

commodore

INPUT OUTPUT

COMMODORE WORLD USER GROUP NEWSLETTER #2



Members from San Francisco area user groups shared in the operation of the Commodore booth.

Commodore Supports User Group Show in San Francisco

Over 5000 Commodore computer users attended the Commodore Show in San Francisco's Cathedral Hill Hotel February 9/10. Sponsored by the West Coast Commodore Association, Inc., the show included over 50 exhibitors and a variety of guest speakers.

Commodore introduced its new user group support program and demonstrated the new 128 Personal Computer. The lecture program included many prominent authors including David Malmberg, Jim Butterfield, and Dr. Richard Immers. Also contributing were various software and hardware developers, including Eliot Dahan of Mimic Systems, Leslie Larson of PFS, Bill Holt of Broderbund, and Len Lindsay and Colin Thompson of US COMAL Users Group Ltd.

Commodore's new user group support program, *Commodore World*, was received with considerable interest and great anticipation.

Upon attaining approved Commodore User Group status, member groups will receive posters, newsletters, brochures, access to the latest information from Commodore via telecommunications, and many other benefits. Generally, all groups that are organized as not-for-profit and support the copyright infringement laws are eligible for approved status at no cost. More details, including the start-up kit, are available by writing to Commodore's User Group Coordinator, 1200 Wilson Dr., West Chester, PA 19380.

Commodore's User Group Coordinator Pete Baczor and Technical Editor Jim Gracely opened the show

with the latest news from Commodore including a demonstration of the new Commodore 128 Personal Computer. The Commodore 128 is especially attractive because of its compatibility with all Commodore 64 software and peripherals (1541 disk drive, datassette, 1701/2 monitors, printers, joysticks, etc.). The 128 has three configurations — Commodore 64, 128K BASIC machine, and CP/M Z80A — and two screen modes, 40 column and 80 column.

In addition, the new 1571 disk drive (1541 compatible) and 1902 RGBI-NTSC monitor were demonstrated. These two peripherals will be available soon after the Commodore 128 is shipped. Planned for later delivery are the 1572 dual disk drive and the 128 mouse controller.

Specifications for the 128 Personal Computer and 1571 are on page 12. For a comprehensive review of the 128, see the April issue of *Commodore Microcomputers* magazine.

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Commodore Establishes Authorized Service Centers

Commodore has established over 400 authorized service and parts centers in the United States and Puerto Rico. This will be expanded to over 1000 outlets within a year. Your Commodore equipment can now be taken to many RCA service centers as well as independent dealers for repairs. Because of the local service network, the exchange program through Commodore has been discontinued. See the enclosed insert for a complete listing of service centers by state. As new centers become available, they will be announced in *Commodore INPUT/OUTPUT*.

Editorial

The objective of the Commodore INPUT/OUTPUT newsletter is to provide a cross communication medium for all Commodore user groups and their members. As this periodical evolves, the greatest portion will come from you. In order to maintain a smooth and orderly production on a monthly basis, all articles must be submitted on 1541 disk format using EasyScript. Include program listings on the same disk. Use REM statements to identify any graphic characters but do not include any special embedded printer codes. Any relevant photographs should be attached and will be considered for publication.

If your user group is involved with any unusual computer usage, television or radio productions or charity function, please let us know. We are looking for articles of interest on Commodore products or user group activities. Do you have any specific questions about any product? If we don't have the answer, another user might!

Please send all newsletter items to:
 Commodore Business Machines
 1200 Wilson Drive
 West Chester, PA 19380
 Attn: Editor, Commodore INPUT/OUTPUT

Letters to the Editor

Dear Editor:

We would like permission to include your Commodore logo in our logo.
 Castle Commodores CC

We are organizing a new computer club and hope to call it the Commodore Computer Club. Could we use your logo within two larger C's?
 H.K. Jr. & S.H.

Ed: The use of the Commodore logo must be restricted to legally protect it. A logo which is allowed to be freely used will lose its uniqueness and become public domain. Commodore as a corporation is legally bound to limit the use of its logo to officially represent Commodore Business Machines, Inc. Therefore, we cannot allow user groups to use the logo (or any variation) in their group name or newsletter title. Any group presently doing so should stop using the Commodore logo. If you have any questions, please contact Commodore's legal department at: 215-431-9100.

Dear Editor:

Where can I obtain schematics and repair information for Commodore equipment?

Ed: The following Commodore service manuals are available from Commodore's Service Department. Price includes postage and future revisions.

Service Manual	Part Number	Price
C-64 Computer <small>(with Commodore Computerfacts)</small>	314001-02	\$20.00
C-16 Computer	314001-03	\$15.00
Plus/4 Computer	314001-04	\$15.00
B 128 Computer	314010-06	\$15.00
1540/1 Disk Drive	314002-01	\$20.00
1530/1 Datassette	314002-02	\$10.00
1526/4023 Printer	314003-03	\$20.00
MPS 801 Printer	314003-04	\$20.00
1701/2 Monitor	314004-01	\$20.00

Order from: Commodore Business Machines, Inc.
 C-2654
 West Chester, PA 19380
 Attn: User Group Service

Howard Sams, Inc. (publisher of the C64 Programmer's Reference Guide) has published their famous COMPUTERFACTS for several Commodore computers and peripheral equipment as well as the new book, *Commodore 64 Troubleshooting & Repair Guide*, #22363. These include:

Commodore 64	# CC4	08906
Plus/4	# CC9	08926
VIC 20	# CC3	08903
Commodore 16	# CC8	08930
1525 Printer	# CP4	08928
1541 Disk Drive	# CD4	08927
Monitor 1701	# CMT7	08932



The COMPUTERFACTS retail at \$19.95 and the book retails at \$18.95. These can be ordered by user group members at a 25% discount (\$14.97 and \$14.22, respectively), through May 15, 1985, by calling 1-800-428-SAMS, Operator 107 or writing to:

Commodore Special
 Howard W. Sams & Co., Inc.
 P.O. Box 7092, Indianapolis, IN 46206

Letters continued on page 13

Creating A Club Newsletter

[Excerpts from August 1984 Power/Play article by Walt Lounsbury of the Witchita Commodore User Group.]

The user newsletter is your group's contact with all the members and the outside world. As with all your activities it demands good planning and should reflect professionalism.

The Editor

The best way to start a newsletter is simply to do one page. Add pages as people start to contribute and before long there will be plenty of food for thought in every issue. One person must be assigned the responsibility for the newsletter. The Editor should collect articles, edit them, layout the format, have it printed, and insure they are mailed. Initially he may have to write the entire newsletter. As the group and issue grows, the editor may assign specific duties to other members.

The First Issue

Even though starting a newsletter can be nerve-racking, the first issue can be incredibly easy to assemble. It should have the bare minimum club news, such as the meeting schedule, a map showing the meeting location, minutes of the previous meeting and the names of the club officers and how they may be contacted. Include requests for members to submit articles and advice. Consider space for an address label on the back if you do not use envelopes.

Getting Articles

As editor, remember Peter's Proposal: "Anything worth doing is worth getting someone else to do." Each of the club officers probably have something to say about their responsibilities. The president always needs help for future meetings, programs, or tutorials. The secretary has minutes to publish. The librarian needs more programs. The membership official wants to flaunt the names of new members. The treasurer reports the financial standing. Contact other user groups for ideas. You might wish to share one of their articles in your newsletter (be sure you obtain permission).

Suggested Topics

Club officers' names and telephone numbers, contents, officer messages, editor's notes, meeting schedule, meeting location instructions, program library access, news and rumors, new products, club classified, product reviews, tutorials, program of the month, hardware construction, modem talk, cartoons and sketches.

Newsletter Expenses

The newsletter can be the single greatest expense for a club and often the main reason for collecting dues. Minimize postal and production costs by using both sides of a standard 8½ x 11 paper and limit the newsletter to seven sheets (one ounce). When circulation exceeds 100 consider the benefits of bulk mail (half the price for three times the size). If your group is very large it may be profitable to consider incorporating as a nonprofit venture and utilize the nonprofit postal bulk rate (another one half). See your local Post Office for details.

