T&D

T & D SUBSCRIPTION SOFTWARE

File Name	English Name	PMODE	PCLEAR	LOCATIONS CTR-80A	CCR-81
ACCNTPAY	Accounts Payable	0	1	049-296	23-234
PRNTGRPH	Printer & Screen	0	1	65-308	36-250
SIMON	Simon	0	1	89-321	50-268
PANLHELP	Paneling Helper	0	1	103-330	59-279
MULTICAK	Multi-Cakes	3	4	112-340	66-290
CAR RACE	Car Race	0	1	128-346	76-302
ELECTR 1	Electronics 1	3	4	190-382	129-370
BATLTANK	Battle Tank	4	6	215-405	147-402
DISKVERF	Diskette Verify	0	1	254-444	188-461
WEIRDO	Weirdo	3	4	265-465	197-469

DISK USERS: Insert disk and turn 'DIR'. CASSETTE TAPE USERS: Rewind tape. Zero the tape counter. Fast Forward to desired program's tape counter number and enter 'CLOAD' or 'CLOADM' on the keyboard. When you see the file name that is listed in the PMODE and PCLEAR values from the keyboard. We try to put as many duplicates of the program as possible. If the first copy does not load, try the second copy, or if it has one, the third. If you cannot get the tape or disk to load the programs properly, then send it back for a prompt replacement.

Welcome to our 58th issue. Last month our program Spread Sheet had a bug in it. It would not allow you to do multiple computations. To remedy this problem simply change line 541 to read: 565 N=TB(ASC(N$)-64,XL) and change line 545 so that it will read: 545 O=TB(ASC(O$)-64,YL)

1. **ACCOUNTS PAYABLE** - If you own a small business or run a very busy household, then this accounts payable program may help you organize your bills. This program uses a menu structure and is is very easy to use. This program requires disk and 32k.

2. **PRINTER & SCREEN GRAPHICS** - This program prints out five different pictures to your printer and plays 5 songs. For those without a printer, you may choose the Screen option. This will draw the picture on the PMODE4 hi-res screen. The printer pictures are such that they may be reproduced on most any printer regardless of brand-name.

3. **SIMON** - This program is similar to the popular electronics game. Test and sharpen your memory skills.

4. **PANELING HELPER** - If you are about to remodel, consider paneling. This program can help you analyze the dimensions of your room. Then, given the paneling sheet size, the program calculates the amount of paneling needed to complete the job neatly and efficiently.

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5. MULTI-CAKES - This educational program uses graphics to help teach and drill the fundamentals of simple multiplication. Problems are presented to the user in a word, number, and graphic format.

6. CAR RACE - This interesting game challenges you to correctly weave in and out of moving traffic while managing to stay on the road. This program is composed of 4 separate files: 1) The loader "CAR RACE" 2) Extra file #1 "FILE 1" 3) Extra file #2 "FILE 2" 4) The main program "CAR MAIN"
Extra files 1 and 2 contain machine language and graphic data information. To save File 1, Enter CSAVEM "FILE 1",15963,20163,15963. To save File 2, Enter CSAVEM "FILE 2",15866,29433,15866. This program controls the car with the right joystick.

7. ELECTRONICS 1 - This is the introductory program to our new series on Electricity & Electronics. This program was kept very short so that it would run in 16K. Future installments of this series will probably be 32k since the hi-resolution graphics are used by this series. This program will list for you the 51 concepts we will examine. Keep in mind that along the way, many electronic circuits will be presented and explained. Some of these circuits may even be useful as electronic projects for you. The parts for these circuits will be readily available at Radio Shack, just in case you want to wire it up. An extra file "ELMOD" follows the main program. This is a binary machine language graphics file. To copy it, enter (C)SAVEM"ELMOD",11500,16383,11500.

Note: The remaining programs are machine language programs. Tape users must enter CLOADM instead of CLOAD and EXEC instead of RUN.

8. BATTLE TANK - Battle tank is an excellent adaption of the popular arcade game. Enjoy spectacular three-dimensional graphics and movement. You control a tank on the battle field. You mission is to search out and destroy the enemy tanks before they get you. Some tanks are slow and easy. Others are fast and very difficult to hit. Use the joystick to control your movement. To run this program, 1) (C)LOADM"BATLTANK" <enter> 2) EXEC <enter>
To save this program, enter (C)SAVEM "BATLTANK",8500,26625,12288. A hint: To avoid getting hit by super tanks, it may help to hide behind obstacles.

9. DISKETTE VERIFY - This machine language utility can perform 2 different tests on a suspected bad diskette. If you do a lot of disk-back-ups, then you may need sometime to test the backups being made. To load and run this program: 1) (C)LOADM"DISKVERF" <enter> 2) EXEC <enter>. To save this program, enter (C)SAVEM "DISKVERF",10000,11999,10000.

10. WEIRDO - Use the right joystick to move Weirdo (starts in the center of the play area) and avoid or destroy alien creatures. The are two of each type of creature. To destroy them, press the fire button and blast a creature. This will cause it to temporarily freeze and vibrate. While it is frozen, shoot it's mate to destroy both creatures. Destroy all creatures to advance to the next round. You receive 75 points multiplied by the round number for each pair destroyed. After Weirdo shape is awarded at 10,000 points. Press <P> to pause or <Break> to abort a game in progress. To run Weirdo 1) (C)LOADM"WEIRDO" 2) EXEC. To save, Enter (C)SAVEM "WEIRDO",12864,17999,12864.

On issue #48 we published a program called Multi Copy. We have enclosed a revised version of Multi-copy. Multi-copy is a very fast multi-drive disk backup utility. The version we produced earlier was compatible only with Disk Basic 1.0 Roms. Because the early version only ran on basic 1.0, many people who bought the newer Disk controllers which contain Basic rom 1.1 could not use the program.
This version is compatible with Disk Basic 1.1 Roms only.
So, if you have a newer disk controller with disk basic 1.1, then this program is the fix you've been waiting for.

If you have any problem loading the programs try changing the volume on your tape recorder. If you have any questions, problems, solutions or chatter, please write to us. If you have any uncopyrighted programs that you want to show us, we will be glad to see them. Send them in and if we like them, we will make you an offer.

                         Until next month.............................