

TANDY
COMPUTER
PRODUCTS

Radio Shack

Dealer/Franchise

UPDATE

01-STORE UPDATE 1985-12
Internal Distribution Only ##
Lists: A, B, F1, G, H, X
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PRODUCT NEWS

The following information is provided by Technical Support,
Computer Customer Service, and Computer Merchandising.

CORRECTION UPDATE 1985-10: OS-9 APPLICATIONS - "DOS" COMMAND

To RUN the BASIC program provided in Update 1985-10 the correct command line is:

RUN **

RECENTLY DISCONTINUED ITEMS

700-2043	Time Accounting (26-4520)	1.1 Upgrade
700-2254	COBOL Compiler (26-2203)	Model I Diskette
700-3210	VisiCalc (26-1567)	Replacement Diskette

DMP-2100P CUSTOM FONT SYSTEMS (25-1158, 26-2232, 26-4840)

During SQC's final testing of the DMP-2100P Font Systems, the following issues were brought to light:

1. The MS-DOS version (25-1158) requires 256K of memory. This fact is not mentioned on the package or in the catalog.
2. The fonts "bold.dl" and "italic.dl" included in the packages do not print out as "bold" as an end-user might expect. The font size is taller than normal, but not any darker or more pronounced. If the user desires darker characters the "bold" printer control characters should be used.

MODEL 100 MULTIPLAN (26-3829, 01.00.00) - DOCUMENTATION REFERENCE IN ERROR

On page 85 (top paragraph) of the manual, reference is made to Formula Locking. Please disregard this paragraph as it does NOT apply to this program.

TANDY 200 - AND THE BAR CODE READER (700-3407)

The two example programs (READBC.BA and RDBC DV.BA) that are supplied on tape and listed on pages 12, 13, and 25 of the Bar Code Reader manual, will generate an error if the number 3 is pressed, even though this number is now an invalid response. To correct the problem, change line 40 in both programs to read:

```
40 PRINT @ 240, "PLEASE CHOOSE:";:A=INSTR("12",Input$(1)):IF A=0 THEN  
BEEP=GOTO 40 ELSE PRINT A;
```

One last item, the two files, INVENT.BA and INVCRE.BA are listed in the addendum in reverse order from how they appear on the tape.

TANDY 600 (26-3901) - SOLUTION FOR OVERCHARGING

Use the following procedure to prevent overcharging the Tandy 600:

1. Set Sleep to 0.
2. Set Wake to run (any application and file) at approximately 13 hours after the unit is plugged in for charging.

This will cause the unit to turn on 13 hours later and not go back to sleep. As long as the unit is on, it will not charge and will run off the AC power instead of battery.

MODEL 4 CONSTRUCTION ESTIMATOR (26-2025, 01.00.00) - DESKMATE MENTIONED

One run of Construction Estimator was produced with the word DESKMATE on the manual cover (approximately 1700 copies). This package has nothing whatsoever to do with our present DESKMATE software packages, so its appearance on the Construction Estimator package may be confusing. If you hear from someone who has this package, you can assure them that DESKMATE is not included and Construction Estimator is not meant to work in conjunction with DESKMATE.

DIGI-.MOUSE CONTROLLER/CALENDAR BOARDS - BATTERY DISCONTINUED

The replacement battery (23-163) for the Digi-Mouse Controller/Calendar Boards (25-1010, 25-1015, 26-5144) has been discontinued. The 23-162 battery can be substituted, it has higher-capacity and more reliable connection. If customers want an exact replacement, refer them to a camera store.

OMNITERM 2 (25-1160) - USING WITH A DT-100, XENIX, & SCRIPSIT

When using Omniterm 2 with a DT-100 (26-6052), Xenix and SCRIPSIT 16 (26-6431), the copyright screen will have a line of characters inserted on the bottom of the screen before it switches to the Main Menu.

The SCRIPSIT program functions properly.

WITNESS (26-5376) & PLANETFALL (26-5377) - WORKS ON 2000/1200 HD/1000

Page 35 of RSC-15 catalog implies that Witness and Planetfall work on the Tandy 1000 and Tandy 1200 HD. Although only the Tandy 2000 is listed on these packages, we support them on the 1000 and 1200. Some initial work may need to be done by the store, but after the set-up process the games work identically on all 3 machines.

EDUCATION

NETWORK 2 - COLOR COMPUTER SPEECH/SOUND PROGRAM

This program was written by Joel Aaron, Instructor at 11-7441. It is designed for use with a Color Computer Network 2 System (26-1211) with our Sound/Speech Cartridge (26-3144) in the student stations.

