

# ENTER NEW SHOW FROM ADDRESS

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0146 D4 SEP R4
47 02 ;Call Function display
48 AF
49 53 48 4F 57 20 46 52 4F 4D 00 - Text ("Show From")
0153 D4 SEP R4
54 03 ;Call position R7 R9 for keyboard entries
55 E4
56 D4 SEP R4
57 02 ;Call keyboard entry - data in RF
58 C0
59 04 ;Pass loop value for 4 key presses
5A D4 SEP R4
5B 01 ;Call Displacement calculation
5C 6F
5D 8F GLO RF ;Test error flag RF.0
5E 3A BNZ ;Branch if set to error
5F 64
0160 D4 SEP R4
61 03 ;Else call Adjust RA RD to avoid cutting
62 BA ;Into data byte
63 D5 SEP R5 ;Return
64 D4 SEP R4 ;Call Error message -(Branch to here for error retry
65 03 ; from other subs)
66 D3
67 F8 LDI ;Then set RA RD to first
68 00
69 AD PLO RD ;Byte of whatever page they are on
6A AA PLO RA
6B 30 BN ;Branch to further adjust RA RD and return
6C 60
6D-6E Filler

```

## DISPLACEMENT CALCULATION

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016F E2 SEX 2 ;X = 2
70 9D GHI RD ;Get high part pseudo address
71 52 STR R2 ;Push
72 9F GHI RF ;Get high part new selected address
73 F7 SM ;Subtract RF.1 - RD.1 for displacement
74 52 STR R2 ;Push result (in 2's compliment form)
75 9A GHI RA
76 F4 ADD ;Add displacement to RA.1
77 52 STR R2 ;Push new RA.1
78 FD SDI ;Subtract 07 - RA.1 (If negative, RA.1 would be > 07)
79 07
7A 3B BM ;Branch if negative to error
7B 8C

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