

-DATABASE DIALER-

Need to keep track of names and phone numbers, club members or client lists and dial them with the help of your computer? Here it is - a general purpose program to create your own custom DATA BASE on DISK or TAPE, then use it to look up and call (or print mailing labels) a few (16k) to hundreds(48k) of friends or customers. The user can create a file heading with eight subtitles. Any of these subtitles can be searched for a match with the user's input. Phone numbers can even be dialed from the computer without using any direct connection to the phone lines!

The program allows you to input, edit, and output any file. It will save to either a printer, disk or tape. The memory requirements are 32K DISK or 16K TAPE. It has some very nice features, such as it's search and find, numeric sum total, and PHONE DIALER routines.

HOW TO LOAD

Turn on your DISK drive, and allow it to stop. Insert this disk, and turn on your ATARI. The program will now automatically load. For tape users type RUN "C:"

FOR DISK: After the program loads, you will see choices labeled A-? depending on the number of data bases established on the DISK. The first time this program loads choices A-CATARIREF, NAMEBOOK, and AUTOBOOK will be seen. We will ignore these choices for now but would expect you after reading this manual and setting up the practice file known as ADDRESS to reboot and practice with all choices.

For tape: Your program starts with 1)Recover file from tape or; 2)Create new file. You could now load the sample data that follows the main program, but for now pick 2. In case of any loading problems there are backup copies the both the main program and the data sample immediately following the first set. You may have to listen to the tape in a regular cassette player to find the 10 second steady tone between programs. This will take time because there are several such gaps on the tape(two sets of program/data).

CREATE NEW DATA BASE

To establish a new disk Data Base file, just press return, and the program then prompts you with CREATE NEW DATA BASE: HEADING ? Respond to the question with the file name, title not to exceed 8 characters(minimum 3), of your newly forming data base. In this case, please type ADDRESS. Press return, and the computer responds with 1 ?..... Respond again with any Subtitle, ie Name, Magazine, Reference material, etc. you desire for line one! In this case please type NAME. Press return, and the computer then will prompt you with 2? Please type ADDRESS. Press return, and the computer now prompts you with 3? Please type CITY ST. Press return, and 4? appears. Please type SPOUSE..Press Return and 5? appears. Please type CHILD...Press return and 6?Appears. Type CHILD again. Press return and 7?shows on the screen. Please

Type TEL. #..Press return and 8?..... appears. Please type MISC....Press return, and the main menu should, in a few moments, be seen. All titles need to be less than 9 characters long.

NOTES...

Any data base you set up in the future that uses the auto dialer will need to have the tel. #'s entered on line 7 only, since the dialer only looks at line 7 to read and sound the number.

We also include a totaling feature (explained later) so place on line 8 any amounts you want to keep track of.

YOU NOW SHOULD SEE..

ADDRESS

Select from the following : ?

- 1 SEARCH FOR INFO.: within data file
- 2 MAKE A NEW ENTRY: to write to file
- 3 REVIEW FILE DATA: line # and names
- 4 SAVE FILE TO T/D: after any change
- 5 DISPLAY ALL DATA: reviews entries
- 6 RETURNS TO BASIC: quit / clear mem

2. MAKE A NEW ENTRY

Press 2 now and we will build some files to work with. You can do this at any time to add more data to your file called address, for example to add more names and addresses. The screen now reads:

NEW ENTRY FOR ADDRESS

- 1 NAME....? you type [ATARI] press return.
- 2 ADDRESS.? you type [1265 BORREGAS AV.] press return.
- 3 CITY.ST.? you type [SUNNYVALE CA. 94086] press return.
- 4 SPOUSE..? you type [WARNER COMMUNICATIONS] press return.
- 5 CHILD...? you type [800] press return.
- 6 CHILD...? you type [400] press return.
- 7 TEL. #..? you type [800-672-1430] press return.
- 8 MISC....? you type [CUST. SERVICE]press return.