Layout Design

Set margins to three-fourths inch on the left and half inch on the right, top, and bottom. Use larger left margins for ring binders. Consider a photocopy reduction step to compact more per page. The most efficient and legible line length is about 40 characters or two-column format. Maintain a minimum three-eighths inch between columns. Use filler material where necessary. It can be short articles or graphic material including pictures, pin striping, cartoons, etc. See your local office supply store for dry transfer sheets.

Print Production

The most inexpensive method for the single-page issue is the photocopy. For large quantities and sizes you might consider your local printshop. Send out request for bids to several printers to obtain the best rate. Your request must include the number of issues, pages per issue, type of printing process, anticipated growth, and collecting and stapling requirements.

Commodore World

Commodore World would appreciate being on your data base to receive issues.

Product Specifications

The Commodore 128

Three configurations — C64, 128, and CP/M. Two modes — 40 and 80 column. Software and hardware selectable. (Defaults to 128 configuration, unless a C64 cartridge or CP/M disk is in place). Eight Function keys, Six cursor keys, numeric keypad and HELP key.

64 Configuration:

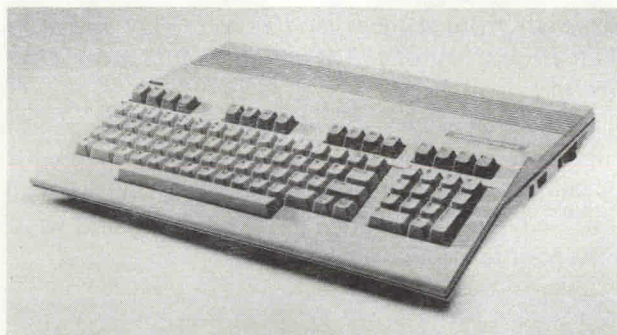
- 8502 Microprocessor (6502 compatible)
- 6581 SID chip: audio output
- VIC II chip: composite video with separate chroma/luma output
- 64K of RAM (38K available in BASIC)
- 16K ROM: standard kernals
- BASIC 2.0
- 40 columns by 25 lines
- 16 colors
- 8 sprites
- Software: compatible with all C64 software: disk, cassette, or cartridge
- Peripherals: all C64 accessories, 1571 disk drive, 1902 RGBI monitor in composite mode

128 Configuration:

- 8502 Microprocessor (6502 compatible)
- 6581 SID chip
- VIC II chip: composite video with separate chroma/luma output (40-column)
- 8563 video chip: RGBI and monochrome output (80-column)
- 128K of RAM (expandable to 512K with RAM disk)
- 122K BASIC RAM available
- 48K ROM
- BASIC 7.0 with 148 commands and functions
- 1 or 2 MHz system clock
- 80 columns by 25 lines or 40 by 25
- 16 colors
- 8 sprites (40-column mode only)
- Numeric/definable keypad
- Built-in machine language monitor
- Peripherals: all C64 components, 1571/2 disk drives, 1901 monochrome and 1902 RGBI monitors

CP/M Configuration:

- Z80A Microprocessor
- 6581 SID chip
- VIC II chip: composite video with separate chroma/luma output (40-column)
- 8 sprites (40-column mode only)
- 8563 video chip: RGBI and monochrome output (80-column)
- 128K of RAM (expandable to 512K with RAM disk)
- CP/M Plus, Version 3.0
- 80 columns by 25 lines or 40 by 25
- 16 colors
- Numeric keypad
- Software presently available: ©CP/M WordStar,



dBase II, Perfect Writer, Perfect Calc, Perfect Filer

Peripherals: 1571/2 disk drives, 1901 monochrome and 1902 RGBI monitors

The 1571 Disk Drive

Commodore 1541, 2031 and 4040 compatible and CP/M compatible (MFM-IBM System 34):
 5¼" Floppies
 Format selectable
 6502 microprocessor
 2K RAM
 32K ROM
 Built-in DOS

GCR Format

Media: Single sided (C64)
 Double sided (C128)
 Double density

Capacity: 340K formatted

Standard serial speed: 300 cps

Fast serial speed: 5200 cps (128 configuration)

Computer compatibility: Commodore 128, C64, Plus/4, C16, SX64

MFM Format

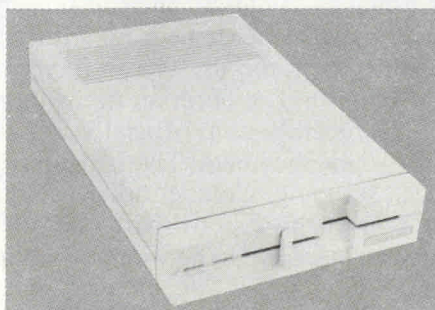
Media: Double sided
 Double density

Capacity: 410K formatted

Variable sector size and sectors per track

Maximum Speed: 5200 cps

Computer compatibility: Kaypro, Osborne, IBM Ver 1, IBM Ver 2, IBM CP/M 86, etc.



