

EPROM BOX for the HP-41 -
 HHP CARD READER PORTABLE EPROM BOX (W&W SOFTWARE)



Characteristics:

- Size of an application module
- CMOS EPROM technology
- EPROMs can be erased with ultraviolet light
- Re-programmable
- Four Models (4K, 8K, 16K, 32Kb, & potentially 64Kb)
- Low initial investment
- Quick software turn-around time
- Ideal when no EPROM module or card-reader is necessary.

The EPROM box with the size & shape of a card reader! It plugs in just like the card reader (using only one port), but it stores up to 32Kb of EPROM storage.

Now you can have huge application programs or giant amounts of fixed data at your fingertips. Application areas include survey calculations, oil field computation, flight support, insurance analysis and other areas where small size and large memory requirements are essential.

Programming for the EPROMs can be accomplished through using an EPROM Programmer or supplied by an EPROM burning service.

Stock #41-526 (EPROM Box).....145.95



My current Eprom setup.

With the current 32Kb Eprom the switch differs from the pinouts shown @right-->:

Plug A: 111111 (for 32Kb Eprom) & Plug B: 1000 (for page 8 start address). It runs OK.

--- If fitting a 4Kb (say; JimRom) it should be:

Plug A: 000000 & Plug B: 1000 (memory address page 8) on the HP41.

-- To open the case, unscrew ONLY the 3x white topped screws. Eproms can then be unplugged & changed.

*Eprom 2715 & 2732 RightJustify in socket
 UpperPlug is U2 bits. LowerPlug is L8 bits.
 I.E 4 Leftmost Sockets are unused.*

*UpperBlock of Switches are Plug A
 LowerBlock of Switches are Plug B
 Plug A=EpromType, Plug B=Address*

Plug A:-	Setting	Plug B:-	Setting
4Kb 32/16	00000000	Uses Hex 4 Bits	
8Kb 64/16	00000011	Adr Block 0=0000	
16Kb 128/32	00001111	" " 8=1000h	
32Kb 256/64	00111111	" " C=1100h	
64Kb 512/128	11111111	" " F=1111h	
0 = Up/Off.		1 = Up/On.	
1 = Down/On.		0 = Down/Off.	

My interpretation of the following:

-- SWITCHES by DESCRIPTION:

The HHP Portable Eprom is a 32K Eprom Box.

It can only have 4 size configurations:

4K (one 2764 for L8 & one 2732 for U2)

8K (one 2764 for L8 & one 2732 for U2)

16K (one 27128 for L8 & one 2732 for U2)

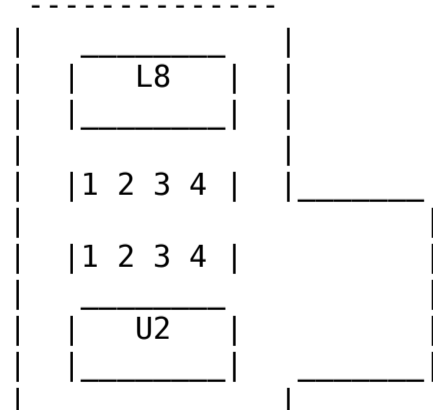
32K (one 27256 for L8 & one 2764 for U2)

2732, 2764, 27128 & 27256 are blank or programmed Eprom models.

There is 2 DIP switches:

one for memory size & L8 chip type

one for port address



The top DIP switch defines the MEMORY SIZE & L8 type of eprom chip used as shown in the table below.

The bottom DIP switch defines the HP41 port address desired for the Eprom memory.

SW	MEMORY SIZE			L8 CHIP TYPE
	1	2	3	4
4K	+	+	+	+ for 2764
8K	-	+	+	or 27128
16K	-	-	+	
32K	-	-	-	- for 27256

SW	PORT ADDRESS			
	1	2	3	4
port 1	-	+	+	+
port 2	-	+	-	+
port 3	-	-	+	+
port 4	-	-	-	-

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 SW for switch
 + for up
 - for down