



TraxTM

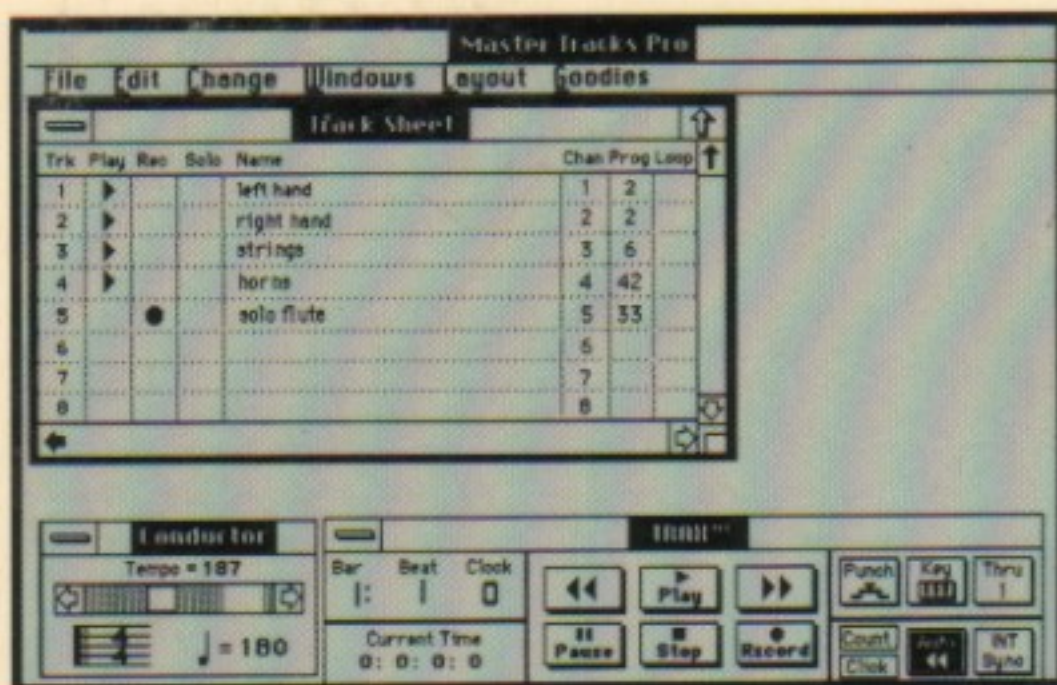


DESKTOP MUSIC
RECORDING
STUDIO.



PASSPORT 

MS-17M
TRAX
MACINTOSH



Personal MIDI Recording Studio

Introduction

Trax is a complete personal MIDI recording studio on a disk. With Trax, you can compose, edit and playback multi-track recordings of any music imaginable, in your office, classroom or living room.

Trax can get you started in the world of MIDI in a clear and organized way. It's Track Sheet lets you record up to 64 different tracks, live or step by step. Compose and arrange music for anything from a solo performance to a complete orchestra. Add music to multimedia performances or for your own personal use.

MIDI is the "Musical Instrument Digital Interface". In combination with MIDI Instruments and controllers and your personal computer, Trax offers you a whole new world of music making. If you ever wanted to record songs, or be a music producer, now is your chance.

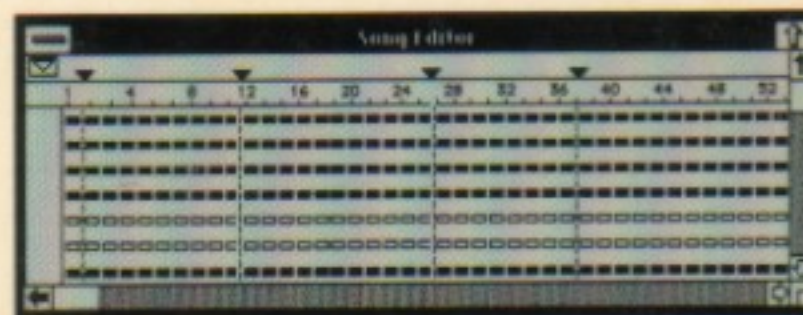
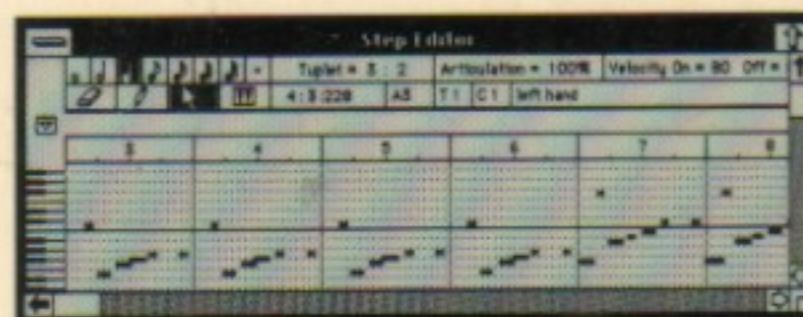
Trax is as easy to operate as a tape recorder but offers so much more. On screen play, record, fast forward and rewind controls move you through the song. On screen graphics display song, track, and note information. View the song and see the different parts in time. Zoom in and out to edit.

