

Horizon RAM Disk Setup with MAME

By SHIFT838

Version 1.0

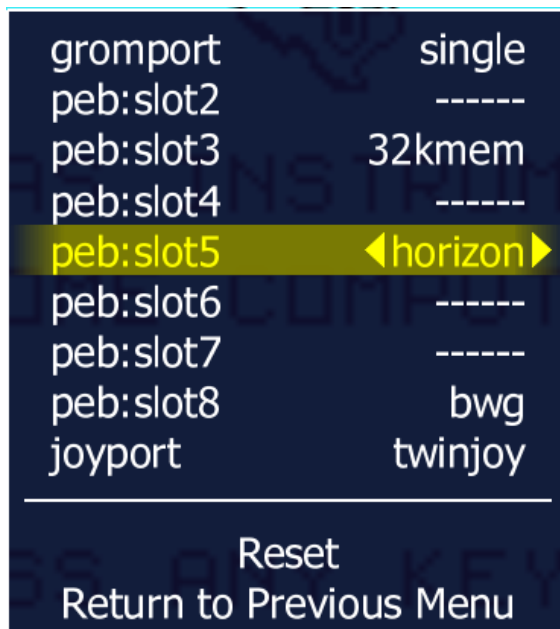
Last Updated: 8/26/2016

This document was setup using the **MAME0176B**

When the RAM Disk is configured the data is saved in the "*\nvram\ti99_4a*" or equivalent machine type in a file for example called: "*peb_slot5_horizon*" (this is an example). All Data is saved there for the RAM disk.

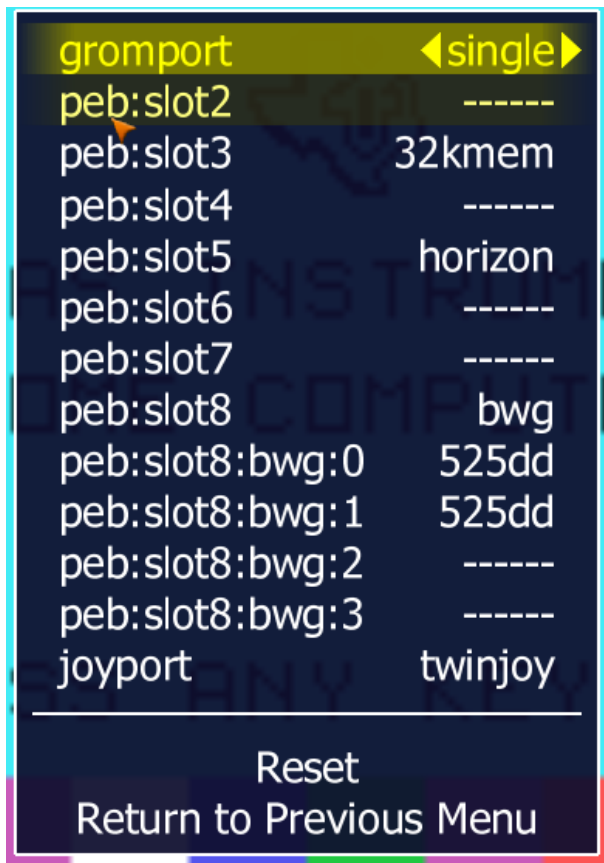
I suggest once you have the configuration you like then save it to a batch file for easy access every time.

1. Boot into **MAME** and the **TI-99/4A ROM**
2. Bring up the **MAME** menu by pressing **SCROLL LOCK** then **TAB**
3. Select the below or something to your preferences

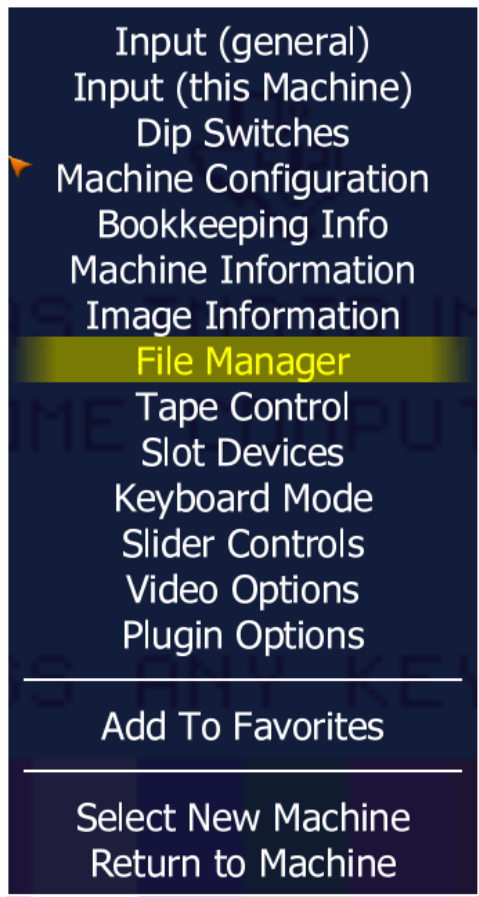


4. **Reset** the machine
5. Bring up the **MAME** menu by pressing **SCROLL LOCK** then **TAB**