Thanks to Joel for this program.

```
10 X=&HFF00:Y=&HFF7E
20 POKE X+1,52:POKE X+3,63
30 POKE X+35,60
40 A$="HELLOE, BOIZZ AND GURILZ . THIS IZ THEE VOISS OHV
THEE COMPUTER . YOO CANN MAYK MEE SAIY AHNNEETHING "
50 GOSUB 150
60 A$="JUSST TYPE YOOR NAYMME AHNND PRESS THEE EHNNTERR KEE.
"
70 GOSUB 150
80 INPUT A$
90 GOSUB 150
100 A$=" NOW TYPE ANEETHEENG YOO WANT ANND PRESS E
NTER."
110 GOSUB 150
120 INPUT A$
130 GOSUB 150
140 END
150 FOR I=1 TO LEN(A$)
160 IF PEEK(Y) AND 128=0 THEN 160
170 POKE Y, ASC(MID$(A$,I,1))
180 NEXT I
190 IF PEEK(Y) AND 128=0 THEN 190
200 POKE Y,13
210 RETURN
```

Suggested changes to lines 120 and 140:

```
120 LINE INPUT A$
140 GOTO 120
```

MODEL III/4 NETWORK 4 TECHNICAL ADVICE FROM TECHNICAL SUPPORT

Fifteen-Megabyte and 35-Megabyte hard disks must be modified according to Tech Bulletin HD:12. This is a hardware fix, so it will not involve hard disk diagnostics that can destroy network data. Still, warn your customer to tell Radio Shack Service Center personnel not to test the hard disk.

If a Model III station will not boot, send the computer to the local Radio Shack Service Center. Have it checked per Tech Bulletin III:27. The technician can call Tech Support in Fort Worth for further information if needed.

MODEL III/4 NETWORK 4 SYSTEM - INSTALLATION TIPS

Complete instructions for setting up a Network 4 system of Model III and Model 4 stations are provided in the manual for the Network 4 Operating System (26-2773). Tandy personnel who will install and support Network 4 systems should get a copy of this documentation. In addition, the following suggestions are offered to ensure a smooth system installation.

Preparation

1. Make sure the customer has purchased (or will purchase) the right components. The Regional Education Coordinator for your area has a specification guide to the Network 4 system. This guide explains the minimum requirements for a Network 4 system and describes options for individual system configurations.
2. Review the manual for the Network 4 Operating System (26-2773).
3. Review Bulletin I/O:51 from Technical Support. Inform the customer that additional ROMs may be required to upgrade his Model III/4s.
4. The current "A" ROM must be present in a station for it to boot into the Network 4 system. Before sending the customer's Model III/4s to the Service Center for installation of Network 4 upgrade kits, find out how many of the computers have an old version of the "A" ROM.

Check each computer's ROMs by using the memory test utility program called MEMTEST, which is included on TRSDOS 1.3 operating system diskettes.

- o At disk-equipped Model III/4s, boot this disk. At "TRSDOS Ready," enter the command MEMTEST.
- o At non-disk Model III/4s in a Network 3 system, load the Network 3 student operating software. At the prompt "Network 3," enter the command MEMTEST.
- o At all other non-disk Model III/4s, load the MEMTEST utility from cassette tape. (TRSDOS 1.3 includes the library command TAPE, which can transfer the MEMTEST program from diskette to cassette tape.)

The "A" ROM checksum displayed should be either 8F46 or B504/DA42. If any other number is displayed, that computer will require a new "A" ROM (part number MX-5828, \$6.00 from National Parts).

5. The network 4 upgrade kits for Model III/4s include a new "C" ROM. Newer versions of the Model 4 cannot use this "C" ROM because their main boards are built differently and require a different chip set. Before sending the customer's Model 4s to the Service Center for installation of Network 4 upgrade kits, find out how many of the computers are the new version.

You can easily recognize this new version of the Model 4, which is called a "gate array" Model 4. Look at the back of a Model 4 computer. If the RS-232 port comes out of the back of the computer, instead of the bottom, it is a Gate Array Model 4. That computer cannot be upgraded with the ROM in the Network 4 upgrade kit. Gate Array Model 4s require a different ROM, called a "D" ROM. The Network 4 "D" ROM is part number MX-3084, \$5.84 from National Parts.