Commodore Authorized Service Centers

ALABAMA

TRISYS
700 PARKLANC NO
JASPER AL 35501
205-221-5210

MELS PHOTO & COMPUTER
546 E PATTON AVE
MONTGOMERY AL 36111
205-288-6220

THE COMPUTER STORE
MIDWAY PLAZA
OPELIKA AL 36801
205-749-6166

RCA
131 EASTDALE RD SOUTH
MONTGOMERY AL 36117
205-277-9440

RCA
55 MIDTOWN PARK EAST
MOBILE AL 36606
205-478-8405

RCA
321 SNOW DRIVE
BIRMINGHAM AL 35209
205-945-8040

ARKANSAS

SIS INC
BX1430, 2201 WASH AVE
CONWAY AR 72032
501-327-1375

ARKANSAS COMPUTER SERVICE
BOX 55010
LITTLE ROCK AR 72225
501-666-2075

DEAN COMPUTERS
9601 ROGERS AV
FORT SMITH AR 72903
501-785-4161

COMPUTER HORIZONS
3631 E INDIAN SCHOOL RD
PHOENIX AR 85018
602-957-7369

RCA
6320 SCOTT HAMILTON DR
LITTLE ROCK AR 72209
501-565-1505

ARIZONA

DJ's ELECTRONICS
5441 E PIMA
TUCSON AZ 85712
602-323-9800

DIGITAL 1/Q INC
2432 W PEORIA # 1023
PHOENIX AZ 85029
602-944-4445

SASCOA
1745 W BETHANY HOME RD
PHOENIX AZ 85015
602-249-0909

SASCOA
1401 N SCOTTSDALE RD
SCOTTSDALE AZ 85357
602-941-0191

SASCOA
9869 METRO PKWY WEST
PHOENIX AZ 85020
602-943-2986

SASCOA
18078 N. CENTRAL AV
PHOENIX AZ 85004
602-258-4180

RCA
810 EAST 47TH ST
TUCSON AZ 85713
602-881-6969

RCA
4415 S 32ND ST
PHOENIX AZ 85040
602-243-3011

CALIFORNIA

TERNES DR IN OFFICE EQ
110 LIBERTY
PETALUMA CA 94952
707-762-3556

RONALD R SCHWENK
8040 D GREENBACK LANE
CITRUS HEIGHTS CA 95610
916-969-4111

FRS INC
1101 NATIONAL DR
SACRAMENTO CA 95834
916-920-1107

OMNI COMPUTER SERVICE
1288 PALMETTO AVE
CHICO CA 95926
916-893-3458

TONY TRENTACOSTA SER
10304 ROSECRANS AVE
BELLFLOWER CA 90706
213-925-6080

SUNRISE ELECTRONICS INC
10439 LOS ALAMITOS BLVD
LOS ALAMITOS CA 90720
213-424-8525

SERVICE LAND INC
2630 TOWNSGATE RD #F
WESTLAKE VILLAGE CA 91361
805-495-8045

ELECTRONIC SERVICE CENTER
11069 WARNER
FOUNTAIN VALLEY CA 92708

COMPUTER JUNCTION INC
15000 SEVENTH ST # 214
VICTORVILLE CA 92392
619-245-3622

THE COMPUTER ROOM
230 MT. HERMON ST 210/212
SCOTTS VALLEY CA 95066
408-438-5002

TAD ELECTRONIC SERVICE
45117 N 13TH ST W
LANCASTER CA 93534
619-373-2270

MICRO COMTECH INC
PO BOX 4269
CHATSWORTH CA 91313
818-704-4757

DES COMPUTER REPAIR CO
8315 FIRESTONE BLVD
DOWNEY CA 90241
213-923-9361

CSB INC
1049 CAMINO DEL MAR
DEL MAR CA 92014
619-755-2724

COMPUTER SUPPORT OF CALIF
52 S LINDEN AVE
SOUTH SAN FRANCISCO CA 94080
415-589-9800

COMPU PHONE FUTURE CENTER
3066 EL CAJON BLVD
SAN DIEGO CA 92104
619-282-6678

CALCO COMPUTER INC
PO BOX 2147
OCEANSIDE CA 92054
805-584-0245

DUWAYNE INDUSTRIES
1100 B. PLEASANT VALL. DR
PLEASANT HILL CA 94523
415-932-4373

DISCOUNT COMPUTER STATION
2254 PACIFIC AV
LONG BEACH CA 90806
213-595-0899

THE COMPUTER ROOM
230 MT. HERMON ST 210/212
SCOTTS VALLEY CA 95066
408-438-5061

CENTURY COMPUTER SYSTEMS
1050-A E WHITTIER BLVD
LA HABRA CA 90631
213-697-6977

THE BYTE BROKERS INC
51110 COLLEGE OAK DR
SACRAMENTO CA 95841
916-334-2983

RCA
13804 SHOEMAKER
NORWALK CA 90650
213-921-4361

RCA
126 MAPLE AVE
MONROVIA CA 91016
818-357-7951, 714-790-5163

RCA
110 COMMERCE CIR
SACRAMENTO CA 95815
916-922-8836

RCA
8724 REMMET AV.
CANOGA PARK CA 91304
805-495-9510, 818-341-7460

RCA
230 HARRISON AV.
CAMPBELL CA 95009
408-374-0350

RCA
2421 O STREET
BAKERSFIELD CA 93301
805-325-7227

RCA
3676 N. VALENTINE
FRESNO CA 93711
209-226-6200

RCA
2530 E LA CADENA
RIVERSIDE CA 92507
714-686-9850

RCA
9240 CLAIREMONT MESA BVD
SAN DIEGO CA 92123
619-279-6100

RCA
8470 ENTERPRISE WAY
OAKLAND CA 94621
415-635-4600

RCA
8192 BEACON ST
S. SAN FRANCISCO CA 94080
415-761-2888

RCA
433 ALASKA AV
TORRANCE CA 90503
213-635-7151

RCA
911 N. ORANGE DR.
HOLLYWOOD CA 90038
213-851-0700

RCA
1601 E EDINGER
SANTA ANA CA 92705
714-835-0300

COLORADO

CONTRACT TV REPAIR NORTH
3706 N 72ND AVE
WESTMINSTER CO 80030
303-427-5561

DEANS ELECTRONICS SERVICE
PO BOX 651
GRANBY CO 80446
303-887-2744

A B & K SERVICES INC
1459 S PEARL ST
DENVER CO 80210
303-777-4408

MICRO DOCTOR
1655 CENTRAL ST
DENVER CO 80211
303-458-6713

SASCOA
5403 W. 88TH AV
WESTMINSTER CO 80030
303-427-6006

SASCOA
1050 S. WADSWORTH BLVD
LAKEWOOD CO 80226
303-936-7333

RCA
1636 W 46TH AVE
DENVER CO 60216
303-433-8711

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SALES & SERVICE CORP
1515 BLACK ROCK TURNPIKE
FAIRFIELD CT 06430
203-579-4552