You should see:



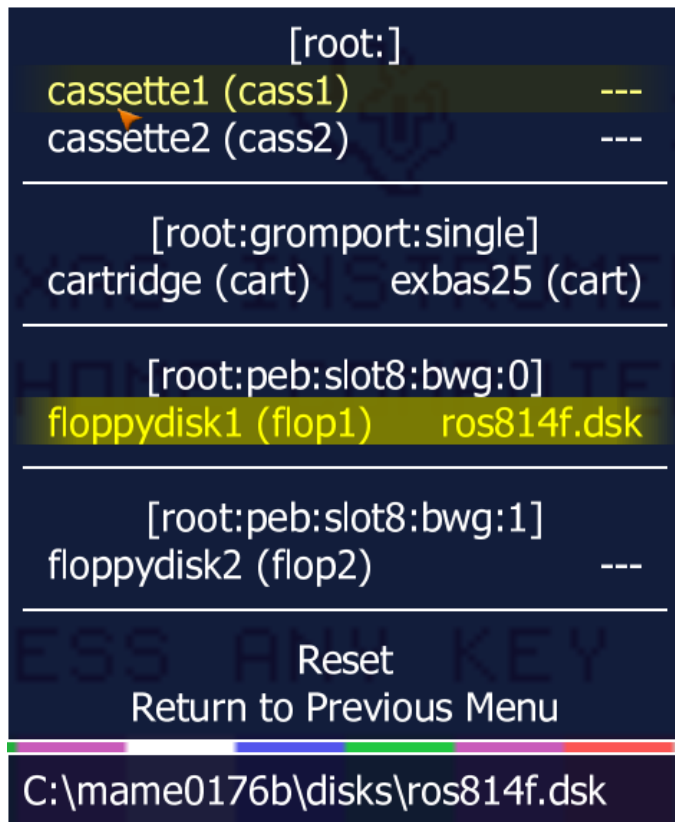
6. Press **ESCAPE** to go back to previous menu
7. Go to '**File Manager**'



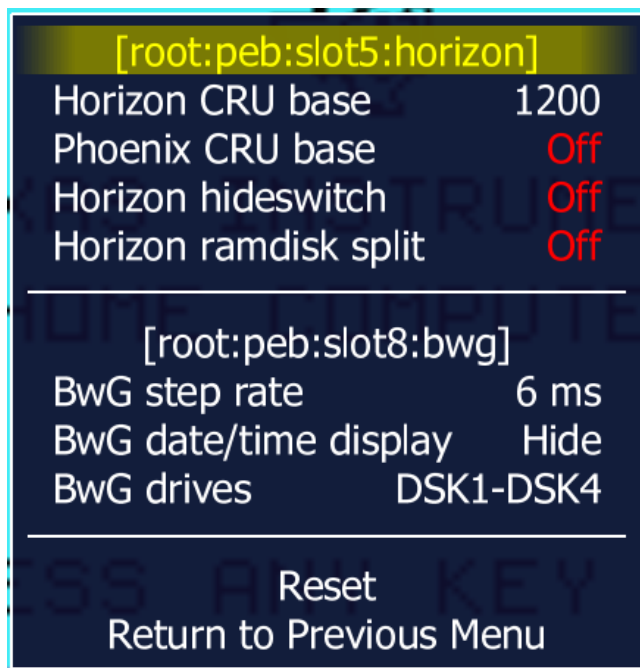
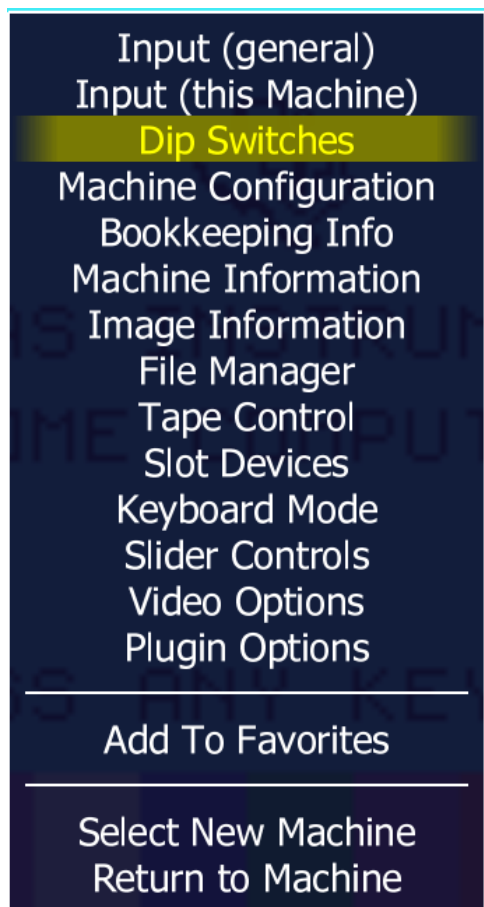
8. Select '**ROS814f.dsk**' to mount to disk #1

Note: You will need to browse to where you saved the ROS disk file.