Trax supports Standard MIDI Files and Master Tracks Pro™ files. These file formats provide a wide range of compatibility with other music software programs and products. Trax is compatible with virtually any MIDI synthesizer or other MIDI gear.

System Requirements:

Macintosh Plus, SE or II, IBM PC, Amiga 500, 1000 or 2000, Atari 520, 1040, Mega ST, MIDI Cables, Compatible MIDI software, Any MIDI equipment capable of sending and/or receiving MIDI data. A compatible MIDI interface for Macintosh, Amiga or MPU-401 for IBM or a Passport MIDI Transport.

Trax and Master Tracks Pro are trademarks of Passport Designs, Inc. All other products and brands are trademarks and registered trademarks of their respective holders. All features and specifications subject to change.



View your music as measures or events

Sequencer Features

- 64 recording tracks
- Tape recorder like controls
- Punch in and out to correct playing errors
- Conductor track lets you select meter, tempo and beat for each measure
- Record filter to select which MIDI events you will record

Song Editor Features

- Graphically displays track data by measures
- Scroll through tracks and measures
- Cut, Copy, Paste, Clear and Mix editing
- Complete regional editing lets you change Velocity, Quantize, Duration and Transpose

Step Editor Features

- Graphically displays a track of notes
- Input and edit MIDI events in step-time
- Input, Edit and Play from any point in the track
- Move, copy and edit individual MIDI note events
- Step input using the mouse or MIDI keyboard with velocity
- Change a note's pitch or timing by clicking on it and dragging it to a new position
- Click on a note to edit pitch, channel, velocity, start time and duration
- Supports triplets and other tuplets
- Insert new events or edit existing ones
- Cut, Copy, Paste, Clear and Mix MIDI data
- Access any parameter for editing and precise control
- MIDI Delay and track shifting
- Zoom In or Zoom Out on data



625 Miramontes Street
Half Moon Bay, Ca 94019
(415) 726-0280



TraxTM

For Macintosh

~~PASSPORT.~~

©1990 Passport Designs Inc.
All Rights reserved.

TRAX™ v 2.0 for Macintosh

Installation Guide / Manual Addendum

Please read this before running Trax!

Please Note: When you first boot Trax, you must enter your name and/or company name to register as the owner of Trax. Trax should then boot - If Trax returns to the desktop after registration, you should make sure that your disk is not locked. You will only need to do this the first time you run the program. Note that your disk must not be locked for proper registration of your name.

Important ! The enclosed Trax disk does not contain a System Folder!

For Floppy Disk Users: In order to use Trax, you must first start (boot) your computer from a disk that contains a System on it, eject the System disk, then insert your Trax disk. To run the program double-click on the Trax icon.

For hard Disk Users: In order to use Trax, you must first start (boot) your computer from your hard disk, then insert your Trax disk. To run the program double-click on the Trax icon.

We recommend using System 6.0.2 or greater - see below for more information
The rest of this installation guide describes how to use Trax with a MIDI interface connected to either your Modem or Printer Port. Please read this entire document before using Trax for the first time!

MIDI Setup - MIDI software requires the use of a "driver" to send information out of the Macintosh modem and printer (serial) ports. The MIDI Setup item in the Goodies Menu gives you the choice of using either the Trax MIDI driver or the Apple MIDI drivers (MIDI Manager). Which one you use depends on if you are using other MIDI software and what kind of computer you have. *If you do not have any other MIDI software that supports the MIDI Manager we recommend using the Trax driver.* When you first boot Trax, it comes configured for the internal Trax Drivers, set to use the Modem Port.