NEW HAVEN APPLIANCE
1627 DIXWELL AVE
HAMDEN CT 06514
203-288-6229

PETZOLDS ELECTRONICS INC
252 BANK ST
SEYMOR CT 06483
203-888-0170

MULTI BUSINESS COMP SYS
28 MARLBOROUGH ST
PORTLAND CT 06480
203-342-2747

J R B ENTERPRISES INC
RTE 12 BOX 365C
LISBON CT 06351
203-376-0553

CONN. APPLIANCE SERVICE
835 WOLCOTT ST
WATERBURY CT 06705
203-756-4417

ACADEMY ELECTRONICS
685 NORTH MAIN ST
NORWICH CT 06360
203-887-0595

ACOUSTIC CREATION
150 SANDBANK RD
CHESHIRE CT 06410
203-272-2755

SASCOA
501 POST RD. EAST
WESTPORT CT 06880
203-227-7291

RCA
5 FRONTAGE RD
WEST HAVEN CT 06516
203-934-2673, 575-1215

RCA
562 MIN AVE
NORWALK CT 06850
203-846-1693

RCA
270 BREWER ST
EAST HARTFORD CT 06118
203-246-6501

DELAWARE

RCA
79 CHRISTIANA RD RT 273
NEW CASTLE DE 19720
302-322-0192

FLORIDA

RANDOM ACCESS COMPUTERS
296 N ELGIN PKWY
FT WALTON BEACH FL 32548
904-837-7201

NEW AGE ELECTRONICS
2311 28TH NORTH
ST PETERSBURG FL 33713
813-323-8389

LA PERES COMPUTER CLINIC
RT 5 BOX 35A BAIN RD
FT MYERS FL 33908
813-482-6077

ORANGE COMPUTER CORP
2545 S NASHVILLE ST
ORLANDO FL 32805
305-841-1865

AUTHORIZED TV SERVICE INC
605 6TH ST SE
WINTER HAVEN FL 33880
813-294-1522

NATIONAL BUSINESS MACHINE
231 S FLA AVE, BX1390
DELAND FL 32721
904-736-1122

MICRO DATA SYSTEMS
2428 E ROBINSON ST
ORLANDO FL 32083
305-896-6797

CREATIVE EQUIPMENT
6864 W. FLAGER ST
MIAMI FL 33144
305-261-7866

COMPUTER SPECIALTIES
P.O. BOX 1718
MELBOURNE FL 32901
305-725-6574

COMPUTER DR OF PENSACOLA
3838 N DAVIS HWY
PENSACOLA FL 32503
904-432-2112

COMPUSEAL
396 KENTUCKY AVE BX832
CRYSTAL BEACH FL 33523
813-785-7178

B & G ELECTRONICS
PO BOX 818
EATON PARK FL 33840
813-665-8297

RCA
8130 BAYBERRY RD
JACKSONVILLE FL 32216
904-731-5880

RCA
8601 SW 129TH TERRACE
MIAMI FL 33169
305-233-0420

RCA
015700 NW 7TH AVE
MIAMI FL 33169
305-685-7251, 463-0370

RCA
6076 CLARK CENTER RD
SARASOTA FL 33583
813-921-4422

RCA
5771 NE 14TH AVE
FT LAUDERDALE FL 33334
305-772-1770

RCA
5807 BRECKENRIDGE PKWAY
TAMPA FL 33610
813-626-1468

RCA
714100 66TH ST N
LARGO FL 33541
305-536-3541, 229-9387

RCA
2636 OLD OKEECHOBEE RD
W PALM BEACH FL 33409
305-686-1150

RCA
4490 35TH ST SW
ORLANDO FL 32811
305-841-3773

RCA
3445 N US 1
COCOA FL 32922
305-631-5620

GEORGIA

ATHENS MICROCOMPUTERS
2173 W BROAD ST
ATHENS CA 30606
404-549-0337

GEORGIA SERVICE CENTER
5366 BUFORD HIGHWAY
ATLANTA GA 30340
404-455-1738

COMPUTER SYSTEMS
1801 WYNNNTON RD
COLUMBUS GA 31906
404-324-7000

ACOM CORPORATION
3482 OAKCLIFF
DORAVILLE GA 30340
404-451-8455

CIRCUIT CITY SERVICE
1241 MORROW INDUSTRIAL BV
MORROW GA 30260

CIRCUIT CITY SERVICE
5495 JIMMY CARTER BLVD
NORCROSS GA 30093

CIRCUIT CITY SERVICE
1968 COBB PKWY
SMYRNA GA 30080

CIRCUIT CITY SERVICE
2569 N. ARBOR TRAIL
MARIETTA GA 30066

RCA
1909 MT'N INDUSTRIAL BLVD
TUCKER GA 30084
404-939-7812

RCA
2132 JACKSON PARWAY NW
ATLANTA GA 30318
404-799-8531

RCA
5997 PEACHTREE RD
ATLANTA GA 30341
404-458-9902

RCA
6724 WHITE BLUFF RD
SAVANNAH GA 31406
912-523-1155

HAWAII

OTSUKA SALES & SERVICE
1620 KUHIO HWY BOX 1180
KAPAA HI 96746
808-822-7766

LOGICAL DATA SYSTEMS INC
1136 UNION MALL #103
HONOLULU HI 96813
808-526-1196

IOWA

GRONERT COMPUTERS LTD
4505 FOREST AVE
DES MOINES IA 50301
318-443-5133

RCA
2230 HICHMAN RD
DES MOINES IA 50310
515-274-3632

ILLINOIS

SOUND CLINC & VIDEO LAB
3840 BROADWAY
ROCKFORD IL 61108
815-398-0560

SANDWICH OFFICE SUPPLY
48 E RAILROAD ST
SANDWICH IL 60548
815-786-9820

KENS ELECTRONICS
1507 E MOSSEVILLE RD RT 4
PEORIA IL 61615
309-579-2656

CENTRAL SERVICE CO
1920 W PETERSON AVE
CHICAGO IL 60660
312-338-6000

O'ROURKE BROS DIS
1909 5TH AVE
MOLINE IL 61265
309-762-7936

REX SERVICE CO
6610 W 11th STREET
WORTH, IL 60482
312-448-5558

RBT C APPEL DBA B A BUS
150 HOUSTON ST
BATAUIA IL 60510
312-879-2350

KEYBOARD STUDIO
304 N MAPLE #203
URBANA IL 61801
217-328-3975

DIGITALWORLD
711 ARMY TRAIL RD
ADDISON IL 60101
312-628-9222

RCA
3020 FOREST VIEW RD
ROCKFORD IL 61109
815-397-0242

RCA
906 W. DETWEILLER DR.
PEORIA IL 61615
309-691-7515

RCA
1536 BROOK DR.
DOWNERS GROVE IL 60515
312-620-6500

RCA
20 E UNIVERSITY
ARLINGTON HTS IL 60004

RCA
12636 S SPRINGFIELD AVE
ALSIP IL 60658
312-925-6000

RCA
75000 N OAK PARK AVE
NILES IL 60648
312-777-9400

INDIANA

DELTA I MANAGEMENT SERV
401 HOWE RD
PORTER IN 46304
219-926-3619

COMPUTER SERVICE
808 WILLIAMSBURG DR
KOKOMO IN 46902
317-453-1924

RCA
1120 DIAMOND AV
EVANSVILLE IN 47711
812-425-3597

RCA
1551 E 89TH AV
MERRILLVILLE IN 46410
219-769-1264

RCA
1624 LICOLN WAY E
SOUTH BEND IN 46613
219-236-1512

RCA
1551 E 89TH AV
MERRILLVILLE IN 46410
219-236-1512

RCA
2350 CASTLEGATE DR.
INDIANAPOLIS IN 46250
317-845-5800

RCA
7425 S ANTHONY BVD RT 10
FORT WAYNE IN 46816
219-447-3502

KANSAS

RCA
2828 E 44TH ST
KANSAS CITY KS 66106
913-384-9000

THE RADIO SHOP INC
1211 EAST FIRST
WICHITA KS 67214
316-265-1851

RCA
2011 S WASHINGTON
WICHITA KS 67211
316-262-7417

KENTUCKY

THE SOFTWARE SOURCE
3034 BARDSTOWN RD
LOUISVILLE KY 40205
502-895-9483

COMPUTER REPAIR CENTER
3331 LOVELACEVILLE RD
PADUCAH KY 42001
502-554-4028

RODDENJON COMPANY
4801 SNERDURN LN LL3
LOUISVILLE KY 40207
502-897-0561

CIRCUIT CITY SERVICE
2026 SHEPHERDSVILLE RD
LOUISVILLE KY 40218

RCA
4333 POPLAR LEVEL RD
LOUISVILLE KY 40213
502-454-4613

LOUISIANA

ECO DATA CENTERS INC
1010 N 18TH ST
MONROE LA 71201
308-325-5119

SOUND TREK AUDIO
4401 W NAPOLEON SUITE 202
METAIRIE LA 70001
504-888-4776

OREMAN SALES INC
PO BOX 8383
METAIRIE LA 70011
504-468-2001

MODERN BUSINESS INC
4609 FAIRFIELD ST
METAIRIE LA 70006
504-885-5961

RCA
2923 EXECUTIVE PARK DR
BATON ROUGE LA 70806
504-924-1321, 924-1322

RCA
725 W 70TH ST
SHREVEPORT LA 71106
318-865-2348

RCA
4910 BANKS ST
NEW ORLEANS LA 70119
504-488-8781

MASSACHUSETTS

TYCON INC
112 ELM STREET
PITTSFIELD MA 01201
413-442-9771

OMNITEK COMPUTERS INT INC
1300 MAIN ST
TEWKSBURY MA 01876
617-851-4580