(continued)

MODEL III/4 NETWORK 4 SYSTEM - INSTALLATION TIPS (continued)

6. The Network 4 "C" ROM uses the same address to boot a station from the Network 4 host as was used in previous "C" ROMs to boot a station from the Network 3 host. Advise the customer that upgraded Network 3 student stations will not boot from a Network 3 host (until different "C" and "D" ROMs become available that will allow both network boot functions).
7. Request that the school's electrician label all outlets in the network room(s), identifying the circuit for each outlet and the amperage provided by that circuit. You should list the power requirement figures for each piece of network equipment, so that the school's electrician can determine whether or not sufficient power is available on that particular circuit. The school may have to wire one or more additional circuits for a lab or classroom that will contain many computers. If power line fluctuations are common at the site, recommend the purchase of a backup power supply (BPS-400, 26-1189, \$695.00) for the host.

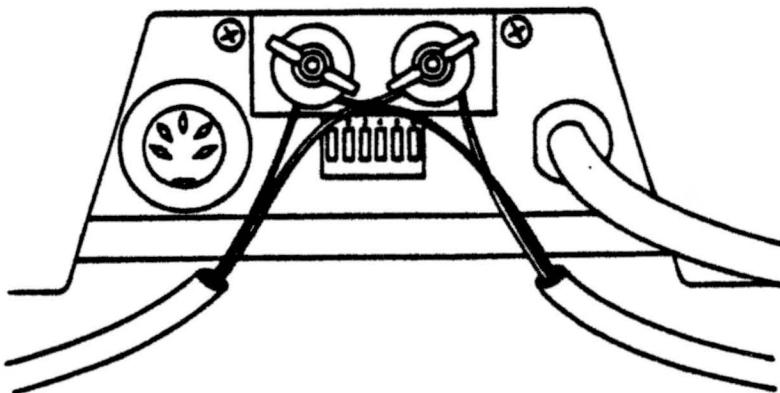
Installation

1. Check every outlet that could possibly be used to power a Network 4 station to be sure it is wired correctly. A Three-Wire Outlet Analyzer (22-101, \$5.95) can warn you if a 3-plug 120 volt AC outlet is miswired.
NOTE: A user site evaluation by Technical Support is highly recommended.
2. Initialize the hard disk(s) for the system as described on pages 19-21 of the Model III/4 Network 4 manual. (Page numbers refer to the first edition.)
3. Position all stations.
 - o The host for the network (the main server, the station that is connected to the hard disk) can be anywhere in the area served by the system. It doesn't have to be at one end of the trunk cable, or in the middle.
 - o All hard disks require stable support. Place hard disk on a shelf or table where they won't be bumped or shaken while in use.
 - o Be careful that you adequately spread the power requirement for network equipment over the site's available circuits.
4. Plan a path running from station to station for the network trunk cable. (If the tap box/tap cable option will be used to connect stations, you may only need to run cable from room to room.) Decide which stations will be at each end of the trunk cable. Route the trunk cable over doorways and around aisles so that it won't be a safety hazard or violate local fire safety codes.
5. Starting at one "end" of the network system, begin unrolling trunk cable from the cable spool. You must allow a minimum of six feet of trunk cable between every connection. Measure off at least six feet of trunk cable, then set one support leg of the station on top of the trunk cable at that point to hold it until you're ready to begin connecting all stations. Continue this procedure from station to station.
6. Set the address switches on the back of every station before you connect the stations to the trunk cable, so that trunk cable and power cord won't get in your way. Refer to pages 87-88 of the Network 4 operating software manual. Make sure that every station address is unique, and that the host is set for address #63 (all switches down).

(continued)

MODEL III/4 NETWORK 4 SYSTEM - INSTALLATION TIPS (continued)

7. After all stations and the trunk cable are arranged satisfactorily, you can begin connecting stations to the trunk cable. Please refer to the Network 4 operating software manual for complete instructions.
 - o The gray outer jacket of the trunk cable must be removed, at each point where a station is sitting on it, to expose the red and black wires inside. Be careful not to cut the wires inside the trunk cable. Do not remove any insulation from these red and black wires. If you accidentally cut a wire, splice it carefully and completely cover the exposed portion of the wire with electrical tape or heat-wrap.
 - o Connect the trunk cable wires to the posts on the back of each station as shown in the diagram below. Note that polarity is not important.



If you have difficulty grasping and tightening the wing nuts, try turning the station onto its right (disk-drive) side. This will give your fingers more room to work. Be sure to make a tight connection.

You can join two short lengths of trunk cable at a station to make one longer trunk cable for the system. In this case, polarity is important. Match the red and black wires from each length of trunk cable at the station's posts, and tighten securely.

8. You must install a line amplifier on the network trunk cable in order to operate more than 32 stations, extend the trunk cable length beyond 1000 feet, or create a branching trunk cable. This device is called an Active Junction Box (26-1225, \$299.95). Installation instructions are included.
9. Add one of the terminators which came with the trunk cable spool to each station at the end of the trunk cable. The terminators stop the network signal on the trunk cable at those end stations.