The main menu now appears. Press 2 again. The screen now reads 1 NAME....? You type TIME. Press return 6 times until TEL. # appears. Type in 767-1111 or whatever your local time number is. Press return twice. The main menu now appears. One more time press 2. When the

NAME prompt appears type in SANTA CRUZ ED. SOFTWARE. Press return. Then type 5425 JIGGER DR. Press return 3 times until TEL. #.. appears then type in 408-476-4901. Press return twice.

Remember two items please! Only 101 characters are allowed per file line so abbreviate if necessary. Use dashes to separate area code etc. on TEL. #, or you may use no separator. Any other separator will cause problems with the dialer. After you press return for a line entry, to correct it you should enter the remainder of the lines of data for that item, return to the menu, and go to the edit mode to correct the mistake. If you haven't pressed return, use cursor controls.

At this point, practice by entering your own family, friends, and acquaintances in the ADDRESS DATABASE.

above for the rest of this explanation.

1. SEARCH FOR INFO. :

Push 1, and the computer returns the 8 categories originally specified when the DATA BASE is first built. For our example you will see:

SUBTITLE ?

1. NAME....
2. ADDRESS.
3. CITY.ST.
4. SPOUSE..
5. CHILD...
6. CHILD...
7. TEL. #..
8. MISC....

At this point you're being asked to choose (1-8) so the computer can search thru it's files for that subject. Let's push 1. The screen now displays the arrow symbol marking the number you selected and a prompt.

ENTER DATA?

You now respond by typing the name or any part of the name you wish the computer to search for. For example, if you type BOB, and press RETURN the computer will find the first occurrence of BOB and display that file. If that wasn't the BOB you wanted, then press return until the one you're looking for appears. In this case, let's type TAR, the middle initials of Atari, and see what happens. If the computer

redispays the "select from the following:" menu, it means that no match could be found. However we should now see ATARI'S file with address and telephone number. Below this is a sub menu.

Searches are faster if you choose to search subjects near the top of the list. However, this program has the power to do multiple-tier searches. For example, you could press B and still find a name. The computer will accept on the ENTER DATA line, after pressing B, a request, for example, to find a BOB ANYTOWN USA. The computer will search the entire file for a match. Any number of letters and numbers or symbols can be used in the search, but cannot exceed the number, including spaces, of the original file, i.e., Typing ANYTOWNS won't find ANYTOWN in the example but typing ANY will find ANYTOWN.

C CHANGE M MAIN MENU R REPEAT
P PRNTR E ERASE D DIAL
RET CONTINUE

C CHANGE:

If you press change, we go into edit mode to make corrections. All ATARI's editing is active except for the up/down keys. You make any desired change on each line and press return. After B return key strokes the main menu will be redisplayed and all corrections implemented.

M MAIN MENU:

Returns us to the main menu shown earlier.

R REPEAT:

Allows for direct reentry to the SUBTITLE ? menu, so that another search can be initiated without having to reenter the main menu.

P PRNTR:

Will send the data file on the screen to your parallel printer. If you forgot to turn on the printer or interface, the program will warn you at this time.

E ERASE:

Puts us in erase mode and asks TYPE Y TO ERASE ABOVE FILE as confirmation. Any entry other than Y will return you to the MAIN

MENU.

D DIAL:

This option will generate standard phone company touch tone signals from your TV speaker, or a remote extention. The number must have been entered on line 7, and you will need to hold the phone near the T.V. speaker. Some adjustment of the volume control may be required to satisfy the phone company's central office requirements.

Even if your phone may be of the dial type, many phone offices will accept the touch tones also. Try it!

T TOTAL:

Allows you to keep a running total of any numeric items stored on line 8 as you search through a set of data files. For example, say you were going through a set of files called "customers". As each came up on the screen you could add up the amount each owed you (if on line 8) by pressing the T option, and then + or - to add or subtract the current line 8 from the running total.