ELECTRONICS ASSOCIATES
4 FLETCHER ST
CHELMSFORD MA 01824
617-256-5588

COMPUTER VIDEO SERV CTR
138 MAIN ST
BROCKTON MA 02401
617-583-2634

PIONEER VALLEY DATA EQUIP
259 TRIANGLE ST
AMHERST MA 01002

HOME COMPUTER SERVICES
89 PELLEY STREET
GARDNER MA 01440
617-632-0037

COMMONWEALTH COMPUTER
15 BENTON DR
EAST LONGMEADOW MA 01028
413-525-7404

BEST BUSINESS EQUIPMENT
270 LINCOLN ST
WORCESTER MA 01605
617-755-1077

BBC STORES
1294 WASHINGTON ST
W NEWTON MA 02165
617-964-3080

RCA
17 TECH CIR
NATICK MA 01760
617-237-2330, 655-3400

RCA
373 PARK ST
W. SPRINGFIELD MA 01089
413-732-6291

RCA
83 WOODROCK RD
E. WEYMOUTH MA 02189
617-337-7200, 586-5600

RCA
15 HILL ST
WORCESTER MA 01605
617-753-6387

RCA
757 TURNPIKE ST RT. 114
N. ANDOVER MA 01845
617-685-3501, 744-4150

MARYLAND

COMPUTERWORLD
2112 PHILADELPHIA AV
OCEAN CITY MD 21842
301-289-4111

CIRCUIT CITY SERVICE
10140 BACON DR
BELTSVILLE MD 20705
301-937-5754

RCA
9020 RED BRANCH RD
COLUMBIA MD 21045
301-730-6800

RCA
118 DERWOOD (IND PARK)
ROCKVILLE MD 20850
301-424-7303

RCA
1745 E. JOPPA RD
BALTIMORE MD 21234
301-661-2000

MAINE

AYER ELECTRONICS
RD2 BOX 770
NORRIDGEWOCK ME 04957

RCA
316 ST JOHN ST
PORTLAND ME 04102
207-775-2328

MICHIGAN

ABC ELECTRONIC SERVICE
32 E 14 MICE RD.
MADISON HEIGHTS MI 48071
313-588-6663

MTW ENTERPRISES INC
770 PENNINGMAN AVE
PLYMOUTH MI 48170
313-453-2202

HANEYS ELECTRONICS
15270 GRATIOT
DETROIT MI 48205
313-839-1850

R S ELECTRONICS
34443 SCHOOLCRAFT
LIVONIA MI 48150
313-525-1155

NEWMAN AUDIO VIDEO
400 THIRTY SECOND ST SE
GRAND RAPIDS MI 49508
616-243-3300

ESL INC
23309 DEQUINDRE
HAZEL PARK MI 48030
313-541-4080

ESL
23309 DEQUINDRE
HAZEL PARK MI 48030
313-541-4080

COMPUTRONIX
423 S. SAGINAW RD
MIDLAND MI 48640
517-631-8060

COMPUTER CLINIC
1334 HEMPHILL RD
BURTON MI 48529
313-742-7100

BITS COMPUTER SYSTEMS
204 CENTER ST
MILFORD MI 48042
313-684-1119

RCA
32101 TOWNLEY
MADISON HEIGHTS MI 48071
312-583-7070

RCA
160 E. MORELY DR
SAGINAW MI 48601
313-755-0467

RCA
14136 HOLIDAY DR
FLINT MI 48507
313-232-9167

RCA
13233 HANCOCK DR
TAYLOR MI 48180
313-287-6800

RCA
18040 NINE MILE RD
E. DETROIT MI 48021
313-778-1200

RCA
2945 MADISON AV SE
GRAND RAPIDS MI 49508
616-241-2629, 343-2695

RCA
11805 MAYFIELD
LIVONIA MI 48150
313-522-4800

MINNESOTA

H&H TV & ELECTRONICS
2625 LOUISIANA AVE S
MINNEAPOLIS MN 55426
612-929-1721

DUO SONIC
1525 E LAKE ST
MINNEAPOLIS MN 55407
612-721-6668

DUO SONIC
1525 E LAKE ST
MINNEAPOLIS MN 55407
612-721-6668

RCA
633 HOOVER ST NE
MINNEAPOLIS MN 55413
612-331-8701

MISSOURI

SYSTEMS PLUS INC
5585 PERSHING AVE
ST LOUIS MO 63112
314-361-8825

SASCOA
7536 FORSYTH BLVD
CLAYTON MO 63105
314-726-2772

RCA
6100 WATSON RD
WEBSTER GROVES MO 63114
314-843-4401

RCA
8961 PAGE AVE
OVERLAND MO 63114
314-423-0633

MONTANA

APPLEGREN ENTERPRISES INC
901 14TH ST N
GREAT FALLS MT 59401
406-761-5976

NEBRASKA

DOUBLE E ELECTRONICS INC
12027 PACIFIC ST
OMAHA NE 68154
402-334-7870

LESLIE DRESBOLD INC
925 MAIN ST
PITTSBURGH PA 15215
412-781-1308

GERALD L VOGWILL
823 UNION BLVD
ALLEN TOWN PA 18103
215-432-6332

PITTSBURGH COMPUTER STORE
47 CLAIRTON BLVD
PITTSBURGH PA 15236
412-655-8220

D & H DISTRIBUTING
BOX 1967/2525 N 7TH ST
HARRISBURG PA 17105
717-236-8001

BLAIR OFFICE EQUIPMENT
1420 11TH AVE
ALTOONA PA 16601
814-944-8485

BASIC COMPUTER SYSTEMS
2473 E STATE ST
HERMITAGE PA 16148
412-342-5505

ALPHA OMEGA COMPUTER
928 BROADHEAD RD
ALIQUIPPA PA 15001
412-375-5263

SASCOA
2010 LEVICK ST
PHILADELPHIA PA 19149
215-288-4700

ROBERT R SHOWERS
340 WALNUT ST
MIFFLINBURG PA 17844
717-966-1774

QUINN COMPUTER SUPPLY
506 BROADWAY
SCRANTON PA 18505
717-347-6050

FUTURE TECK COMPUTER
1103 N FRONT ST
HARRISBURG PA 17102
717-233-6200

RCA
2104 BABCOCK BLVD
PITTSBURGH PA 15209
412-821-3710

RCA
356 GOUCHER ST
JOHNSTOWN PA 15905
814-288-1541

RCA
1419 W 21ST ST
ERIE PA 16502
814-452-3661

RCA
6080 LIBRARY RD RT 88
BETHEL PARK PA 15102
412-884-5600

RCA
130 E 3RD ST
WILLIAMSPORT PA 17701
717-326-3711

RCA
979 EAST PARK DR
HARRISBURG PA 17111
717-564-2511

RCA
2587 INDUSTRY LANE
NORRISTOWN PA 19403
215-539-0900

RCA
4557 G ST
PHILADELPHIA PA 19120
215-533-8100

RCA
2615 PERKIOMEN AVE
MT PENN PA 19606
215-779-4660

RCA
5897 COLONY DR
BETHLEHEM PA 18017
215-837-9450

RCA
01230 MACDADE BLVD
COLLINGDALE PA 19023
215-726-8600

RCA
1 WILKES-BARRE SCRANTON HWY
PITTS'N TWP PA 18641
717-825-3444

RCA
0133 HORSHAM RD
HORSHAM PA 19044
215-672-6400

PUERTO RICO

THE MICROCOMPUTER STORE
168 AVE F D ROOSEVELT
HATO REY PR 00918
809-754-7475

RCA
65TH INFANTRY AVE
RIO PIEDRAS PR 00929
809-760-0404

RHODE ISLAND

SOFTWARE CONNECTION INC
101 WEST NATICK RD
WARWICK RI 02886
401-738-3430

INTL COMPUTER SERVICES
165 DYERVILLE AVE
JOHNSTON RI 02919
401-273-1001

ELWIN & APPLIANCE
55 ELECTRONIC DR
WARWICK RI 02888
401-467-9300

RCA
6855 WATERMAN AVE
EAST PROVIDENCE RI 02914
401-434-0872, 617-673-5816

SOUTH CAROLINA

THE SOFTWARE HAUS INC
7565 RIVERS AVE
CHARLESTON SC 29418
803-797-6860

PROTRONICS TV INC
6995 DORCHESTER RD
CHARLESTON SC 29418
803-552-3960

CIRCUIT CITY SERVICE
6265 RIVERS AV
CHARLESTON SC 29418
803-572-2461

RCA
1540 WADE-HAMPTON BLVD
GREENVILLE SC 29609
803-233-3009

RCA
714 BROAD RIVER RD
COLUMBIA SC 29210
803-772-8326

SOUTH DAKOTA

ULTRA SYSTEMS INC
210 EAST KEMP AVE
WATERTOWN SD 57201
605-882-1555

TENNESSEE

RICK'S ELECTRONIC RPR
3127 N BROADWAY
KNOXVILLE TN 37917
615-689-5647

CIRCUIT CITY SERVICE
5333 HICKORY HOLLOW PKWY
ANTIOH TN 37013
615-834-5125

CIRCUIT CITY SERVICE
7807 KINGSTON PIKE
KNOXVILLE TN 37919
615-694-0400

CIRCUIT CITY SERVICE
5724 CHARLOTTE PIKE
NASHVILLE TN 37209
615-356-6862

RCA
2110 AIRWAYS BLVD
MEMPHIS TN 38114
901-743-3262

RCA
6508 BAUM DR
KNOXVILLE TN 37919
615-588-0681

COMPU CENTER INC
4442 SUMMER AVE
MEMPHIS TN 38122
901-683-6079

RCA
313 HILL AVE
NASHVILLE TN 37210
615-256-0370

RCA
4121 SOUTH CREEK RD