Cut off any excess trunk cable past the terminators. To expand the network, you can remove a terminator, join a new length of trunk cable at that end station, and then move the terminator to the new end station.

If a terminator gets lost or broken, it can be replaced by a 1/4 watt 100 ohm resistor. These resistors (271-1311, \$0.39 for a package of five) are available from any Radio Shack store.

(continued)

MODEL III/4 NETWORK 4 SYSTEM - INSTALLATION TIPS (continued)

Test Procedure

1. Connect the hard disk to the Network 4 host (the station containing a Master Upgrade Kit or cable modification whose network address switch is set to #63). Plug in and turn on the power for the hard disk and host station. (If you have a printer attached to this station, plug it in and turn it on.)

Boot the host station and hard disk by holding down the <4> Key while you press and release the RESET button. You should see the disk-server screen which is shown on page 47 of the Network 4 manual.

If this screen does not appear, turn off the station and hard disk. Is this the correct hard disk? Has it been initialized for the Network 4? If so, try these procedures in order, re-booting after each as described above.

- o Verify that the station address is #63 (all switches down).
- o Make sure the hard disk cable is securely and properly connected. (Let the station's I/O extender cable hang straight down. When you attach the hard disk cable, the cable should exit the connector toward the rear of the station, not the front.)
- o Make sure the I/O bus connector under the station is connected securely.
- o Connect the hard disk to a disk-equipped Model III/4. Boot Disk 1 of the Network 4 Operating Software. At TRSDOS Ready, enter the command HDINIT to run the hard disk initialization program. Select Option 2, "Load SRVRCODE VIRT File," to transfer the disk server program to the hard disk.

2. Plug in and turn on the power for the stations (one station at a time to prevent a power surge). Go to the station at one end of the trunk cable. Boot that station from the network by holding down the <4> key while you press and release the RESET button. Wait until you see the message "MODEL III BOOTER" and the prompt "ENTER ACCOUNT NAME:", then continue to the next station and repeat.

If the message "NETWORK 4 CODE X1" appears at all stations, refer to pages 132-133 of the Network 4 manual. If this message appears at one or more stations, refer to page 134. This message simply means that some condition prevented the station from establishing contact with the host.

3. When all user stations display the prompt "ENTER ACCOUNT NAME:", start up the stations under the MASTER account. Type MASTER and press <ENTER>. When you see the prompt "PASSWORD:", press <ENTER>. The station will receive the network version of TRSDOS 1.3 so that it can function under the Network 4 operating system. Repeat at all stations.

When you see the prompt "Network 4" (instead of "TRSDOS Ready"), enter the command STATIONS. This Network 4 utility program displays a list of the stations that are in the network system by address number. Repeat at all stations.

All stations should display the same set of station numbers. Also, no two stations should have a "*" beside the same number.

Installation of Network 4 hardware and operating software is now complete.

NETWORK 4 - MODIFYING EQUIPMENT

To turn a 26-1058 Model 4 Network 4 Student Station into a disk server or host for the network, you would order the Hard Drive Connector Cable (AW-0010), the Interconnect Adapter (AX-9417), and the External Hard Disk Cable (AW-3034) from National Parts. The internal cable must be installed at a RSSC (\$15).

To turn a 26-1137 Student Upgrade Kit into a 26-1136 Master Upgrade Kit, you would order the Master Upgrade Kit Cable (AW-3067), the Interconnect Adapter (AX-9417), and the External Hard Disk Cable (AW-3034) from National parts. Substitute the AW-3067 cable for the cable in your Student Upgrade Kit before sending your Model 4 to the RSSC for upgrade.

To turn a Model 4 that has not been upgraded with a Student Upgrade Kit into a master or disk server station, order the Master Upgrade Kit Cable (AW-3047) from National Parts. The internal cable must be installed at a RSSC (\$15). NOTE: This part will fit with an upgrade kit only, not the 26-1058 Model 4 Network 4 Student Station.