The Trax MIDI Driver - Using the Trax MIDI driver is the most common and reliable method of using Trax and your MIDI Instruments. When using the Trax MIDI Driver, you can have your MIDI Interface connected to either the Modem Port or the Printer Port. You can choose the port you wish to use in the MIDI Setup dialog. Click on the proper button to select the Port. Trax can only use one port at a time.

The Apple MIDI Driver- the Apple MIDI drivers (with MIDI Manager/PatchBay) can best be used reliably on faster Macintosh computers (- SE/30 & Mac IIc). **MIDI Manager** -MIDI Manager, a System program from Apple computer, was designed to enhance the Macintosh operating system to support MIDI. The PatchBay lets you "connect" MIDI software to the ports and other programs. MIDI Manager and PatchBay only useful if you have more than one application using MIDI. Using MIDI Manager on slower a Macintosh (Mac Plus or SE) is generally inferior to using the direct Trax MIDI drivers. (The MIDI Manager takes up extra space in your system and processor speed.) Apple does not recommend using MIDI Manager on these machines until they release version 2.0 of the MIDI Manager (planned for Fall 1990). You can use the Apple MIDI Manager only if you have at least 2.5 meg of memory in your Plus or SE and are using System 6.0.2. MIDI Manager can be used with great success on a Mac SE/30 and the Mac IIc series computers.

Installing Apple's MIDI Manager™ and PatchBay™ - Trax initially comes configured to use its own MIDI Drivers. To change this and run Trax under MIDI Manager you must first "install" the MIDI Manager and the Apple MIDI Drivers into your System (you only need to do the following procedure once). Please follow the directions specific to your computer:

FOR A MAC PLUS / SE - IMPORTANT! - You must have at least 2.5 meg of memory in your Macintosh in order to use the MIDI Manager.

- 1) Insert the Trax disk into your Mac then select the files "MIDI Manager™.patch", "Apple MIDI Driver 1.1", "PatchBay™ DA" and "PatchBay Help" in the folder named "For Plus/SE", and copy them to your Mac's System.*
- 2) Using the Font/DA mover (from your Apple System Disk), install the PatchBay DA into your System. Refer to your Apple manual.
- 3) Re-start your Macintosh and Run the PatchBay™ DA.

FOR A MAC SE/30 or Mac II - 1) Insert the Trax disk into your Mac then select the files "MIDI Manager™.patch", "Apple MIDI Driver 1.2", "PatchBay Help" and the "PatchBay" application in the folder named "For Faster Macs", and copy them into your Mac's System Folder.*

- 2) Re-start your Macintosh under MultiFinder and run the PatchBay™ program by double-clicking on the PatchBay Icon.

**Note: These files must appear directly in your System Folder- do not leave them or put them in any other folder other than the System Folder. Also, do not change the names of these files - they must appear as originally named directly in your System. See your Mac manual if you don't know how to copy and move files.*

Using the MIDI Manager

With the Apple MIDI Driver, MIDI Manager and PatchBay in your System, Trax will automatically connect to the Apple MIDI driver when you start Trax (if it has been previously set to use the Apple MIDI Driver) or when you choose "Apple MIDI Driver" in the MIDI Setup dialog. You can then choose the port that Trax can use and can also "connect" Trax to other MIDI applications that support the MIDI Manager. Please read the PatchBay Help file by clicking on it after you have installed MIDI Manager.

Important Note: The Apple MIDI Manager is currently incompatible with the Apple Chooser. Apple strongly recommends that you do not open chooser while using a MIDI manager program. Doing so will lock your Modem port so that it cannot be used for modem software. If this does happen: 1) Re-start Trax with Apple MIDI Manager selected., 2) Quit Trax, 3) Open the Chooser desk accessory, 4) Close the Chooser. This will then allow the use of the modem port.

Remember, if Trax is your only MIDI program or if you have a Mac Plus or SE, we strongly recommend using the Internal Trax MIDI Driver**.

**A note about Click Setup:

There is an exception to the above suggestion. When using an SE/30 or any other "fast" Macintosh, the MIDI Manager is required to produce the "Internal" click. Trax will know if the MIDI Manager is not being used and display a grayed out "Internal" click dialog choice. However, when using the MIDI Manager, Trax cannot use the internal click and use any other program that uses MIDI and the Apple Sound Chip (this includes Sound Exciter™). You should use the sound program to generate a click with MIDI via the PatchBay - simply connect the output of Trax to the input of the sound program.

