

The cassette tape images in this folder and sub-folders can be loaded through the serial port (printer port) on the Poly-88 when a cassette and/or cassette interface board is not available.

The following instructions assume the Porex PROM is present in the 2nd PROM socket. See the Porex folder for more information.

The program PTAPE in this folder duplicates the tape loader in the Poly-88 PROM except it reads the tape image through the serial port (printer port) instead of the cassette port. Both the "P" (Polyphase) and "B" (Byte) selections configure the printer port for 2400 baud, asynchronous format.

To send a cassette image file, set your terminal emulator for 2400 baud, 8N1. The terminal emulator must be capable of sending 8-bit binary values. At the Porex command prompt on the Poly-88, enter the following commands:

- 1) Use the Set Baud command to set the baud rate to 2400 (e.g., SB 1B).
- 2) Use the Hex Load command (e.g., HL) to load PTAPE.HEX via the serial port.
- 3) Use the execute command to (e.g., EX 7000) to execute PTAPE. The default load and start address is 7000h. This fits in a 32K system and still provides enough room to load BASIC.

PTAPE duplicates the user interface of the ROM tape loader: The screen is cleared and the loader waits for P, B, or C to be typed, followed by the file name to load. As mentioned above, the P and B formats are the same when running PTAPE.

Patched versions of the Assembler, BASIC, FORTH and the memory dump utility (SMD) that use the serial port for loading and saving programs instead of the cassette are ASMP.CAS, BASICP.CAS, FORTH.P.CAS, and SMD.CAS. Within these programs always choose the "B" (Byte) format. In BASIC, for example: LOAD,CRAPS,B

Since PTAPE is fairly high in memory, it is quite possible that the program has not been over-written as you load tapes, so simply resetting the computer to return to the Porex prompt and then issuing the "EX 7000" command may be sufficient to re-start PTAPE and load another tape image.