CHATTANOOGA TN 37406
615-698-2551

TEXAS

VID COM
2370 6 NORTH EXPWR
BROWNSVILLE TX 78521
512-544-6441

SAN ANTONIO SYSTEMS INC
4245 CENTER GATE
SAN ANTONIO TX 78217
512-654-1631

RAVEN ELECTRONICS
9 STANLEY LANE
FORNEY TX 75126
214-552-2098

ELECTRONIC SYSTEM
RT 10 BOX 247 H
WACO TX 76708
817-836-4670

ACCTG SYS COMPUTER
323 E 40TH ST
LUBBOCK TX 79404
806-747-2035

VIDCO ELECTRONICS INC
903 W COTTON
LONGVIEW TX 75601
214-757-4911

NUTCRACKER ELECTRONICS
1310 MC DUFFY SUITE 29
HOUSTON TX 77019
713-526-1577

MICRO FIX INC
2556 ROYAL LANE
DALLAS TX 75229
214-241-7001

GOLDEN RULE COMPUTER PROD
506 S GEORGIA
AMARILLO TX 79106
806-372-7300

CONSUMER COMPUTR EXCHANGE
9055 GAYLORD #118
HOUSTON TX 77024
713-932-6123

ACACUS COMPUTERS
4370 W ILLINOIS
MIDLAND TX 79703
915-689-0744

RCA
9505-D BURNETT RD
AUSTIN TX 78758
512-834-0686

RCA
6814 BROADWAY
GALVESTON TX 77552
409-744-7101

RCA
8605 MARIPOSA ST
BEAUMONT TX 77701
409-833-8639

RCA
1211 SAFARI
SAN ANTONIO TX 78280
512-496-5701

RCA
10615 ROCKLEY RD
HOUSTON TX 77099
713-933-9710

RCA
2515 E LANCASTER
FORT WORTH TX 76103
817-535-0861

RCA
2755 IRVING BLVD
DALLAS TX 75107
214-631-8440

RCA
510 ALDINE BENDER RD
HOUSTON TX 77060
713-445-8588

RCA
13620 GAMMA RD
DALLAS TX 75240
214-233-3377

UTAH

TRISYS
5740 COOPER CITY DR
SALT LAKE CITY UT 84118
801-534-7507

RCA
2555 S 900 W
SALT LAKE CITY UT 84119
801-972-1200

VERMONT

COMPUTERS PLUS
1078 EAST FT UNION BLVD
MIDVALE VT 84047
801-566-3901

VIRGINIA

VIRGINIA MICRO SYSTEM
13646 JEFFERSON DAVIS HW
WOODBRIIDGE VA 22191
703-491-6502

L&Y ELECTRONICS
13670 JEFFERSON DAVIS HWY
WOODBRIIDGE VA 22191
703-494-3444

JACK L HARTMAN & CO INC
2840 PETERS CREEK RD
ROANOKE VA 24019
703-326-1892

APPLIANCE & ELECTRONICS
4011 WEST BROAD ST
RICHMOND VA 23230
804-353-5508

CIRCUIT CITY SERVICE
2040 WESTMORELAND ST
RICHMOND VA 23230
804-257-4321

CIRCUIT CITY SERVICE
2150 WESTMORELAND ST
RICHMOND VA 23230

CIRCUIT CITY SERVICE
2207 W. MERCURY BLVD
HAMPTON VA 23666
804-838-3570

CIRCUIT CITY SERVICE
110 S. INDEPENDENCE BLVD.
VIRGINIA BEACH VA 23462
804-499-0099

CIRCUIT CITY SERVICE
8401 MIDLOTHIAN TURNPIKE
RICHMOND VA 23235
804-320-8888

RCA
93408 AZALPA GARDEN RD
NORFOLK VA 23513
804-857-0626, 244-1555

RCA
2205 PERL RD
RICHMOND VA 23230
804-288-7241

RCA
2813 DORR AV
FAIRFAX VA 22031
703-560-6000

WASHINGTON

COM-SOFT
1831 W SILVER LAKE RD
EVERETT WA 98204
206-337-7715

RUSSELL & ASSOCIATES
12900 N E 38TH ST
VANCOUVER WA 98662
206-892-8036

D & D SERVICE
15843 PACIFIC HWY S
SEATTLE WA 98168
206-242-9451

COMPUTER SALES & SERV
113 W 3RD AVE
MOSES LAKE WA 98837
509-765-9751

TECH STAR
7044 SO 188TH
KENT WA 98032
206-251-9040

COMPUTER CORNER CO
1730 CONTINENTAL PLACE
MT VERNON WA 98273
206-428-1840

BUTLERS MOBILE TV
28717 PACIFIC HWY SO
FEDERAL WAY WA 98003
206-941-9096

BOLLINGER TV
812 S 3RD
RENTON WA 98055
206-226-3234

BELLINGHAM COMPUTER
2300 JAMES ST SUITE 1-E
BELLINGHAM WA 98225
206-647-0086

RCA
610107 S TACOMA WAY
TACOMA WA 98499
206-582-0733, 588-6066

RCA
916 N 143RD SRT
SEATTLE WA 98133
206-365-2100

RCA
616 E 3RD AV
SPOKANE WA 99202
509-838-5270

WISCONSIN

SYSTECH ELECTRONICS
PO BOX 128
GREENDALE WI 53129
414-421-5597

ORYX SYSTEMS
101 SCOTT ST
WAUSAU WI 55401
715-848-1374

CASH CONTROL SYSTEMS
2104 HIGHWAY 12
EAU CLAIRE WI 54701
715-832-9922

RCA
2605 TODD DR
MADISON WI 53713
608-271-8011

RCA
W. 140 N. 6035 LILLY RD
MENOMONEE FALLS WI 53051
414-252-4730

WEST VIRGINIA

SOUTHSIDE A V EXCHANGE
1010 10TH ST
HUNTINGTON WV 25701
304-522-8031

J S LATTA INC
1502 FOURTH AVE, BX 2668
HUNTINGTON WV 25726
304-523-9433

RCA
2608 ROCK LAKE DR
S. CHARLESTON WV 25309
304-768-0051, 768-0052

RCA
90 N. RIVER RD
WHEELING WV 26003
304-232-8353

RCA
1728 MAIN ST
FOLLANSBEE WV 26017
304-527-0711, 614-283-3603

RCA
2114 S 37TH ST
OMAHA NE 68105
402-345-9300

NORTH CAROLINA

SOUTHERN PHOTO TECH SERV
2610 SOUTH BLVD
CHARLOTTE NC 28209
704-523-0012

TRIAD COMPUTERS
3068 TRENWEST DR
WINSTON-SALEM NC 27103
919-765-0433

CIRCUIT CITY SERVICE
6100 E. INDEPENDENCE BLVD
CHARLOTTE NC 28210
704-567-0900

CIRCUIT CITY SERVICE
3826 HIGH POINT RD
GREENSBORO NC 27407
919-852-9111

CIRCUIT CITY SERVICE
7101 GLENWOOD ACV
RALIEGH NC 27612
919-852-9111

RCA
6320-A ANGUS DR
RALEIGH NC 27612
919-787-1963

RCA
5111 W. MARKET ST
GREENSBORO NC 27409
919-292-9771

RCA
3819 S TRYON ST
CHARLOTTE NC 28210
704-525-5722

NEW HAMPSHIRE

WAYNE GREEN ENT
WGE CENTER PT 202 NO
PETERBOROUGH NH 03458
603-924-9261

DOVER ELECTRONICS INC
157 PORTLAND AVE
DOVER NH 03820
603-749-4972

NORTH COUNTRY COMP. CNTR.
VILLAGE SQ. TENNEY MT.
PLYMOUTH NH 03264
603-536-4163

NEW JERSEY

SOFTWARE CENTER
372 HIGHWAY 18
EAST BRUNSWICK NJ 08816
201-257-7778

REPAIR TECH INC
185 SPRING ST
NEWTON NJ 07860
201-579-1068

GIMM CONSULTANTS
190 RT 73
MAPLE SHADE NJ 08052
609-667-6900

TEST TECHNOLOGY INC
1149 MARLKRESS RD
CHERRY HILL NJ 08003
609-424-6570

GOLDEN HEDGE INC
1334 BRACE RD
CHERRY HILL NJ 08034
609-772-0022

ADVANCED ELECTRONICS
VILLAGE SHOPPING CTR
FLANDERS NJ 07836
201-584-1251

BLUE CHIP COMPUTER REPAIR
1290 BLACK HORSE PIKE
TURNERSVILLE NJ 08012
609-728-9546

AVECO
777 ROUTE 17
PARAMUS NJ 07652
201-652-9222

RCA
6110 S. SHORE RD US RT 9
MARMORA NJ 08223
609-641-7320, 399-4366

RCA
375 CRESCENT BLVD
GLOUCESTER CITY NJ 08030
609-456-7600

RCA
1 WHITE HORSE PK/MILFRD RD
BERLIN NJ 08009
609-767-9000, 227-1501

RCA
285 MIDLAND AV
SADDLE BROOK NJ 07662
201-794-9220

RCA
1675 HIGHWAY 34
WELL TOWNSHIP NJ 07719
201-938-4806

RCA
ROUTE 46
DENVERVILLE NJ 07834
201-627-8120

RCA
131 LAWRENCE RD
TRENTON NJ 08638
609-882-9600

RCA
34 COMMERCE WAY
HACKENSACK NJ 07602
201-343-3900

RCA
2520 RANDOLPH AV
AVENEL NJ 07001
201-388-6000

NEW MEXICO

ACADEMY COMPUTERS INC
1720 JUAN TABO NE
ALBUQUERQUE NM 87112
505-296-4887

RCA
2705A PAN AMERICAN FWY NE
ALBUQUERQUE NM 87107
505-345-5462

NEVADA

HOTEL COMPUTERS INC
