

# Percom Block#

## General Information

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Language: ACTION!

Compiler/Interpreter: ACTION!

```
*****  
**  
** PHOENIX SOFTCREW **  
** STANDARTROUTINEN **  
** IO "IO.INC" **  
*****
```

MODULE

BYTE track,stp,side,dens,stat,rate,x1,x2,drive

CARD sect,byt

BYTE ARRAY buffer(\$200)

BYTE FUNC Inkey ()

BYTE atascii=\$2FB,chasci=\$2FC

BYTE POINTER keydefp

CARD keydef=\$79

chasci=\$FF

keydefp=keydef

DO

;

UNTIL chasci#\$FF

OD

keydefp==+chasci

atascii=keydefp^

chasci=\$FF

RETURN (atascii)

PROC siov=\$E459 ()

;------

BYTE FUNC Sio (BYTE num,comnd,stats,tim,CARD buf,byt,sec)

BYTE ddevic=\$300,

dunit=\$301,

dcomnd=\$302,

dstats=\$303,

dtimlo=\$306

CARD dbuf=\$304,

dbyt=\$308,

daux=\$30A

```

ddevic=$31
dunit=num
dcomnd=comnd
dstats=stats
dtimlo=tim
dbuf=buf
dbyt=byt
daux=sec

siov () ; ansprung der sioroutine

RETURN (dstats)

;-----

PROC ReadPerc (BYTE drive)

BYTE ARRAY P_Block (12)

Sio (drive,$4E,$40,7,P_Block,$C,1)

track=P_Block(0)
stp  =P_Block(1)
sect  =P_Block(2)*$100+P_Block(3)
side  =P_Block(4)
dens  =P_Block(5)
byt  =P_Block(6)*$100+P_Block(7)
stat  =P_Block(8)
rate  =P_Block(9)
x1  =P_Block($A)
x2  =P_Block($B)

RETURN

PROC ShowPerc ()

ReadPerc (drive)

Print ("Track :")
PrintBE (track)
Print ("Step :")
PrintBE (stp)
Print ("Sides :")
PrintBE (side)
Print ("Density :")
PrintBE (dens)
Print ("Status :")
PrintBE (stat)
Print ("Transfer rate :")
PrintBE (rate)
Print ("X1 :")
PrintBE (x1)
Print ("X2 :")
PrintBE (x2)
Print ("Sectoren :")
PrintCE (sect)
Print ("Bytes pro Sec :")
PrintCE (byt)
PutE ()

```

RETURN

PROC Convert ( )

BYTE u

```
FOR u=1 TO $F0
DO
  buffer(u)=-191
OD
```

RETURN

PROC ReadSec ( )

BYTE drive=[1],tr,sec  
CARD smadr=\$58,zaehl

```
ReadPerc (drive)
sec=7
tr=0
```

DO

```
Inkey ( )
```

```
sec==+1
```

```
IF sec=10 THEN
  sec=1
  tr==+1
FI
```

```
zaehl=tr*18+sec
```

```
Print ("} Sector :")
PrintCE (zaehl)
```

```
Sio (drive,$52,$40,7,buffer,byt,zaehl)
```

```
Convert ( )
```

```
; MoveBlock (smadr+80,buffer,$100)
Print (buffer)
```

```
UNTIL zaehl=1024
OD
```

RETURN