RET CONTINUE:

By pressing the RETURN key you may continue to search for further files, equal to the characters typed in response to the ENTER DATA prompt on the top of the screen. If no more matches are found, then the program returns to the main menu.

2. MAKE A NEW ENTRY:

For the rest of this manual refer to the earlier MAIN MENU sheet which we now explain. When 2 is selected, we get the prompt NEW ENTRY FOR (ADDRESS in our example). The computer then waits for us to respond to 1 NAME....?, ADDRESS?, CITY ST. thru the 8 original items we entered when the program was first built. Caution:commas are not allowed, since the program uses them as a delimiter.

3. REVIEW FILE DATA:

Depressing 3 displays (15) of the files by file # and subject for quick review. Subject being the first item typed in for each file. Entering the file # at this point will cause that entire file to be displayed. If you press the return key the screen will advance to the next 15 files. The SUB MENU allows you to press M, which returns you to the main menu or E which will put us in EDIT MODE. If E is

pressed, the program then prompts you with FILE #?. Any valid file number may be entered. The screen will then display that entire file, allowing you to edit or change items as needed.

4. SAVE THE FILES:

An important last step after any editing, changing or making new entries, be sure and save the updated files to your favored storage device. When 4 is pressed, we are then prompted with SAVE TO: TAPE or DISK. After this choice, the program will do the necessary work to save your files under the file heading you created initially.

5. DISPLAY ALL DATA:

Depressing 5 prompts you with STARTING LINE? If you don't know what line number you want, simply press return, and the first file will be displayed. Pressing the return key will advance to the next file number displayed until the end is found.

6. RETURNS TO BASIC:

Gives us the message: DO YOU WANT TO CLEAR MEMORY Y/N? A N response allows user to type RUN or LIST the program. A Y response clears the program and file from memory, leaving the computer READY for your next need.

A WORD ABOUT THE DIALER ROUTINE

A circuit design for a hard wire connect of the DIALER to the telephone line is in progress. It will be a do-it-yourself project, with the schematic or the schematic and parts available from SANTA CRUZ EDUCATIONAL SOFTWARE. Those of you interested in not having to hold the phone to the T.V. speaker can write to us indicating your interest in this product, and you will be put on our notification list. We will then notify you of the cost and availability of this item.

IN CLOSING

Now that you have been exposed to the inner workings of this program, you may choose to look at the sample data base files we provided for you. They were selected to show you possible uses for the program in hopes that you will think of many other practical uses.

For disk, three files were provided, (1) ATARIREF, which allowed us to place information about the atari from various sources in a data base. (2) NAMEBOOK, which is very similar to your practice file just entered. (3) AUTOBOOK, A data base, based on automobile records etc. Tape has just AUTOBOOK. For disk, in order to clear memory for a new database, all you need to do is press SYSTEM RESET located on the upper right corner of your computer. This will cause the computer to reload the disk. Tape users must reload the program and use a different data tape.

The amount of records held will depend on your memory size. 16k users shouldn't expect much, of course.

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MINI DATABASE/DIALER

This program allows up to 8 lines of information to be recorded and played back through either your 410 tape recorder or 810 disk drive. Each line of information has a subtitle to identify it, such as name, address, etc. or appointment, time, date, with who, etc. ie. any KIND of record you want to keep. And all of these records can be sorted by multiple subtitles. For example you could look for all appointments on July 23 with someone named Smith.

Besides the above, we offer one more unique feature... Any phone numbers stored in YOUR database can be dialed by merely pressing a button and holding the phone next to the speaker (check with your local phone co. office if they allow "Touch-tone" dialing, most do.). Now if a number is hard to reach, or if you have a large list to dial, your ATARI 400/800 can do the dialing!

Requires 16k minimum tape(24k recommended) or 32k disk, and "touch-tone" phone lines in your area. Note your phone can be the dial type, it's the local office equipment that must allow "touch-tone".