MODEL III/4 NETWORK 4 SYSTEM - RELATED PARTS LIST

The following upgrade and repair items are available from National Parts or Radio Shack Stores and Computer Centers:

PART NO.	NAME / SUGGESTED RETAIL / DESCRIPTION
AW-0010	Hard Drive Connector Cable - \$22.39 Option. Allows 26-1058 to function as disk server. Installation by RSSC required--\$15 per upgrade.
AW-0019	Student Upgrade Kit Cable - \$17.88 Replacement part. Requires installation by RSSC--\$15.
AW-3067	Master Upgrade Kit Cable - \$23.24 Replacement part. Can replace cable in Student Upgrade Kit to yield Master Upgrade Kit. If replaced in an upgraded Model 4, requires installation by RSSC--\$15.
AX-9417	Interconnect Adapter - \$2.79 Replacement part, or use with AW-0010 upgrade. Joins hard disk cable to disk server's master cable.
AW-3034	External Hard Disk Cable - \$18.12 Replacement part. Connects disk server to hard disk.
AHD-8011	Toothed Washer - \$1.00 Replacement part. Connects one trunk cable signal wire to one post at a station.
MX-5828	Model III/4 "A" ROM - \$6.00 Required upgrade part for most Model IIIs and some Model 4s.
MX-3084	Model 4 "D" Network 4 ROM - \$5.70 Required upgrade part for Gate-Array Model 4s.
MX-3333	Model III/4 "C" Network 4 ROM - \$8.55 Replacement part. "C" ROM for Model IIIs and non-Gate Array Model 4s.
MX-0059	Boot ROM for Network 4 Board - \$8.55 Replacement part. Initializes Network 4 board from 26-1136 and 26-1137 upgrade kits.
AX-4015	Unstuffed Network 4 Board - \$87.51 Replacement part. Printed circuit board without Corvus chip sets, boot ROM, and RAM.
AXX-2039	Network 4 Diagnostic - \$182.88 Diagnostic program tests individual Model III/4 Network 4 stations and network communications.
22-101	3-wire 120 V AC Outlet Analyzer - \$5.95 Plug-in tester shows if outlet is miswired.
271-1311	1/4 Watt 100 Ohm Resistors (pkg. of 5) - \$0.39 Replacement part for Network 4 terminator.
26-1189	BPS-400 Backup Power Supply - \$695.00 Option. May be needed to overcome frequent power fluctuation. Provides secure power for disk server.

TANDY 1000 - CR-510 CARD READER (26-1266) ROUTINES

These are the basic, BASIC routines needed to operate the CR-510 Card Reader with a Tandy 1000. The rest of the program will depend on the user's particular application.

```
1000 ' ****
1010 '**
1020 '** Initialize the Card Reader **
1030 '**
1040 ' ****
1050 CLOSE 1 ' Just in case it's already open
1060 OPEN "COM1:9600,N,8,1" AS 1 ' 9600 baud, No parity, 8 bits, 1 stop bit
1070 PRINT #1,"RES NUM EC0 ST1 DFD" ' Reset card reader, set for demand feed
1080 RETURN
2000 ' ****
2010 '**
2020 '** Read a card **
2030 '**
2040 ' ****
2050 ' On return from this routine, if ss$ = "0" then aa$ = valid input data
2060 PRINT #1, "PIK" ' Tell card reader we want a card
2070 LINE INPUT#1,AA$' Input the data from the card reader
2080 SS$ = LEFT$(AA$,1)' Retrieve status byte (see below)
2090 AA$ = MID$(AA$,3)' Remove status byte from input string
2100 RETURN
2110 '
2120 '>>>>>>> Status Byte <<<<<<<
2130 '
2140 ' 0 = No error, aa$ = data from the card reader
2150 ' 2 = Card hopper empty; all cards have been read
2160 ' 4 = Card reader not ready; <START> has not been pressed
2170 ' 8 = Feed error; restack cards and re-initialize card reader to continue
2180 ' Anything else = Fatal error -- see card reader manual
```



As indicated by the name, "Grapevine", this section is where Customer Service Representatives share information with each other.

WARNING: The information contained in the Grapevine is made available on an "as is" basis for the use of store personnel only. Much of the information will not be supported by Computer Customer Service and in no way shall Tandy Corporation be responsible for any problems caused by the use of this information.

All articles which do not include a by-line came from Computer Customer Service.

CORRECTION UPDATE 1985-11:

MODEL 4 DISK SCRIPSIT - CONVERTING DOCUMENTS TO SUPERSCRIPSIT

The conversion procedure detailed in this article is for Model III Disk SCRIPSIT (26-1563) NOT Model 4 Disk SCRIPSIT (26-1596).

(TOM LOW, 01-7384)

CORRECTION UPDATE 1985-10:

TANDY 1000 MICRO ILLUSTRATOR - ACCESSING PICTURES FROM BASIC

To do a quick save of a picture under Micro Illustrator, use the ">" key, not the <SPACE BAR>. This will save the picture in a format that may be loaded into BASIC using BLOAD.

(M. BARNER, 01-7879)

BASIC09 (26-3036, 01.00.00) - PROCEDURES FOR BOOTING UP

We have received several inquiries concerning the correct procedure for booting up BASIC09. This procedure is also included on page 56 of the January - June Reprints of the 1985 Reprints.

