



# DosBeep

This call generates sound from the speaker.

## Syntax

DosBeep (Frequency, Duration)

## Parameters

- Frequency ([USHORT](#)) - input : Tone in Hertz (cycles per second) in the range 37 through 32767.
- Duration ([USHORT](#)) - input : Length of the sound in milliseconds.

## Return Code

rc ([USHORT](#)) - return Return code descriptions are:

- 0 `NO_ERROR`
- 395 `ERROR_INVALID_FREQUENCY`

## Remarks

DosBeep executes synchronously. An application program that invokes DosBeep waits until the specified number of milliseconds expire before it resumes execution.

## Example Code

## C Binding

```
#define INCL_DOSPROCESS

USHORT rc = DosBeep(Frequency, Duration);

USHORT Frequency;    /* Hertz (Hz) */
USHORT Duration;     /* Length of sound */

USHORT rc;           /* return code */
```

This example generates a beep for 1 second (1,000 milliseconds) at a frequency of 1,380.

```
#define INCL_DOSPROCESS
#define BEEP_FREQUENCY 1380
#define BEEP_DURATION 1000

USHORT rc;

rc = DosBeep(BEEP_FREQUENCY,
             BEEP_DURATION);
```

### MASM Binding

```
EXTRN DosBeep:FAR
INCL_DOSPROCESS EQU 1

PUSH WORD Frequency ;Frequency (in Hertz)
PUSH WORD Duration ;Length of sound (in milliseconds)
CALL DosBeep
```

Returns WORD

### Note

Text based on [http://www.edm2.com/index.php/OS2\\_API:CPI:LEGACY:DosBeep](http://www.edm2.com/index.php/OS2_API:CPI:LEGACY:DosBeep)

Family API		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSInfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOctl DosDevIOctl2
	Signals	DosHoldSignal DosSetSigHandler
KBD	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
		KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek

<b>Family API</b>	
VIO	<a href="#">VioGetBuf</a> <a href="#">VioGetConfig</a> <a href="#">VioGetCurPos</a> <a href="#">VioGetCurType</a> <a href="#">VioGetPhysBuf</a> <a href="#">VioReadCellStr</a> <a href="#">VioReadCharStr</a> <a href="#">VioScrollUp</a> <a href="#">VioScrollDn</a> <a href="#">VioScrollLf</a> <a href="#">VioScrollRt</a> <a href="#">VioScrUnLock</a> <a href="#">VioSetCurPos</a> <a href="#">VioSetCurType</a> <a href="#">VioSetMode</a> <a href="#">VioGetMode</a> <a href="#">VioShowBuf</a> <a href="#">VioWrtCellStr</a> <a href="#">VioWrtCharStr</a> <a href="#">VioWrtCharStrAtt</a> <a href="#">VioWrtNAttr</a> <a href="#">VioWrtNCell</a> <a href="#">VioWrtNChar</a> <a href="#">VioWrtTTY</a> <a href="#">VioScrLock</a> <a href="#">VioPopUp</a>
Tools	<a href="#">BIND</a>
Modules	<a href="#">DOSCALLS.DLL</a> <a href="#">VIOCALLS.DLL</a> <a href="#">KBDCALLS.DLL</a> <a href="#">MSG.DLL</a>
Libraries	<a href="#">API.LIB</a> <a href="#">OS2386.LIB</a> <a href="#">FAPI.LIB</a> <a href="#">DOSCALLS.LIB</a> <a href="#">SUBCALLS.LIB</a>

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