



# 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 DosSet FileMode DosOpen DosQFileInfo DosRead DosQ FileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSet FileInfo DosSet Verify DosWrite DosFileLocks DosSet FHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo
	Memory Manager DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreateCSAlias
	NLS DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time DosSetDateTime DosGetDateTime
	Devices DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals DosHoldSignal DosSetSigHandler
	Misc BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD	KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek
VIO	VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp

**Family API**

Tools	BIND
Modules	DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL
Libraries	API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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