

TOOLBOX 181 (C) 1999 LOADSTAR

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**COPY MEM:** xy JSR ML+78  
SYS ML,start,end+1,dest  
**SWAP MEM:** xy JSR ML+81  
SYS ML+3,start,end+1,dest  
**COPY I/O INTACT:** xy JSR ML+84  
SYS ML+6,start,end+1,dest  
**COPY CHAR EXPOSED:** xy JSR ML+87  
SYS ML+9,start,end+1,dest  
**PRINT AT:** xy ML+150, axy ML+90  
SYS ML+12,x,y,string  
**TEXT INPUT:** xy ML+93, axy ML+96  
SYS ML+15,x,y,txt,crsr,len,default\$  
x+128 for rvs input  
y+128 for numbers only  
y+192 for numbers/decimal/minus  
**ENHANCED INPUT:** xy ML+93, axy ML+99  
SYS ML+18,x,y,t,c,len,st,out\$,def\$  
**CHECK KEYPRESS:** axy JSR ML+102  
SYS ML+21,string  
**FANCY LATTICE:** xy JSR ML+105  
SYS ML+24,x1,x2,y1,y2,sl,s2,cl,c2  
**PRINT CENTER:** 251/axy JSR ML+108  
SYS ML+27,y,string  
**TEXT BLOCK:** xy JSR ML+111  
SYS ML+30,x1,x2,y1,y2,sc,color  
Block: all normal  
Paint: sc = 255  
Shade: color = 255  
\*Flip: color + 192  
\*Reverse: color + 128  
\*Un-reverse: color + 64  
Frame: color + 32  
Box: color + 16  
(\* add 16 more for color set)  
**REGULAR MENU:** xy JSR ML+114  
SYS ML+33,x1,x2,y1,y2,u,h,"hotkeys"  
h+128 for no rvs / un-rvs  
**SCREEN STASH:** a JSR ML+117  
SYS ML+39,page  
**SCREEN RESTORE:** a JSR ML+120  
SYS ML+42,page  
**INDEX ITEM:** ax JSR ML+123  
SYS ML+45,number  
**INDEX SELECTED ITEM:** ax JSR ML+126  
SYS ML+48,number  
**BSAVE:** BASIC only  
SYS ML+51,name\$,dv,start,end+1  
**BLOAD:** BASIC only  
SYS ML+54,file\$,dv,location  
**DISK COMMAND:** 186/axy JSR ML+129  
SYS ML+57,command\$,dv  
**BLOAD WITH ZERO:** BASIC only  
SYS ML+60,file\$,dv,location  
**RACK EDSTAR FILE:** ax JSR ML+132  
SYS ML+63,location  
**GET DIRECTORY:** (see docs)  
SYS ML+66,"\$:\*",dv,loc,# filenames  
# files=INT((bufferspace-1)/32)

**SCROLLING MENU:** xy JSR ML+138  
SYS ML+69,x1,x2,y1,y2,u,h,loc  
x2=255 for file requestor  
lc = 0 for do not rack  
**MULTI-SELECT SCROLL MENU:** xy ML+141  
SYS ML+72,x1,x2,y1,y2,u,h,s,w,loc  
**SCROLL NUMBER ENABLE:** xy JSR ML+144  
SYS ML+75,current,total,selected  
**NMI CRASH PROTECTION:** JSR ML+36  
SYS ML+36  
**SET CURSOR POSITION:** xy JSR ML+147  
ML only  
**ASSIGN INTEGER:** y/a,x JSR ML+150  
ML only  
**ASSIGN STRING:** \$200/y,a JSR ML+153  
ML only  
**READ ERROR CHANNEL:** JSR ML+156  
ML only  
**CONVERT A/X TO ASCII:** ax JSR ML+159  
ML only (text at \$100-104, y=4)

Toolbox 180 Variables: (V=ML+162)

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**V+0** Escape Key 0  
**V+1** Scroll Menu Type (n000uhsw) 135  
**V+2** Scroll Menu Exit (Q) 81  
**V+3** Index Pointer Zone: LB 0  
**V+4** Index Pointer Zone: HB 0  
**V+5** Index Item Count: LB 0  
**V+6** Index Item Count: HB 0  
**V+7** Center Area (of BOX / FRAME) 32  
**V+8** Top Edge 64  
**V+9** Bottom Edge 64  
**V+10** Left Edge 93  
**V+11** Right Edge 93  
**V+12** Top-Left Corner 112  
**V+13** Top-Right Corner 110  
**V+14** Bottom-Left Corner 109  
**V+15** Bottom-Right Corner 125

Variables returned by routines:

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**REGULAR MENU:**  
S% selection number (.A)  
**REGULAR SCROLLING MENU:**  
S% also does index (\$9e/9f)  
**MULTI-SELECT SCROLLING MENU:**  
S% selected item count (\$9e/9f)  
**INDEX ITEM or SELECTED ITEM:**  
W\$ & F\$ (\$200/axy, \$230 len=\$fb)  
**INPUT or ENHANCED INPUT:**  
W\$ or W\$ C% I% (\$200/axy \$9e \$9f)  
**GET DIRECTORY:**  
T\$ name B\$ blocks E\$ error N% files  
**OTHER DISK ROUTINES:**  
E\$ error message F% end of BLOAD+1  
**RACK EDSTAR FILE:**  
N% number of items (\$9e/9f)  
**CHECK KEYPRESS:**  
I% index value (.Y & BEQ if none)