



# KbdFlushBuffer

## Description

This call clears the keystroke buffer.

## Syntax

```
KbdFlushBuffer (KbdHandle)
```

## Parameters

; KbdHandle (HKBD) - input : Default keyboard or the logical keyboard.

## Return Code

rc (USHORT) - return

Return code descriptions are: \* 0 NO\_ERROR \* 439 ERROR\_KBD\_INVALID\_HANDLE \* 445  
ERROR\_KBD\_FOCUS\_REQUIRED \* 447 ERROR\_KBD\_KEYBOARD\_BUSY \* 464 ERROR\_KBD\_DETACHED \*  
504 ERROR\_KBD\_EXTENDED\_SG

## Remarks

KbdFlushBuffer completes when the handle has access to the physical keyboard (focus), or is equal to zero and no other handle has the focus.

## Family API Considerations

Some options operate differently in the DOS mode than in the OS/2 mode. The KbdHandle is ignored when coding in the DOS mode.

## Example Code

## C Binding

```
<PRE> #define INCL_KBD

USHORT rc = KbdFlushBuffer(KbdHandle);

HKBD KbdHandle; /* Keyboard handle */ USHORT rc; /* return code */ </PRE>
```

## MASM Binding

```
<PRE> EXTRN KbdFlushBuffer:FAR INCL_KBD EQU 1

PUSH WORD KbdHandle ;Keyboard handle CALL KbdFlushBuffer

Returns WORD </PRE>
```

## Note

Text based on [http://www.edm2.com/index.php/KbdFlushBuffer\\_\(FAPI\)](http://www.edm2.com/index.php/KbdFlushBuffer_(FAPI))

| Family API |   |  |
|------------|---|--|
| DOS        | Process Manager   | DosBeep DosExit DosSleep DosExecPgm  |
|            | File Manager  | DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove<br>DosQCurDir DosQCurDisk DosSet FileMode DosOpen DosQFileInfo DosRead<br>DosQ FileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose<br>DosFindFirst DosFindNext DosSet FileInfo DosSet Verify DosWrite DosFileLocks<br>DosSet FHandState DosNewSize DosBufReset DosQFHandState DosSet FSInfo |
|            | Memory Manager  | DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg<br>DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreate CS Alias  |
|            | NLS   | DosCaseMap DosGet Ctry Info DosGet DBCSEv DosSet Ctry Code DosGet Collate<br>DosGet Message DosIns Message DosPut Message  |
|            | Date and Time   | DosSet Date Time DosGet Date Time  |
|            | Devices   | DosDevConfig DosDevIOCtl DosDevIOCtl2  |
|            | Signals   | DosHold Signal DosSet Sig Handler  |
|            | Misc  | BadDynLink DosGet Env DosGet Machine Mode DosGet Version DosError DosErr Class<br>DosSet Vec   |
| KBD        | KbdCharIn KbdFlushBuffer KbdGet Status KbdSet Status KbdStringIn KbdPeek  |  |
| VIO        | VioGet Buf VioGet Config VioGet Cur Pos VioGet Cur Type VioGet Phys Buf<br>VioRead Cell Str VioRead Char Str Vio Scroll Up Vio Scroll Dn Vio Scroll If Vio Scroll Rt<br>Vio Scr Un Lock Vio Set Cur Pos Vio Set Cur Type Vio Set Mode Vio Get Mode Vio Show Buf<br>Vio Wrt Cell Str Vio Wrt Char Str Vio Wrt Char Str Att Vio Wrt N Attr Vio Wrt N Cell<br>Vio Wrt N Char Vio Wrt TTY Vio Scr Lock Vio Pop Up |  |
| Tools      | BIND  |  |
| Modules    | DOSCALLS.DLL VIOCALS.DLL KBDCALLS.DLL MSG.DLL   |  |
| Libraries  | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB   |  |

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