TRAX 2.0 NEW FEATURES! - Trax 2.0 offers some enhancements to the original version of the program. Among these are:

An Instrument Field has been added to the Track Sheet - Each track is now capable of remembering it's assigned Device. Clicking in the Instrument field brings up a dialog which shows a matrix of patch names. A popup menu lets you choose a specific Device (such as MT32, Proteus, or M-1). When a device is chosen, the matrix displays it's factory patch names. You can use the arrow keys on your computer keyboard to move to different patches or use the mouse to select them. When a new patch is selected, the program change will be sent out in real time on the assigned Channel that appears in the Channel Field. If no Channel is assigned in the Channel Field (a dash appears instead of a number) then no program change is sent out and the program name will appear 'greyed out' in the Track Sheet. Clicking on OK, or pressing Return, or double clicking on a patch name will return you to the Track Sheet with your selection appearing in the Instrument Field. Or, you can type in the program number if you know it and click OK or press Return. Holding down the Option key while you select a Device and then clicking on OK will change all tracks' Instrument Fields to display patches for that device.

A Mixer has been added to the Track Sheet. - Volume faders appear to the right of the Loop Field. These faders appear 'greyed out' when in their disabled state. Clicking on the thumb of a fader enables it and double clicking on the thumb disables it and moves it to the left side of the mixer. Dragging the thumb changes the volume setting that will be sent out just before your sequence plays. As you drag the fader, the volume changes are sent out in real time on the assigned Channel that appears in the Channel Field. If no Channel is assigned in the Channel Field (a dash appears instead of a number) then no volume change is sent out and the fader appears 'greyed out in the Track Sheet. When a fader is 'greyed out', it is disabled and no volume change is sent out before the sequence plays. In other words the synth (or receiving sound module) will stay at it's present volume setting.

A Pitch Bend Range item has been added to the Change menu. - This allows a song recorded on a synthesizer set to one pitch bend range (for instance 12 semitones for the full range of the pitch wheel) to sound the same when played back on a synthesizer set to a different pitch bend range (for instance 2 semitones for the full range of the pitch wheel).

READ THIS FIRST !

Before you call Customer Service

As software and hardware gets more complex, problems can occur with even seasoned users. At Passport we seem to get many of the same questions over and over and most of them can be answered by yourself with a little troubleshooting. Please read the following before you call, because we will ask you the same questions ! If you still have a problem, please feel free to call the customer service department between the hours of 9 AM and 4PM PST.

What and Where is your problem?

There are three main parts of a computer music system - The MIDI system, the computer system, and the software. As with any complex problem, you should find exactly where in your system you are having your problem.

The first step to isolating the problem is by going *directly* from a single synthesizer to your interface. This is because other MIDI devices and accessories (Switcher boxes, MIDI patch bays and Mergers) can alter MIDI data and can unnecessarily confuse you when searching for the problem. If what you were trying now works then add each piece of equipment back one at a time into your system to find the offending device. Also, try different MIDI cables at least once. If the problem still occurs, then you may have a software problem.

Common Problems

Since bizarre, unrepeatable problems do seem to occasionally crop up in many programs from many manufacturers, here's a general list of things for people to try in situations like this.

Problems with the MIDI system :

On the MIDI side, problems arise from keyboards and modules that are not set to the proper channel(s) or that are not properly connected. Before you call, please become familiar with the operating system of your synthesizer or module.

Problems with the software :

MIDI Setup: Make sure that the MIDI Set Up Window (found in the Goodies Menu of most programs) is set for the proper serial port - Modem or Printer, and that a cable coming from that port is going into the appropriate port on your interface.

Play enable: Make sure that the proper track(s) have been set to play

Thru: Many times people can't hear a module either because of it's channel is not set right or the "THRU" function of the software is not "ON" or set to the right channel.

New Versions: Always use the newest version of the program - many things change from version to version - don't assume that just because you never had a problem in the past that the update doesn't affect you. (Please call us if you are unsure if you have the most recent version).

In addition, when using a new version, you should always throw away the "Preferences" file (If there is one) from the old version of the program, and re-save one from the new version.

