

PERKINS ENGINEERING

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Dear Customer,

Thank you for your interest in the Blue Ram and its accessories. We sincerely appreciate your patronage. We are sending this letter as a means of keeping in touch with our many valued customers and to provide insights concerning the methods by which the Blue Ram can be used to store BASIC programs. It is our strong intent to continue supporting the Blue Ram product line and the Bally/Astrovision Arcade to the fullest.

BASIC statements can be stored in the Blue Ram in two ways. The first method consists of appending statement extensions to existing normal BASIC statements. A program to help you experiment with this method is shown below: (Also see ARCADIAN pages 15 and 16, Vol. 3, #2)

```
1 PRINT A
2 BOX CX,CY,6,8,1:K=KP:TU=K:&(192)=0:%(A)=K:&(64)=0:A=A+1:GOTO 1+(K#13)+(K=31)+(K=104)x
  2+(K=92)x3
3 A=A-1:GOTO 2
4 FOR B=24576TO A-(A#24576):TU=%(B):NEXT B:GOTO 1
5 &(192)=0:%(A+2)=(A+4)/256-14030:%(A)=RMx256+17:&(64)=0:A=A+4:TU=13:GOTO 2
```

(Initialize the program with: CLEAR :A=24576:RUN)

The statement number (address) will print at the beginning of each new line. If this line is to be appended to an existing line, enter a back-slash (\) to generate the required linkage and use a CALLnnnnn in the existing line (where nnnnn is the statement number printed just prior to the back-slash. For example:

```
24576
\
:PRINT "THIS IS A TEST"
24600
APPRIENT "THIS IS ANOTHER LINE"
24626
AEGOTO 60

50 PRINT "LINK TO BR":CALL24576
60 PRINT "STOP":STOP
```

Note that lines may be of any length but there is no facility here to edit lines other than the erase key to back up and over-write what was just entered. Line appendages must begin with a semi-colon (;). Non-appended lines must begin with a two character line ID which is not processed but which must be present. Once the program is written into the Blue Ram, place the mode switch to ROM and load the utility program to dump the Blue Ram segment to tape. The limits of the segment will be 6000 > the hexadecimal equivalent of (A-1) before the utility was loaded. Up to 4220 additional bytes of program may be entered using this method.

If you are seriously interested in programming the Blue Ram in BASIC, we suggest that you try the Blue Ram Operating System (1.0) at \$9.95. This program tape allows you to enter programs into the Blue Ram with the same ease you are used to with Bally BASIC. To make things even easier, line editing is included to allow fixing or moving lines without retyping them.

Our best wishes for your continued enjoyment of the Bally Arcade and Blue Ram...

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