult SYSTEM UTILITIES CONFIGURATION program.  Complete files  are
2083        generated  by a simple, menu driven question and answer session.  256K
2084        minimum system required, two diskette drives.  Catalyst  and  Selector
2085        /// compatible.  Only $29.95 plus $1.ØØ S/H, order #5428.
2086
2087        FILE  BACKUP  UTILITY  is  a  utility for backing up individual system
2088        files.  Move files one by one to your backup disks.   Can  move  files
2089        only  to  drives  with  sufficient  storage-  it cannot use multiple
2090        diskettes like Backup ///.  Requires PASCAL.  128K minimum,  two  disk
2091        drives  or  hard  disk  required.    Only $24.95 plus $1.ØØ S/H, order
2092        #54Ø9.
2093
2094        FIXER  is  a  program  that  can  'uncatalyze' program diskettes like
2095        Applewriter,  VisiCalc,  etc.   that  have  been  made  unbootable by
2096        CATALYST  version  2.Ø,  allowing  you  to use the diskettes direct as
2097        bootable programs again.  It does NOT works  with  PFS  or  KEYSTROKE
2098        program  diskettes.   Use  at  your own risk.  256K minimum, one disk
2099        drive.  Only $24.95 plus $1.ØØ S/H, order #54Ø6.
2100
2101        FOTOFILES  #1   - A new set of public domain Print Shop graphics files.
2102        Can be loaded and  used  with  your  ///'s  programs  via  On  Three's
2103        Graphics Manager (tm).  Two sided disk packed with files.  Only $24.95
2104        plus $1.ØØ S/H, order #5425.
2105
2106        GRABIT  is  a  quickie utility for converting ASCII text data to Quick
2107        File ///  or  ///  EZ  Pieces  Database  files.   Pull  data  off  the
2108        mainframe,  edit  it and then put it right in your database!  Includes
2109        paper notes on usage.  128K minimum, two  disk  drives  or  hard  disk
2110        recommended.  Only $24.95 plus $1.ØØ S/H, order #541Ø.
2111
2112        DATA  GRAPH  ///  - The NEW, easy to use data graphing program for Apple
2113        ///  owners.  Data Graph /// allows you to use and  plot  up  to  three
2114        separate  sets  of datum on the same graph!  Or, average all three sets
2115        for a single plot.  Does Bar, 3-D bar, line, X-Y plots, pie,  3-D  pie
2116        and  scatter  graphs.   Black  and white graphs only, works with most
2117        EPSON or compatible printers.   Only $34.95  plus  $2.ØØ  S/H,  order
2118        #631Ø.
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2121        Pair Software                                        Page 34
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2123
2124
2125    LIST IT is a utility that prints formatted listings of your PASCAL
2126    programs (just as though the compiler is listing the compilation) or
2127    formatted dumps of other PASCAL or ASCII text files. Great debugging
2128    tool. 128K minimum, one disk drive.  Only $24.95 plus $1.00 S/H,
2129    order #5411.
2130
2131    PASCAL FILE CONVERTER can convert PASCAL or ASCII files of any size
2132    into PASCAL or ASCII files. Useful for creating very large PASCAL
2133    programs on your ASCII word processor, then converting the files for
2134    compiling without a million {INCLUDE} statements. 128K minimum, two
2135    disk drives or hard disk recommended. Only $24.95 plus $1.00 S/H,
2136    order #5413.
2137
2138    REFORMATTER /// is the superior utility for data conversion. It can
2139    'convert' ASCII data directly into DIF or Quick File (read /// EZ
2140    Pieces/Appleworks) formats, or convert DIF and Quick File files into
2141    either format. Very useful if you like to pull data from other
2142    systems to store in your ///'s data base without re-keying everything!
2143    Manual included. 256K minimum, two disk drives or hard disk required.
2144    Only $34.95 plus $2.00 S/H, order #5414.
2145
2146    SYSTEM UTILITIES 1.1 (w/device sub-type changer) is the most widely
2147    circulated version of System Utilities and a big upgrade over version
2148    1.0.    With it you can do all of the SOS utility functions, including
2149    file copying, device location, disk copying and formatting. Under its
2150    system configuration/driver creation routines you can also make
2151    changes to the device sub-type, an important feature for some drivers
2152    (older Micro-Sci, etc.).    However, it can only load about 42K of
2153    driver space (it claims 51K). 128K minimum, one disk drive. Only
2154    $24.95 plus $1.00 S/H, order #5415.
2155
2156    SYSTEM UTILITIES 1.2F is the latest version of System Utilities
2157    released by Apple Computer. It fixed several bugs in the generally
2158    released version 1.1, and is able to load a true 51K of driver space
2159    in System Configuration. It cannot change a device sub-type, but that
2160    is a relatively unimportant feature compared to the other advantages
2161    of the upgrade. HIGHLY RECOMMENDED! 256K minimum, one disk drive.
2162    Only $29.95 plus $1.00 S/H, order #5416.
2163
2164    TEXTGRAPHICS is an extremely easy to use conversion utility that will
2165    turn your ASCII TEXT file into a series of 24 line graphics FOTO
2166    files. Now you can quickly develop text for your graphics programs on
2167    your easy to edit word processor instead of hassling with placement
2168    under the ///'s GRAFIX driver. We use it to develop ad copy for THE
2169    /// MAGAZINE, just leaving space where needed for our pictures.  On
2170    line help.  If you use ON THREE's DRAW ON THREE or GRAPHIC'S MANAGER,
2171    you need this program!  Requires Business Basic 1.23 and GRAFIX
2172    driver. 256K minimum, one disk drive. $29.95 plus $1.00 S/H, order
2173    #5417.