Problems with the Computer system :

Many people have called with problems, only to find that their computer has a problem. *Check your Computer system by trying other programs!* Another MIDI program or even a word processing program, just to verify that the computer works.

Printing Problems

Printing problems are often a result of improper computer/printer configuration. If you have a problem with one of our printing programs make sure you can print with something else, like a word processing program, to check if your printer is working before calling us.

General Solutions

Please Read the Manual !

One of our favorite solutions, we highly recommend this procedure. Even simple programs may have features that will make your life pleasant - these are often found deep in the manual. Also, reading the manual often results in a smaller phone bill.

Try Running the program from the Master Disk

Try running the program from the original floppy, with the System and Finder from the original floppy. System files are becoming increasingly customized and are prone to corruption.

Try De-Installing and Re-Installing

Try de-installing the application from your hard disk and then re-installing it. (We must stress that de-install means actually removing the application following the instructions on the Master disk - not simply dragging it to the trash.) If the problem goes away when running the original program with the original System and Finder, the problem is most likely an incompatibility with something in your system, or perhaps a non-MultiFinder-friendly application, if your problems only happen under MultiFinder. Try removing INITs from your system by putting them somewhere besides the System Folder and rebooting. (An INIT is a file, which, when placed in your System Folder, adds new capabilities to your Macintosh, like remembering and recalling a series of keystrokes, or sounding an alarm at a given time.) If the problem is still there, perhaps the System is corrupted: try replacing it from an original (Apple) factory System disk. If removing INIT's made the problem go away, try adding them one by one until it reappears.

Try to repeat the problem

If the problem still exists when running from the original System and Finder, you may have found a previously unknown bug. Try to reproduce it several times, following the same procedure, before you assume that it is a bug. If you can consistently repeat the problem - call us!

Multi Finder Problems:

Remember that MultiFinder is a new concept to the Macintosh. Because it runs several applications at once the number of possible problems is multiplied by the number of programs being run. MultiFinder itself absorbs about 300+K of memory. Make sure you've allocated enough memory for the application. Simply select the application in the Finder, then select Get Info from the Edit menu. The amount of memory allocated will be displayed. If you are using a great deal of memory try increasing this amount. Also, try running our program alone - if the problem goes away then there may be a problem with the other program.

Known Potential Problems:

As of the date this insert was created, the following Macintosh programs/DA's have been known to cause problems-

The Passport HD install program will not work with "Gate Keeper" - a public domain virus protection program.

The "Stepping Out" screen extender program does not appear to be compatible.

The DA "Pyro" often causes problems, especially on Mac II's.

Mac II / SE-30 Note: Due to hardware/software differences in Mac II and SE-30 computers, the Click (Metronome) does not operate. You should use the MIDI Click Setup found on most programs.

If all else fails Call us! Maybe it is a known bug that has already been corrected. Passport Customer Support can be reached at (415) 726-0280 from 9:00 to 4:00 PM PST.

If you do call, make sure that you start by telling us:

- 1) The name of the program you are working with
- 2) The version number of the program
- 3) The exact configuration of your computer system and the keyboard/sound module(s) you are using.

You should also tell us the version number of your System and Finder, and if you have any INITs, CDEVs, DA's or extra hardware (accelerator card, ram card etc.) in your computer.

Document your actions! When you call try to describe exactly how to make the problem occur. The more specifically you can describe the problem, the more likely it is that the cause will become apparent to you.

This information will allow us to zero in on your problem faster. We also recommend that you be at your setup with the program booted when you call, if possible.

We know it is sometimes difficult to get through to customer service, please be patient with us - we do return all calls. Also note that sometimes it will be necessary to wait for a period of time while we research.

We want to solve your problem !!!!

Passport Designs Inc. 625 Miramontes St. Half Moon Bay, CA 94019



CLUB PASSPORT™



**Join This Exclusive Passport
User Group and Receive:**

*Software Discounts
Newsletters*

Free PAN Membership

Exclusive access to a Club BBS

Disk Insurance

Plus a Free Gift

WARRANTY REGISTRATION CARD

Tear Here

Our Warranty Plan

Thank you for purchasing our product. To register as the owner of this product, you must complete and return this card within 10 days after purchase. We strongly recommend that you do register as a user, as this will entitle you to receive full warranty protection, and customer service. If you need to call Passport for technical assistance you must state your full name and the serial number (if any) as it appears on this card. Please have your user manual available for reference. It is important that you read the license agreement in full before breaking its seal. For further warranty information consult the warranty information in your user manual.