376 W SAHARA AVE
LAS VEGAS NV 89102
702-384-9440

RCA
733 E. GLENDALE AV
SPARKS NV 89431
702-358-1150

RCA
1125 S. MARYLAND PKWY
LAS VEGAS NV 89104
702-384-9800

NEW YORK

VIDEO COMPUTER CENTER
407 W LIBERTY ST
ROME NY 13440
315-336-0266

RAY SUPPLY INC
PO 745
GLEN FALLS NY 12801
518-792-5848

PERSONAL COMPUTERS
4533 BAILEY AVE
AMHERST NY 14226
716-832-8800

MARTY'S ELECTRONICS
72 5TH AVE
BAYSHORE NY 11706
516-665-5048

LEONS COMPUTER MART
103 CLINTON AVE S
ROCHESTER NY 14604
716-325-2787

ISLAND VIDEO & COMPUTER
35 MIDDLE COUNTRY RD
CORAM NY 11727
516-736-1001

HONDERS INC DBA
37 NORTH ST
MIDDLETOWN NY 10940
914-343-8740

CRAZY EDDIE
2845 CONEY ISLAND AV
BROOKLYN NY 11235
212-934-0100

WILLIAM J PIZER & ASSOC
363 HAMILTON ST
ALBANY NY 12210
518-436-1190

TERMINALS CO INC
87 NASSAU ST
NEW YORK NY 10038
212-233-6356

OHM ELECTRONICS INC
609 W CLINTON ST
ITHACA NY 14850
607-273-8406

NATIONAL UNLIMITED BUS SY
2433 EAST TREMONT AVE
BRONX NY 10461
212-597-1160

COMPUTER PALACE
405 A RT 112
PATCHOQUE NY 11772
516-654-8573

COMPUTER HOUSE
596 LAKE AVE
ROCHESTER NY 14613
716-458-1790

COMPUTER SERVICE ASSOC
181 B RT 94N
WARWICK NY 10940
914-986-0233

BLUMENTHALS
234 N UNION
OLEAN NY 14760
716-375-4608

SASCOA
7 HERBERT DR. SOUTH
LATHAM NY 12110
518-785-5816

CIRCUIT CITY SERVICE
131 EILEEN WAY
SYOSSET NY 11791
516-921-8300

RCA
72 MILBAR RD
E. FARMINGDALE NY 11735
516-293-9440

RCA
4420 FARRAGUT RD
BROOKLYN NY 11203
718-859-8900

RCA
3211 BOSTON RD
BRONX NY 10469
212-882-1000

RCA
410 SAW MILL RIVER RD
ELMSFORD NY 10523
914-592-5390

RCA
72-35 51ST AV
WOODSIDE NY 11377
718-507-5250

COMPUSAT
2492 N JERUSALEM RD
NORTH BELLMORE NY 11710
516-785-4938

ALBANY CASH REGISTER CO
224 CENTRAL AVE
ALBANY NY 12206
518-434-6331

RCA
5420 50TH ST
MASPETH NY 11378
718-937-8383

RCA
113 OAKDALE RD
JOHNSON CITY NY 13790
607-797-2352

RCA
14 JET VIEW DR
ROCHESTER NY 14624
716-436-1820

RCA
36766 OLD COLLAMER RD
E. SYRACUSE NY 13057
800-345-3445, 315-463-4581

RCA
1690 WALDEN AV
BUFFALO NY 14225
716-896-6200, 282-4600

RCA
347 NEW KARNER RD
ALBANY NY 12205
518-456-1334

OHIO

PROFESSIONAL MICROCARE
1 E. STEWART ST
DAYTON OH 45409
513-223-6718

OHIO OFFICE MACHINES
124 BURKHART AVE
CINCINNATI OH 45215
513-761-7121

NOCOPROE INC.
35101 EUCLID AVE
WILLOUGHBY OH 44094
216-953-1535

EARTHRISE MICRO SYSTEMS
1731 BRICE RD
REYNOLDSBURG OH 43068
614-868-1100

FAIRBORN HOME COMPUTER
101 N BROAD ST
FAIRBORN OH 45324
513-879-7402

GEORGE T SAXTAN ASSO
1717 E PERKINS AVE
SANDUSKY OH 44870
419-625-8093

SWALLENS INC
3700 RED BANK RD
CINCINNATI OH 45227
513-527-6723

HOME ELECTRONIC TECH
16 EAGLE ST
MADISON OH 44057
216-628-6161

DAYPROM COMPUTER
3460 S. DIXIE HWY
DAYTON OH 45439
513-299-8555

COMPUTERS PLUS OF OHIO
127 W. WYANDOT AV
UPPER SANDUSKY OH 43351
419-895-9483

COMPUTER SITE
14763 PEARL RD
STRONGSVILLE OH 44136
216-572-3580

RCA
1925 NORTH RIDGE RD
LORAIN OH 44055
216-277-1231

RCA
3896 OAKWOOD AVE
YOUNGSTOWN OH 44515
216-792-1421

RCA
4509 W 16TH ST
CLEVELAND OH 44135
216-267-8800

RCA
3979 PARKWAY LANE
HILLIARD OH 43026
614-771-0171

RCA
1245 MUNROE FALLS AVE
CUYAHOGA FALLS OH 44221
216-923-4811

RCA
50 ELM DALE RD
TOLEDO OH 43607
419-531-9951

RCA
02107 JERGENS RD
DAYTON OH 45404
513-233-5723

RCA
20500 MILES PARKWAY
WARRENSVILLE HT OH 44128
216-587-5500

RCA
6045 WINTON RD
CINCINNATI OH 45232
513-542-5000

RCA
2521 34TH ST NE PO BOX B
CANTON OH 44705
216-456-7316, 368-7315

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SYNTEC MICRO SYSTEMS
1108 W STOVALL RD
WILBURTON OK 74578
918-455-5675

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TULSA OK 74136
918-494-9701

SUNBELT ELECTRONIC INC
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MIDWEST CITY OK 73130
405-753-8064

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918-438-4422

RCA
2009 SOUTH HARVARD AVE
OKLAHOMA CITY OK 73128
405-682-2374

OREGON

THE USERS CORNER
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MEDFORD OR 97501
503-773-8868

MA TELEVISION
780 BLAIR BLVD
EUGENE OR 97402
503-485-4876

DAVID WALSER
86313 FRANKLIN BLVD
EUGENE OR 97405
503-726-8500

WESTRONIX
3312 SILVERTON RD NE
SALEM OR 97303
503-363-8934

COMPUTRON BUSINESS SYSTEMS
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PORTLAND OR 97205
503-224-2220

RCA
2645 SE 50TH AVE
PORTLAND OR 97206
503-233-6611

PENNSYLVANIA

RAYMOND ROSEN CO
PARKSIDE AVE AT 51ST
PHILADELPHIA PA 19131
215-452-5191

MARCOM INDUSTRIES INC
HIGHLAND AND WHITE ST
GREENSBURG PA 15601
412-832-0140

Letters to the Editor

Dear Editor:

I understand the 1541 user's guide has been rewritten and commonly referred to as the Strasma edition. Is this book available and how do I obtain one?

A C64 user

Ed: The guide was rewritten to accommodate 3.5 BASIC of the Plus/4 and C16. It is being made available to all Plus/4 and C16 owners. Anyone, however, may obtain a copy by sending \$4.95 to Customer Service requesting the 1541 User's Guide, Part Number 1540031-03.

Dear Editor:

I received a 1341 joystick which is not compatible with my C64. I want to convert it to the C64 port using an Atari ("D") connector purchased at Radio Shack. How do I wire it?

Ed: Reference the pinout scheme in your user's guide. Connect the following colored wires from the joystick to these pins on the D-connector:
 Red—Pin 1, White—2, Black—3, Grey—4, Brown—6, Yellow—8. Blue and Green wires are not used — cut them. Remember the pin arrangement on the cable end is the mirror image of the computer end (sketch in the user's guide).

Dear Editor:

Is it possible to exit from EasyScript into BASIC?

Ed: No, not without turning the computer off. The use of [RUN/STOP] [RESTORE] while in EasyScript allows you to reset the parameters without affecting the memory. [F1] [RUN/STOP], however, clears the memory in addition to allowing you to change the parameters.

