READER SERVICE

Use the convenient card on the last page to request FREE information about the products advertised in this issue of ANALOG Computing.

For information about specific advertisers or products, circle the number on the card that matches the number shown with the advertisement, or in the Index to Advertisers.

FOR OUR DISK SUBSCRIBERS

The following programs from this issue are on disk:

THE A.N.A.L.O.G. #47 DISKETTE CONTAINS 25 MAGAZINE FILES. THEY ARE LISTED BELOW.

SIDE 1:

FILENAME.EXT	LANG.	LOAD	COMMENTS
DATABASE.OBJ	ML	(#3)	ANALOG DATABASE
DISKFILE.BAS	BASIC	LOAD	DISKFILE, LISTING 2
DISKFILE.OBJ	ML	(#3)	DISKFILE
DZONE .OBJ	ML	(#3)	DEATHZONE
DZONE1 .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT1
DZONE2 .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT2
DZONE3 .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT3
DZONE4 .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT4
DZONE5 .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT5
DZONE6 .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT6
DZONE7 .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT7
DLI1 .BAS	BASIC	LOAD	DLI, EXAMPLE 1
DLI2 .BAS	BASIC	LOAD	DLI, EXAMPLE 2
DLI3 .BAS	BASIC	LOAD	DLI, EXAMPLE 3
EDITOR11.LST	BASIC	ENTER	BASIC EDITOR II
MLEDITOR.BAS	BASIC	LOAD	M/L EDITOR

SIDE 2:

FILENAME.EXT	LANG.	LOAD	COMMENTS
DATABSE1.M65	MAC/65	LOAD	DATABASE SOURCE, PT1
DATABSE2.M65	MAC/65	LOAD	DATABASE SOURCE, PT2
DATABSE3.M65	MAC/65	LOAD	DATABASE SOURCE, PT3
DATABSE4.M65	MAC/65	LOAD	DATABASE SOURCE, PT4
DATABSE5.M65	MAC/65	LOAD	DATABASE SOURCE, PT5
DATABSE6.M65	MAC/65	LOAD	DATABASE SOURCE, PT6
DATABSE7.M65	MAC/65	LOAD	DATABASE SOURCE, PT7
DISKFILE.M65	MAC/65	LOAD	DISKFILE SOURCE
DZONE .SYN	SYN/AS	LOAD	DEATHZONE SOURCE, PT8

TO LOAD YOUR A.N.A.L.O.G. DISK

1) INSERT BASIC CARTRIDGE (NOT REQUIRED FOR XL OR XE COMPUTERS)
2) TURN ON DISK DRIVE AND MONITOR
3) INSERT DISK IN DRIVE
4) TURN ON COMPUTER (XL AND XE OWNERS DO NOT HOLD DOWN OPTION KEY!)

WARNING: BEFORE YOU RUN A PROGRAM, READ THE APPROPRIATE ARTICLE IN THE MAGAZINE.

NOTE: ONLY PROGRAMS WITH THE ".BAS" OR ".OBJ" EXTENTION MAY BE RUN FROM THE MENU. OTHER PROGRAMS SHOULD BE LOADED AS INSTRUCTED IN THE LOADING NOTES, AND MAY REQUIRE ADDITIONAL SOFTWARE AS LISTED BELOW.

EXT	DESCRIPTION
.M65	REQUIRES THE OSS MAC/65 ASSEMBLER
.AMA	REQUIRES THE ATARI MACRO ASSEMBLER
.ASM	REQUIRES THE ATARI ASSEMBLER/EDITOR
.ACT	REQUIRES THE OSS ACTION! CARTRIDGE
.LGO	REQUIRES THE ATARI LOGO CARTRIDGE
.SYN	REQUIRES THE SYNAPSE SYN ASSEMBLER

LOADING NOTES

LOAD BASIC PROGRAM:	LOAD "D:FILENAME.EXT"
ENTER BASIC PROGRAM:	ENTER "D:FILENAME.EXT"
LOAD MAC/65 PROGRAM:	LOAD #D:FILENAME.EXT
ENTER ASM/ED PROGRAM:	ENTER #D:FILENAME.EXT
LOAD LOGO PROGRAM:	LOAD "D:FILENAME.EXT"
LOAD SYN/AS PROGRAM:	LOAD "D:FILENAME.EXT"

#1: SEE ACTION! MANUAL
#2: SEE ATARI MACRO ASSEMBLER MANUAL
#3: MAY ALSO BE LOADED FROM DOS USING THE "L" OPTION OF THE DOS MENU.