1. Make a backup of your MASTER OS-9 and BASIC09 disks.
2. After making the backups, put your OS-9 and BASIC09 disks away for safekeeping.
3. Using the OS-9 backup disk, delete the DEFS file. At the OS-9 prompt, type:
DELDIR DEFS
4. Now get your BASIC09 backup disk.
 - a. If you have TWO disk drives, insert the BASIC09 backup in drive 1 (your OS-9 backup will be in drive 0). At the OS-9 prompt, type:
COPY /D1/BASIC09 /D0/CMDS/BASIC09

(continued)



BASIC09 (26-3036, 01.00.00) - PROCEDURES FOR BOOTING UP (continued)

- b. If you only have ONE drive, while the OS-9 backup is in drive 0, type:

LOAD COPY

Now insert the BASIC09 backup and type:

COPY /D0/BASIC09 /D0/CMDS/BASIC09 -S #20K

Follow the instructions as given on your screen. When the process is complete, you can type:

BASIC09

at the prompt, and you are ready to go!

(M BARNER, 01-7879)

OS-9 C-COMPILER (26-3038, 01.00.00) - OPERATING INSTRUCTIONS

To run "C" for OS-9, a two drive system is required. To write and compile a program, follow these steps:

1. Create the program with OS-9's EDIT or BUILD. The program must be entered in lower case except for defined words. The filename (which is also in lower case) must end with a ".c" extension.
2. Copy the program to a "C" library disk.
3. Put the compiler disk in drive 0 and the library disk in drive 1 (in a system with more than two drives, the compiler disk may be in any drive but the library disk must always be in drive 1).
4. Type: CHX /D0/CMDS;CHD /D1
5. Type: ccl filename.c
6. The compiled program will be located in the commands (CMDS) directory unless you redirect it to another directory.

If too many compiled programs reside on the "C" compiler disk, linker errors can occur; therefore, it is preferred to redirect the compiled programs to another disk by using the -f option.
(i.e. ccl filename.c -f=/d1/filename)

(M BARNER, 01-7879)

MODEL 100 APPLICATIONS - WITH THE MICRO FLOPPY DISK DRIVE (26-3808)

To use the Micro Floppy Disk Drive with a Model 100 machine language program or Optional ROM you need to reset HIMEM for either the application or for "FLOPPY.CO", depending on which one you want to run at the time. Following are some load and go BASIC programs for the different packages.

To run "FLOPPY.CO" after any applications package run the following program:

10 CLEAR 256,59400
20 RUNM "FLOPPY.CO"

SAVE "DISKG0.BA"

(continued)



MODEL 100 APPLICATIONS - WITH THE MICRO FLOPPY DISK DRIVE (26-3808) (continued)

To run Interactive Solutions (26-3844), use the "INTSOL.BA" program.

To run Multiplan 100 (26-3844), add the following line to the "MP.BA" program if it is not already present:

5 CLEAR 256,MAXRAM

There is no problem in running SCRIPSIT 100 (26-3830), EXPENSE/GRAF PLUS (26-3837), and DATA/SORT PLUS (26-3838) with the Portable Drive, but the "CORTNS.BA" program, included with each of these programs will always have to be run from cassette.

To run Spectaculator (26-3828), use the following BASIC program:

**10 CLEAR 0,55000
20 RUNM "SP.CO"**

SAVE "SPGO.BA"

To run Data Manager - Tape Version (26-3836), use the following BASIC program:

For "FORM.CO" USE:

**10 CLEAR 0,53999
20 RUNM "FORM.CO"**

SAVE "FORMGO.BA"

For "DM.CO" USE:

**10 CLEAR 0,53999
20 RUNM "DM.CO"**

SAVE "DMGO.BA"

To run Project Scheduler (26-3843), use the following BASIC program:

**10 CLEAR 0,52299
20 RUNM "PS.CO"**

SAVE "PSGO.BA"

The following programs WILL NOT work with the Micro Floppy Disk Drive:

26-3839 Remote Disk
26-3840 Starblaze 100
26-3841 Data Manager - Disk Version

(C. RINEY, 01-7879)

TRSOS 6.2 UTILITIES (26-0315, 01.00.00) - WITH BASCOM (26-2218, 05.35.00)

The BSORT Routine under the TRSDOS Utilities will not work with BASCOM because internal storage of variables is different in each program. BSORT is only meant to work with the interpreter BASIC supplied with TRSDOS.