2174
2175    /// EZ PIECES REPORT REFORMATTER - Reformats /// EZ Pieces reports.
2176    Requires Basic and Pascal, some programming knowledge.  Only $24.95
2177    plus $1.00 S/H, order #5424.
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2184    Pair Software                                    Page 35
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2186
2187
2188        WORD PROCESSING
2189
2190        APPLEWRITER ///  WPL  PK.#1  is  an  assortment  of  WPL routines for
2191        Applewriter ///.  Included are routines for merging documents,  moving
2192        documents, justifying documents and much more.  Only $24.95 plus $1.ØØ
2193        S/H, order #62ØØ.
2194
2195        APPLE  SPELLER  ///  is  the  powerful speller checker program for the
2196        Apple ///.  Designed to be used with Applewriter version 2.Ø and above
2197        (these  versions  have  a  built  in  bridge  to  program.   See Super
2198        Applewriter, below).  Apple Speller will spell check any SOS or ProDOS
2199        ASCII text file.  /// EZ Pieces files can be spell checked if they are
2200        converted to ASCII text for editing and back to  ///  EZ  Pieces  word
2201        processor files for use with /// EZ Pieces (See Public Domain Pack #5,
2202        which contains a CHANGER program.  Includes 83,ØØØ word dictionary and
2203        utilities  utilities  to  customize  program  and dictionaries for your
2204        system.  Requires 256K minimum machine, two diskette drives.   Limited
2205        supply.  Only $34.95 plus $2.ØØ S/H, order #62Ø6.
2206
2207        FACTWRITER /// version 1.Ø1 is a word processor, a Pascal text editor,
2208        and much more.  It can  handle  word  processor  documents  up  to  16
2209        MEGABYTES  IN  SIZE!!   How  does  it  do  this?  FACTWRITER /// is a
2210        'virtual memory' system that processes sections of a very large Pascal
2211        file  in  32K  chunks.  When you reach the end of a 32K section of the
2212        file presently being  edited  the  program  saves  off  your  changes,
2213        additions  and  deletions  and  loads  the  next  32K!   Expansion or
2214        contraction of the file does not up the layout  of  the  text  or  the
2215        loading  and  saving  of  the file data.  Allows you to create monster
2216        PASCAL files for compiling.  Looks and works like the Apple /// Pascal
2217        editor,  but  is also excellant for creating large documents.  Formats
2218        and prints documents to your specifications.   Works   only   on  PASCAL
2219        text  files- ASCII not supported.  Prints manual on disk.  Includes on
2220        line help.  FACTWRITER is a real memory hog,  and  may  not  fit  into
2221        heavily  configured  256K CATALYST and SELECTOR /// systems.  Requires
2222        PASCAL 1.1 or greater.  256K  minimum  (512K  recommended),  two  disk
2223        drives  or  hard  disk (recommended) required.  Only $34.95 plus $1.ØØ
2224        S/H, order #62Ø3.
2225
2226        The  INK  WELL  UPGRADE  is  our  revision of the famous INK WELL word
2227        processor program, the very one this catalog  was  written  with!   We
2228        have  added  features like delete restore, opening files as extensions
2229        or new files, save with or without (straight ASCII) format data,  save
2230        ALL  format  data on a document, the ability to rename files, and much
2231        more.  Several program bugs were fixed, too.   HIGHLY  RECOMMENDED  IF
2232        YOU USE INK WELL.  Installs under CATALYST or SELECTOR /// as a simple
2233        Business Basic program- no program modifications are necessary!   256K
2234        minimum,  two  disk  drives  or  hard disk compatible.  YOU MUST SUBMIT
2235        YOUR ORIGINAL INK WELL DISKETTE TO RECEIVE THIS UPGRADE.  Only  $24.95
2236        plus $1.ØØ S/H, order #62Ø1.
2237
2238        SUPER  APPLEWRITER version 4.1.  This upgrade is the latest version of
2239        the famous Applewriter ///, patched by us to correct  several  program
2240        bugs.   New  features  include documents up to the limits of computer
2241        memory, 255 screen column scrolling (great for those wide documents!),
2242        bridge to Apple Speller, on line help screens, and much more.  Best if
2243        you have already upgraded to Applewriter 2.Ø for full documentation on
2244        features.   Contains an assortment of WPL routines on the back side of
2245        the diskette.  Also, unlike version 4.Ø, this  version  can  load  and
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2247        Pair Software                                            Page 36
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2252        save  files greater than 64K.  TO RECEIVE THIS UPGRADE YOU MUST SUBMIT
2253        ONE OF YOUR ORIGINAL APPLEWRITER /// DISKETTES TO  PROVE  OWNER  OF  A
2254        LEGAL COPY.  Only $29.95 plus $1.ØØ S/H, order #62Ø2.
2255
2256        The  WORD  JUGGLER UPGRADE is an upgraded version of WORD JUGGLER 3.6.
2257        It is 1ØØ% unprotected and  copyable.   And,  it  will  install  under
2258        CATALYST!   It includes the Lexicheck program.  To obtain the upgrade,
2259        YOU MUST SUBMIT ONE OF YOUR ORIGINAL  WORD  JUGGLER  DISKETTES,  which
2260        will  be returned to you untouched.  Only $29.95 plus $1.ØØ S/H, order
2261        #62Ø4.
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2311        Pair Software                                        Page 37
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