9. Load Extended Basic cartridge into the cartridge port (I use the 2.5)



10. Press **ESCAPE** to go to the previous menu
11. Go to '**Dip Switches**' and verify the Horizon RAM Disks settings as shown below:



12. Press Escape until completely escaped from **MAME** menu system. Press **SCOLL LOCK** to disable mame menu system.



13. Press any key and go into Extended Basic



14. Select '1' for CONFIG Loader/Editor

Once loaded it will show the detected RAMDISK(s)

```

RAMBO/HORIZON CONFIG  TEST RESULT SCREEN
COPYRIGHTED 1990 BY OPA AND GARY BOWSER

CARD  DEFINITION OF  ! TOTAL  RAM-  RAMBO
ADDR.  CARD SOFTWARE  ! SIZE   DISK  RAM
-----
>1100  DRIVE CONTROL
>1200  RAMBO/HORIZON  * 2048K   OK  2040K

HIT ANY KEY FOR CONFIG OR FCTN = TO QUIT

```

15. Hit **ANY** key to go into the **CONFIG**

```

CARD  DEFINITION OF  ! TOTAL  RAM-  RAMBO
ADDR.  CARD SOFTWARE  ! SIZE   DISK  RAM
-----
>1200  RAMBO/HORIZON  2048K  2048K   OK

QUIT NEXT LOAD : NO VALID ROS LOADED

```

16. Press 'L' key to load a ROS

```

LOAD ROS8 FROM:DSK1.ROSTICC

```

17. Press Enter after **DSK1.ROSTICC** and press ENTER

Once loaded you will see the below screen:

CARD ADDR.	DEFINITION OF CARD SOFTWARE	TOTAL SIZE	RAM-DISK	RAMBO RAM
>1200	RAMBO/HORIZON	* 2048K	OK	2040K
LEN/NAME			LEN/NAME	
4	MENU	2 U4	2	U7
3	MGR1	2 U5	2	U8
3	CFG	2 U6	2	U9
SCREEN COLOR: 5 TOTAL SECTORS: 8184				
TEXT COLOR: 16 POWERUP DN? Y				
User DSR:				
VERSION: ROSTICC 8.14-F 04/22/93				
QUIT NEXT LOAD SAVE FONT EDIT Dsk USER				

18. Press 'E' to edit the configuration

19. Keel all defaults but change the '**Power On**' setting to 'N' (NO).

(Cycle through each entry by press **ENTER**)

CARD ADDR.	DEFINITION OF CARD SOFTWARE	TOTAL SIZE	RAM-DISK	RAMBO RAM
>1200	RAMBO/HORIZON	* 2048K	OK	2040K

LEN/NAME	LEN/NAME	LEN/NAME
4 MENU	2 U4	2 U7
3 MGR1	2 U5	2 U8
3 CFG	2 U6	2 U9

SCREEN COLOR: 5 TOTAL SECTORS: 8184
 TEXT COLOR: 16 POWERUP DN? N
 User DSR:
 VERSION: ROSTICC 8.14-F 04/22/93
 EDIT YOUR RDS, OR PRESS FCTN 9 TO EXIT

20. Press 'D' to configure the HRD disk drive assignments.

#	DISK NAME	W/P	FORMAT	SIZE
5	DSK5	N		1600
6	DSK6	N		1600
7	DSK7	N		1600
8	DSK8	N		1600
9	DSK9	N		1600
	*	N		
	*	N		
	*	N		
	*	N		
	*	N		

INPUT NEW DRIVE NUMBER. 1 TO 9 & A TO Z

When entering the disk information please note that **1600** sectors is the maximum I have found with this configuration. Ensure to hit 'Y' under the format column.

21. Press **FCTN 9 (ALT-9 in MAME)** when done.

CARD ADDR.	DEFINITION OF CARD SOFTWARE	TOTAL SIZE	RAM-DISK	RAMBO RAM
>1200	RAMBO/HORIZON	* 2048K	2000K	40K

LEN/NAME	LEN/NAME	LEN/NAME
4 MENU	2 U4	2 U7
3 MGR1	2 U5	2 U8
3 CFG	2 U6	2 U9

SCREEN COLOR: 5 TOTAL SECTORS: 8184
 TEXT COLOR: 16 POWERUP DN? N
 USER DSR:
 VERSION: ROSTICC 8.14-F 04/22/93
 QUIT NEXT LOAD SAVE FONT EDIT Dsk USER

22. Press 'Q' to quit.

23. Press **FCTN**= to quit to TI Title Screen (**ALT +=** in **MAME**)

Now you can access your disk drives for the HRD. To test go into a Disk Manager to catalog or if using Extended Basic 2.5 or higher then go into XB 2.5+ and hold any key to bypass load program (or eject disk).

Type : **CALL CAT("DSKx.")** Where **x=DISK DRIVE #**

```

DSK5.      Diskname= DSK5
Available= 1598    Used= 2
Filename    Size    Type    P
-----
>

```