(R. BRUNER, 01-7879)



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MODEL III COBOL ACCOUNTING (1540 SERIES) - CREATING NEW BLANK DATA FILES

Several of the Model III COBOL Accounting packages include a program that will create new blank data files. Use the following procedure:

1. Place program disk in Drive 0.
2. Place blank formatted disk in Drive 1.
3. Type in the following command depending upon which package you are using:

GENERAL LEDGER	RUNCOBOL GLCONBLD/COB
ACCOUNTS PAYABLE	RUNCOBOL APCONBLD/COB - * see note
PAYROLL	RUNCOBOL PRCONBLD/COB - * see note
INVOICE WRITER	RUNCOBOL IWCONBLD/COB

4. When answering the program prompts, the password is "INSTALL" and 64 x 16 for screen size on Model III.

* Use the Setup disk with A/P and Payroll. A/P must be version 01.00 00 or the files must be converted with the A/P Conversion program on version 01.01 00

A ST 01 1979

INVOICE WRITER (26-1544) AND INVENTORY CONTROL (26-1545) - <F3> TOGGLE FUNCTION

If a customer reports a problem with the Toggle Function between Item-ID and Stock Number, do a directory listing and check the Modify Date on the INPUT/CMD module.

INPUT/CMD dated 6/24/83 will not permit the use of the <F3> Toggle. A module with this date should be replaced with a compatible module. The two versions of the INPUT/CMD module that permit the <F3> Toggle can be found on the Invoice Writer disk (Mod Date 10/13/83) and the W-2 Writer disk (Mod Date 12/13/83).

IC MLEH 01 1979

PROFILE III PLUS HD (26-1593) - RECORD CAPACITIES

The approximate record capacities for Profile III Plus HD with a 15 Meg Hard Drive (26-4155) are listed below. This is based on a maximum record length of 255 characters with just Profile and the operating system on the hard drive.

* OF SEGMENTS	* OF RECORDS
1	47,000
2	23,500
3	15,666
4	7,833

NOTE: These are only approximations. However, the maximum number of records it can handle is 65,536.



MODEL 4 SUPERSCRIPTSIT DICTIONARY (26-1600, 01.00.00) - NO EDITING POSSIBLE

User words CANNOT be edited once they have added to the word list. It is not possible to include an editing feature because of the limitation of RAM and disk space. Adding editing capabilities would further limit the size of the user-added list of words.

(R. EDWARDS, 01-7879)

MODEL 4 DESKMATE (26-1608, 01.00.00) - XON/XOFF WHEN USING TRSDOS 6.2

XON/XOFF on Model 4 DeskMate does not work correctly when receiving a file under TRSDOS 06.02.00. A quick fix is to run DeskMate using TRSDOS 06.02.01. The other way would be to copy the COM/DVR file from 06.02.01 to the DeskMate program disk. To do this, insert a copy of 06.02.01 in drive 0 and the DeskMate program disk in drive 1. Then type:

COPY COM/DVR.UTILITY:0 :1

Then you are ready to go.

(JIM DEITCH, STORE #10-1546)

PROFILE 4 PLUS (26-1635, 01.00.00) - APPENDING DATA FILES TOGETHER

There is a way to combine Profile 4 Plus data files together. It can be done as follows:

At TRSDOS Ready, type:

```
append file1/key to file2/key <ENTER>
append file1/da2 to file2/da2 <ENTER>
append file1/dat to file2/dat <ENTER>
append file1/da3 to file2/da3 <ENTER>
```

NOTE: The formats of file1 and file2 MUST be identical.

(P. NGUYEN, 01-7879)

PROFILE III TO 4+ UPGRADE (700-6211) - INSTANT PROFILE BOOKLET

The Profile III to Profile 4 Plus upgrade manual references the "Instant Profile" booklet (pages i, 1, 3). This booklet is included with Profile 4 Plus (26-1635) for first-time users of Profile. It is assumed that anyone upgrading from Profile III is familiar with the basic features of Profile and therefore "Instant Profile" was not included with the upgrade package. In the upgrade there is a reference section which documents the differences between the two packages and the sample file.

(V. SCEARSE, 01-7879)



TANDY 1000 BASIC (700-2604, 01.01.00) - CHANGES MADE FOR MORE COMPATIBILITY

In order to be more compatible with other MS-DOS computer manufacturers, the key assignments implemented in Tandy 1000's BASIC have changed. They are:

F1 through F10	= numbers 1 through 10
Up Arrow	= number 11
Left Arrow	= number 12
Right Arrow	= number 13
Down Arrow	= number 14
F11	= number 21
F12	= number 22

NOTE: The documentation is being changed per SPR #1000-49.