Tear at perforation and mail

Commodore User Survey

Computers:

7. How many computers are in your household (all brands)?

0 2-4
 1 5 or more

8. Which computer(s) do you currently own?

Commodore 64 Commodore Plus/4
 VIC 20 Commodore 16
 CBM Pet
 None Other
 SuperPet

9. Which peripherals are in your household?

Disk Drives: 1541 2031
 4040 8050
 8250 MSD-SD1
 MSD-SD2 Other
 Cassettes: 1530 1531
 Printers: MPS 801 MPS 802
 MPS 803 MCS 801
 1525 1526
 1515 1520
 DPS 1101 6400
 Other
 Modems: 1600 1650
 1660 Other
 Monitors: 1701 1702
 Television Other
 Miscellaneous: Light pen
 Touchpad
 Joystick
 Paddles
 Speech synthesizer
 Music keyboard
 Expansion board

10. Approximately how many commercial software packages are in your household?

None 4-9 26-100
 1-3 10-25 Over 100

11. Approximately how many public domain software programs are in your household?

None 4-9 26-100
 1-3 10-25 Over 100

12. What medium is most of your software:

Cassette Disk Cartridge

13. Which of these services does your household subscribe to?

CompuServe Delphi
 PlayNet Source
 A local BBS Other
 Compute Gazette's Disks LoadStar

14. Which of these magazines does your household subscribe to?

Commodore Commodore
 Micromputers Power/Play
 RUN Ahoy
 TPUG Compute
 Compute's Gazette Midnight Gazette
 Family Computing K Power
 Info 64 ENTER
 Popular Computing Personal Computing

15. How are your Commodore computers used in your household?

Personal Home Use Home-based business
 Office-based business Education of children
 Adult education Programming
 Games Simulation
 Adventure

16. Which computer languages do you write programs in?

BASIC LOGO
 Comal Forth
 Pascal Machine language
 Fortran Other

17. Which of these computers/peripherals have you heard of?

Commodore 128 Commodore LCD
 Commodore Plus/4 Commodore 16
 Amiga 1571 Disk Drive
 1902 Monitor

18. Do you own a VCR (Video Cassette Recorder)?

Yes, VHS No, I plan to buy a VHS system
 Yes, Beta No, I plan to buy a Beta system
 NO, I do not intend to buy one in the next year

19. Within the next six months what do you plan to purchase?

Item	Quantity	Model
Computer:		
Disk Drive:		
Printer:		

Be sure to answer the questions on back

Letters to the Editor (cont.)

Dear Editor:

I would like information on how the handicapped can use computers.

Ed: Sybex published *Personal Computers* and *Special Needs* by Frank G. Bowe, available at book stores. Closing the Gap, a resource authority on micro-computer applications for the handicapped publishes a newspaper called *Closing the Gap*. They also have a book titled *Computer Technology for the Handicapped*. For information write to:
Closing the Gap
P.O. Box 68
Henderson, MN 56044
or call 612-248-3294.

Dear Editor:

Our user group has a software rental library. We would like your permission to lend Commodore and third party copyrighted software to our members.

WAC64UG

Ed: It has been our experience that the use of copyrighted software libraries has promoted piracy. Therefore, in the interests of all those concerned and supporting Commodore computers, we cannot specifically condone this practice. It is, therefore, totally your user groups's decision and consequent responsibility.

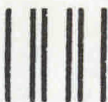
Short Notes

Double space listing:
To create a program listing with double spacing, open your printer channel with a file number greater than 127, for example:

OPEN 129,4:CMD4:LIST
File numbers greater than 127 send a signal to your printer to add an extra linefeed.

Personal:

1. What is your age?
 Under 10 25-34
 10-17 35-49
 18-24 50 & over
2. What is your sex?
 Male Female
3. What is your occupation?
 Clerical Professional
 General Labor Office Manager
 Student Engineer
 Homemaker Sales
 Retired Self-Employed
 Programmer Education
 Medical Legal
 Military
4. If other than yourself what is the age of the primary computer user in your household?
 Under 10 25-34
 10-17 35-49
 18-24 50 & over
5. If other than yourself, what is the occupation of the primary computer user in your household?
 Clerical Professional
 General Labor Office Manager
 Student Engineer
 Homemaker Sales
 Retired Self-Employed
 Programmer Education
 Medical Legal
 Military
6. What is your annual household income?
 Under \$10,000 \$25,000 to 34,999
 \$10,000 to 14,999 \$35,000 to 44,999
 \$15,000 to 19,999 \$45,000 to 59,999
 \$20,000 to 24,999 Over \$60,000



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Commodore World

How to Send Your EasyScript File via Modem

Here's a trick to send your article to your own newsletter editor directly from EasyScript. The author only needs EasyScript and a modem while the editor uses a terminal program and a modem. Using this method makes formatting easy, eliminates conversions, and minimizes time spent loading programs.

1. Load the terminal program.

The editor boots up a copy of a smart terminal program which has a capture buffer such as VIDTEX, Smart64 Term, VIP Terminal, HiggyTerm or CommTerm 64.

2. Prepare the EasyScript file.

The contributor loads his text into EasyScript. Once loaded he presses the RUN/STOP and RESTORE keys and selects PRINTER TYPE 3 (DIABLO).

At the following prompts, he enters:

```
(R)S232 (C)ENTRONICS OR (S)ERIAL? R >RETURN<
CONTROL REGISTER VALUE(0-255)? 6
COMMAND REGISTER VALUE(0-255)? 0
(Control value 6 represents 300 baud).
```

3. Establish telephone contact.

Once telephone voice contact is made, the contributor indicates all is ready and checks to make sure that the editor is ready to receive text into an empty buffer.

The contributor sets his modem to Originate; the editor's to Answer. The editor connects his modem into the phone line followed by the contributor connecting his modem to the phone.

4. Transfer data.

After receiving the carrier detection light, the contributor starts the EasyScript modem transfer by executing the following print command:

```
<F1> <O> <C> <P>
```

Although these keystrokes usually direct the output to a printer, they will now be directed to the modem because you told EasyScript that you had a device (Diablo printer) connected to the RS232 port, set at 300 baud!

5. Close communications.

Contributor must not disconnect the modem until at least one minute after EasyScript returns to EDIT MODE.

The editor closes the buffer, saves the file to disk as a CBM ASCII SEquential file.

After the contributor and editor break connections, the editor may use EasyScript to upload the sequential file and edit it.

User Group Activities

January Visitors:

Commodore welcomed visits by Ms. Mindy Skelton of Eight Squared, a Harrisburg user group and of MARCA (Mid Atlantic Regional Commodore Association, a confederation of user groups), Felix Rivera, Secretary of the New York Commodore Interest Group (N.Y.C.I.G.), and Shelly Roberts, Director, also of N.Y.C.I.G. Felix Rivera also represents the CITIIGROUP users group in New York.

Newly Approved User Groups:

Commodore World application kits are being distributed to user groups. If you are not listed in *Commodore Microcomputers*, or *Commodore Power/Play*, please submit a request for the kit.

User Group of the Month:

Let us know what you are doing special. Perhaps YOU will be selected in our next issue!

User of the Month:

Nominate a Commodore computer user group member who has used his/her computer in a special or unusual way which could be of benefit to others.

New Ideas

Topic suggestion: Have a seminar with a panel of local BBS sysops.

Raise funds by creating a contest based upon a program adventure or game. Write an adventure which stores the score on the disk; highest score wins. Thanks to WICOMICO C64 Club for this idea.

Raise funds by raffling software products donated by local stores.

Wish List

Let us know what would you like to see Commodore produce in the future — realistic or not!

Queries

Has anyone written a program to convert EasyScript files formatted on 4040 format to Word Pro files on 8050 format?

Calendar of Events 1985

Date	Event	Place	Information
Computer shows:			
April 20-21	TSC Computer Festival	Trenton, NJ	609 771 2487
May 25 & 26	TPUG 4th Conference	Toronto, CAN	
June 2-6	CES	Chicago, IL	
June 6-8	6th Commodore Expo	England	
July 26-28	MARCA Convention	King of Prussia, PA	717 486 3274
Educational conventions:			
April 15-19	Exceptional Children	Anaheim (L.A.)	
April 17-20	Mathematics Teachers	San Antonio	
April 18-21	Science Teachers	Cincinnati	
May 5-9	Intl. Reading Assoc.	New Orleans	
Commodore Speaker Tours:			
April 16	Jackson Commodore User Group	Jackson, Mississippi	
April 18	Morris User Group	Morris, NJ	
May 7	McDonald Douglas CC	St. Louis, MO	
May 8	Kansas City UG	Kansas City, KS	
May 9	Wichita Commodore UG	Wichita, KS	
May 25 & 26	TPUG 4th Conference	Toronto, ON	

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