Please Note: If you have purchased a copy-protected software product, you **MUST** return this card with \$10 shipping and handling to Passport in order to receive a back-up copy of your program.

Join the Club!

Congratulations, you have just joined the world's largest group of MIDI software users. You can get truly connected to your fellow users by joining the only official Passport user's group, *Club Passport*™.

Future Savings

As a member you will receive a discount on all upgrades, typically 50% or up to \$100. In addition you will receive advance notification of program improvements, upgrades and other priority information.

Disk Insurance

When you join Club Passport, all of your software warranty privileges are automatically extended for an entire year. So if you drop your disk in the swimming pool or your friends use it as a coaster, we'll replace it for just the cost of shipping (instead of the usual \$35 for non-members). Plus, these privileges can be extended indefinitely with the renewal of your annual membership.

Newsletter

As a Club member you will receive *CLUB PASSPORT NEWS*, Passport's quarterly user newsletter which includes technical assistance, product information, special offers and product tips from expert users.

Connections

Your Club Passport membership includes a membership to PAN, the computer network for performing musicians: a \$150 value (connect and network charges not included). You will also have Access via your membership number to an exclusive section of PAN which is restricted to Club Passport members only (some restrictions may apply).

Passport disk wallet

Every member will receive a free Passport nylon disk wallet to take up to 12 of your 3 1/2" diskettes on the road!

Membership fee

\$45 annually.

Your Vital Statistics

Are you a Club Passport Member: ☐ Yes, Club # _____ ☐ No

Product purchased MS17M V2.0 Serial number _____

Name _____

Address _____

City _____ State _____ Zip _____ Country _____

Age _____ Phone (____) _____ Occupation _____

Purchased from: _____

What computer(s) do you own? _____

What MIDI equipment do you own? _____

Where did you hear about this product? _____

What magazines do you read? _____

Do you own a modem? _____

Comments: _____

Signature: _____

***Important!** For products that contain two sizes of disks, only one back-up will be sent. Please print all information. You must complete one warranty card for each product.*

☐ **Yes, Make Me a Member!** Enclosed is my \$45* membership fee to join **Club Passport™**.

☐ Please send me a back up disk. Enclosed is \$10* payment for shipping and handling.

PLEASE INDICATE SIZE OF BACK-UP DISK DESIRED!

☐ 3• 1/2"

☐ 5• 1/4"

Form of payment
Credit Card Number

☐ Check/Money Order ☐ Mastercard ☐ VISA
Exp. Date

Name on Card

*CA. Residents must include 7% sales tax



CLUB PASSPORT

625 Miramontes St. Half Moon Bay, CA 94019



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

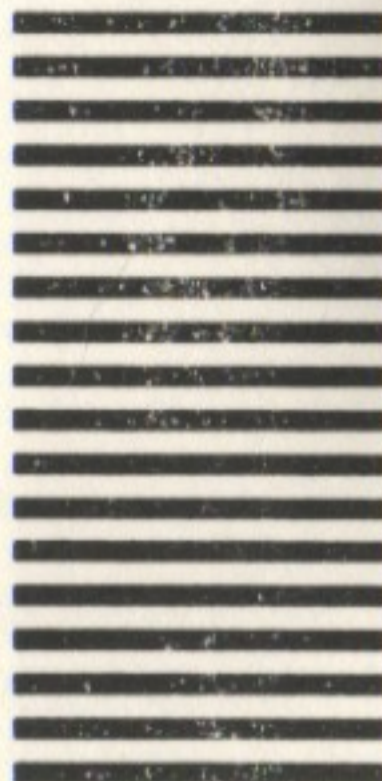
FIRST CLASS PERMIT NO. 22 HALF MOON BAY, CA 94019

POSTAGE WILL BE PAID BY ADDRESSEE

Passport Designs, Inc.

