

HP-41C Video Box Routine 1 by Michael Markov  
PPC Calculator Journal V10 N3 Pg 22 Apr 1983  
This version uses normal looping with labels

```

01 LBL 00          ;Display 30 reverse-video spaces (top/bottom)
02 OUTA           ;Display previous contents of ALPHA register
03 "\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0"
04 OUTA           ;Display 15 reverse-video spaces
05 OUTA           ;Display 15 reverse-video spaces
06 ASHF           ;Shift ALPHA left 6 places
07 ASHF           ;Shift ALPHA left 6 places, leaving 3 r-v spaces
08 RTN
09 LBL "BOX"      ;Print a box
10 "\1BH"        ;Home the cursor
11 XEQ 00         ;Display 30 reverse-video spaces (Line 1)
12 12
13 >"\A0\0D\0A\08\08"
14 CHS
15 LBL 01          ;Display box sides, 2 columns right, 2 left
16 OUTA           ;Display two reverse-video spaces on right,
17 ISG X           ;two r-v spaces on left, carriage return,
18 GTO 01          ;line feed, two back spaces 13 times total
19 XEQ 00          ;Display 30 reverse-video spaces (Line 1)
20 >"\A0\1BT"
21 OUTA           ;Display 4 reverse-video spaces, roll down
22 RTN
23 END

```

004601A723FFFA0A0A0A0A0A0A0A0A0A0A0A0A0A723A723  
888885C000F400424F58F21B48E000001112F67FA00D0A0808  
5402A7239673B200E00000F47FA01B54A72385C0000D23

70 BYTES

HP-41C Video Box Routine 2 by Michael Markov  
PPC Calculator Journal V10 N3 Pg 22 Apr 1983  
This version uses RCL b and STO b for speed.

```

01 LBL 00          ;Display 30 reverse-video spaces (top/bottom)
02 OUTA           ;Display previous contents of ALPHA register
03 "\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0\A0"
04 OUTA           ;Display 15 reverse-video spaces
05 OUTA           ;Display 15 reverse-video spaces
06 ASHF           ;Shift ALPHA left 6 places
07 ASHF           ;Shift ALPHA left 6 places, leaving 3 r-v spaces
08 RTN
09 LBL "BOX"      ;Print a box
10 "\1BH"        ;Home the cursor
11 XEQ 00         ;Display 30 reverse-video spaces (Line 1)
12 12
13 >"\A0\0D\0A\08\08"
14 CHS
15 RCL b          ;Display box sides, 2 columns right, 2 left
16 OUTA           ;Display two reverse-video spaces on right,
17 ISG Y          ;two r-v spaces on left, carriage return,
18 STO b          ;line feed, two back spaces 13 times total
19 XEQ 00         ;Display 30 reverse-video spaces (Line 1)
20 >"\A0\1BT"
21 OUTA           ;Display 4 reverse-video spaces, roll down
22 RTN
23 END

```

004701A723FFA0A0A0A0A0A0A0A0A0A0A0A0A0A0A0A0A723A723  
888885C000F400424F58F21B48E000001112F67FA00D0A0808  
54907CA7239672917CE00000F47FA01B54A72385C0000D88

71 BYTES

# HP-41C Video Box Routine 1 by Michael Markov PPC V10 N3 P22 Apr 1983

Program Registers Needed: 10

Row 1 (1 - 3)



Row 2 (3 - 8)



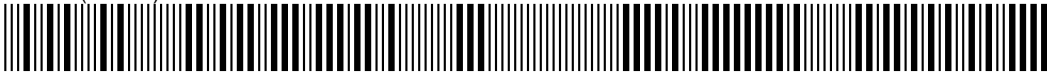
Row 3 (9 - 11)



Row 4 (12 - 16)



Row 5 (17 - 21)



Row 6 (21 - 23)



# HP-41C Video Box Routine 2 by Michael Markov PPC V10 N3 P22 Apr 1983

Program Registers Needed: 11

Row 1 (1 - 3)



Row 2 (3 - 8)



Row 3 (9 - 11)



Row 4 (12 - 16)



Row 5 (16 - 20)



Row 6 (21 - 23)