#1* SHOULDN'T YOU SUBSCRIBE?



We've got your interests . . . at heart.

You know how good **ANALOG Computing** is. You're reading it. And we want you to keep on reading it . . . but at a special rate. And, if typing in programs isn't your idea of a good time, we have special rates for disk subscriptions, too! See the subscription form attached.

Our subscription prices will save you money; our articles will save you time *and* money.

*Recently, **ANALOG Computing** was rated the **#1** magazine for the Atari computer in:

games
programs
consumer issues
and more

by the newsletter of several Atari users groups.

Keep reading and you'll discover why you shouldn't miss a single issue. Beginner or programmer, we've got your interests.

#1

Two disk versions.

Since issue 1, **ANALOG Computing**'s subscriptions have been available on disk, eliminating the need for you to spend hours typing in programs from our magazine. Now they're also on 3½-inch disk, for ST users.



The rates for these disk subscriptions are given in full on the ordering portion of this folder. And, of course, both disk subscriptions include a copy of the magazine itself.

To subscribe on disk, just check the appropriate box on the subscription form attached, or call our toll-free number:



800-345-8112
(in Pennsylvania, 800-662-2444)

Tear coupon along dotted line above and seal envelope with your payment enclosed.

I want a subscription to **ANALOG Computing**.

MAGAZINE ONLY	WITH DISK	WITH ST DISK
☐ 1 yr. (12 iss.) $28.00	☐ ½ yr. (6 iss.) $60.00	☐ ½ yr. (6 iss.) $84.00
☐ 2 yrs. (24 iss.) $52.00	☐ 1 yr. (12 iss.) $105.00	☐ 1 yr. (12 iss.) $145.00
☐ 3 yrs. (36 iss.) $79.00		
CANADIAN RATES		
☐ 1 yr. (12 iss.) $36.00	☐ ½ yr. (6 iss.) $76.00	☐ ½ yr. (6 iss.) $99.00
☐ 2 yrs. (24 iss.) $62.00	☐ 1 yr. (12 iss.) $130.00	☐ 1 yr. (12 iss.) $170.00
☐ 3 yrs. $89.00		
FOREIGN RATES		
☐ 1 yr. (12 iss.) $39.00	☐ ½ yr. (6 iss.) $89.00	☐ ½ yr. (6 iss.) $105.00
☐ 2 yrs. (24 iss.) $72.00	☐ 1 yr. (12 iss.) $149.00	☐ 1 yr. (12 iss.) $175.00
☐ 3 yrs. (36 iss.) $99.00		

☐ Check # _____

☐ Money Order # _____

☐ MasterCard ☐ VISA

Exp. date _____

Card No. _____

Name _____

Address _____

City _____ State _____ Zip _____

PLEASE ALLOW 4 to 6 WEEKS FOR DELIVERY OF FIRST ISSUE.

FOR FASTER SERVICE

Call our toll-free
U.S. Order Line:

800-345-8112

In Pennsylvania:
800-662-2444

THE #1 MAGAZINE FOR ATARI® COMPUTER OWNERS

ANALOG COMPUTING

the *best* magazine
for Atari home
computer owners

GAMES PROGRAMS NEWS

Yes!

#1

We're #1



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 31 WORCESTER, MA

ANALOG Computing
P.O. Box 625
Holmes, PA 19043

THE #1 MAGAZINE FOR ATARI COMPUTER OWNERS

ANALOG COMPUTING

Please circle an entry for each category.

1. **This copy of ANALOG Computing came to me through:**
   A User Group · B Computer Store · C News Stand · D Subscription · E Borrowed · F Book Store · G School
2. **I personally use:**
   A 400/800 · B 130XE · C 600XL · D 800XL · E 520ST · F 1040ST
3. **I intend to purchase a new Atari computer in the near future:**
   A Yes · B No
   If yes, model I intend to purchase:
   C Atari XE · D Atari 520 · E Atari 1040
4. **Which section do you use most:**
   A ANALOG Computing · B ST-Log · C Both
5. **How many people will read this copy of ANALOG Computing?** _____
6. **I'd like to see ANALOG Computing cover more extensively:**
   A Games · B Education · C Other _____ · D Graphics · E Utilities/Tutorials
7. **I spent on software in the past 12 months:**
   A less than $100 · B $100-$300 · C $300-$600 · D $600-$1000 · E More than $1000
8. **I use the machine language listings in ANALOG Computing:**
   A Not at all · B Glance at them · C Study them thoroughly · D Type them in
9. **How many programs have you (will you) type in from this issue?** _____
10. **My favorite article in this issue is:** _____

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

ANALOG COMPUTING · OCTOBER 1986 · EXPIRES 12-1-86

READER SERVICE CARD

101	118	135	152	169
102	119	136	153	170
103	120	137	154	171
104	121	138	155	172
105	122	139	156	173
106	123	140	157	174
107	124	141	158	175
108	125	142	159	176
109	126	143	160	177
110	127	144	161	178
111	128	145	162	179
112	129	146	163	180
113	130	147	164	181
114	131	148	165	182
115	132	149	166	183
116	133	150	167	184
117	134	151	168	

I want a subscription to **ANALOG Computing**.