625 Miramontes St.

Half Moon Bay, CA 94019



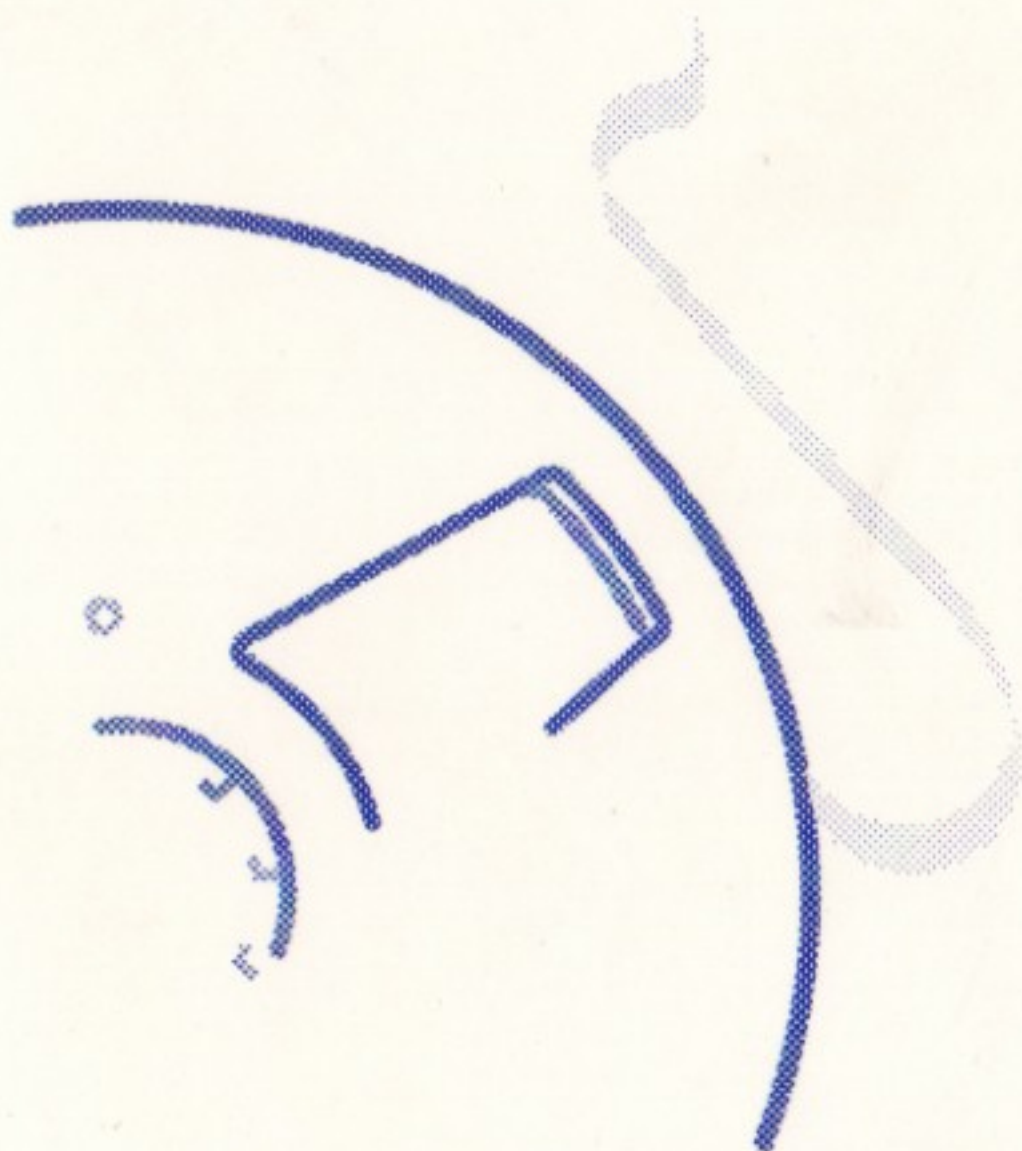
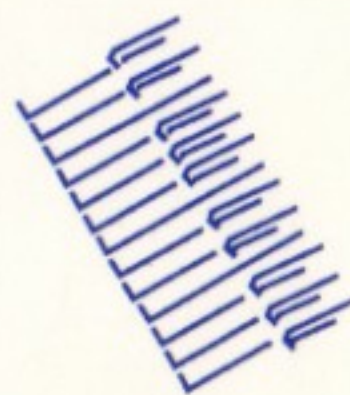
Fold Here

Place Tape Here



TraxTM

Users
Manual



PASSPORT[®]





Passport

625 Miramontes St.
Half Moon Bay, CA 94019
(415) 726-0280