(D. A. CONN, 01-7879)

TANDY 1000 BASIC (700-2604, 01.01.00) - IMPROVED IBM COMPATIBILITY

If you are in screen 0 and exit to system, BASIC for the 1000 will not clear the screen. This was done to make BASIC more compatible with IBM BASIC.

(S. NIMR, 01-7879)

TANDY 1000 MS-DOS - COMMAND.COM FILE IN A SUBDIRECTORY

On a Tandy 1000, FORMAT only searches the root directory for command.com. If you have your command.com file in a subdirectory on a Tandy 1000 you will get the "INSERT DOS DISK IN DRIVE" message when you try to format with the /s option.

(S. NIMR, 01-7879)

TANDY 1000 "A" MS-DOS 02.11.22 (700-2604) - BEEP ON/OFF FUNCTIONS

The new 1000A and version 2.11.22 MS-DOS "SOUND" and "BEEP" commands are not working properly.

The SOUND command fails to work when you enter "BASIC"; SOUND xx,xx will produce nothing out the speaker. If you enter "BEEP OFF", then sound will work. The reverse is also true, "BEEP ON" will turn it off.

The following is an addendum (875-9379) included with the new copies of 2.11.22 MS-DOS. It outlines how to patch the BASIC to reverse...BEEP ON -><- BEEP OFF.

(continued)



TANDY 1000"A" MS-DOS 02.11.22 (700-2604) - BEEP ON/OFF FUNCTIONS (continued)

Addendum for
TANDY 1000 GW-BASIC 2.02 (Tandy Version 01.01.00)
On Tandy 1000 MS-DOS Version 02.11.22
(Cat. No. 25-1000)

In this version of BASIC, the BEEP ON/OFF functions operate opposite to the way they are described in your Tandy 1000 BASIC Reference Manual (Cat. No. 25-1502). BEEP ON turns off the internal sound function, and BEEP OFF turns on the internal sound function.

If you wish to correct BASIC so that it functions exactly as described in the BASIC Reference Manual, perform the following steps on a backup copy of your MS-DOS diskette which contains TANDY 1000 GW-BASIC 2.02 (Tandy Version 01.01.00). Tandy Version 01.01.01 already has this patch applied.

1. Rename BASIC.EXE to BASIC.TMP by typing: A>RENAME BASIC.EXE BASIC.TMP
2. Debug the file BASIC.TMP by typing: A>DEBUG BASIC.TMP
3. Apply the patch as follows: -E 6AA9 74
4. Write the patched file: -W
5. Quit the DEBUG program: -Q
6. Rename BASIC.TMP back to BASIC.EXE: A>RENAME BASIC.TMP BASIC.EXE

The file BASIC.EXE is now patched so that the BEEP command performs as described in your BASIC Reference Manual

TANDY 1000 RS-232C OPTION BOARD (25-1006) - WITH INTERNAL MODEM BOARDS

Many customers have been experiencing problems using a Tandy RS-232C Option Board and an internal modem (25-1003 or 25-1013). Both can not be designated as "COM1"; therefore, a jumper on the RS-232C Board must be moved to change that card to "COM2". The E1-E2-E3 jumper is above the crystal when the DB-25 connector is facing left and the Tandy logo is right side up. When jumpered E2 to E3, the card is "COM1", when E1 to E2, it is "COM2".

(D SWEIGERT, 01-7879)

TANDY 1000 PFS:WRITE (25-1142, 01.00.00) - APPENDING DOCUMENTS

On page 7-15 of the PFS:Write Manual, it says you can append a document at the cursor position. If you are in the middle of a line and you use <F9> to append a document at that cursor position it drops that line down and inserts the text before it. The vendor states that this is a standard program operation. At this time, there are no plans to change it.

(R MOORE, 01-7879)



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LOTUS 1-2-3 (25-1145, 01.00.00) - TIPS ON MACROS

MACRO - Stored sequence of keystrokes

The purpose of Keystroke Macros in Lotus 1-2-3 is to reduce the redundancy of keystrokes in executing common commands. An example of this is saving the present worksheet to disk.

1. Perform the procedure manually, noting every step.
2. On the worksheet that you are saving, find an empty cell for use in storing your macro.
3. Enter the macro (keystrokes) as a label. For example:

'/FS:filename"R - where ' starts the label & " = <ENTER>

4. Name the macro using the /Range Name Create command and assign it a name using the backslash and a letter. For example:

\a

5. To execute the macro just type <ALT> <A> and watch the macro work.

NOTE: Each macro is saved per worksheet and letter combinations are different for each worksheet.

(R. EDWARDS, 01-7879)

UPDATE INDEX - 1985

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