MAGAZINE ONLY	WITH DISK	WITH ST DISK
☐ 1 yr. (12 iss.) $28.00	☐ ½ yr. (6 iss.) $60.00	☐ ½ yr. (6 iss.) $84.00
☐ 2 yrs. (24 iss.) . . . $52.00	☐ 1 yr. (12 iss.) $105.00	☐ 1 yr. (12 iss.) $145.00
☐ 3 yrs. (36 iss.) . . . $79.00		
CANADIAN RATES		
☐ 1 yr. (12 iss.) $36.00	☐ ½ yr. (6 iss.) $76.00	☐ ½ yr. (6 iss.) $99.00
☐ 2 yrs. (24 iss.) . . . $62.00	☐ 1 yr. (12 iss.) $130.00	☐ 1 yr. (12 iss.) $170.00
☐ 3 yrs. $89.00		
FOREIGN RATES		
☐ 1 yr. (12 iss.) $39.00	☐ ½ yr. (6 iss.) $89.00	☐ ½ yr. (6 iss.) $105.00
☐ 2 yrs. (24 iss.) . . . $72.00	☐ 1 yr. (12 iss.) $149.00	☐ 1 yr. (12 iss.) $175.00
☐ 3 yrs. (36 iss.) . . . $99.00		

☐ Check # _____ ☐ Bill me.

☐ Money Order # _____

☐ MasterCard ☐ VISA

Exp. date _____

Card No. _____

Name _____

Address _____

City _____ State _____ Zip _____

PLEASE ALLOW 4 to 6 WEEKS FOR DELIVERY OF FIRST ISSUE.

I want a subscription to **ANALOG Computing**.

MAGAZINE ONLY	WITH DISK	WITH ST DISK
☐ 1 yr. (12 iss.) $28.00	☐ ½ yr. (6 iss.) $60.00	☐ ½ yr. (6 iss.) $84.00
☐ 2 yrs. (24 iss.) . . . $52.00	☐ 1 yr. (12 iss.) $105.00	☐ 1 yr. (12 iss.) $145.00
☐ 3 yrs. (36 iss.) . . . $79.00		
CANADIAN RATES		
☐ 1 yr. (12 iss.) $36.00	☐ ½ yr. (6 iss.) $76.00	☐ ½ yr. (6 iss.) $99.00
☐ 2 yrs. (24 iss.) . . . $62.00	☐ 1 yr. (12 iss.) $130.00	☐ 1 yr. (12 iss.) $170.00
☐ 3 yrs. $89.00		
FOREIGN RATES		
☐ 1 yr. (12 iss.) $39.00	☐ ½ yr. (6 iss.) $89.00	☐ ½ yr. (6 iss.) $105.00
☐ 2 yrs. (24 iss.) . . . $72.00	☐ 1 yr. (12 iss.) $149.00	☐ 1 yr. (12 iss.) $175.00
☐ 3 yrs. (36 iss.) . . . $99.00		

☐ Check # _____ ☐ Bill me.

☐ Money Order # _____

☐ MasterCard ☐ VISA

Exp. date _____

Card No. _____

Name _____

Address _____

City _____ State _____ Zip _____

PLEASE ALLOW 4 to 6 WEEKS FOR DELIVERY OF FIRST ISSUE.

PLACE STAMP HERE.
THE POST OFFICE WILL NOT DELIVER MAIL WITHOUT POSTAGE

THE #1 MAGAZINE FOR ATARI® COMPUTER OWNERS
ANALOG COMPUTING

P.O. Box 1957
Clinton, IA 52735

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 31 WORCESTER, MA

THE #1 MAGAZINE FOR ATARI® COMPUTER OWNERS
ANALOG COMPUTING

P.O. Box 625
Holmes, PA 19043

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 31 WORCESTER, MA

THE #1 MAGAZINE FOR ATARI® COMPUTER OWNERS
ANALOG COMPUTING

P.O. Box 625
Holmes, PA 19043