



# 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)

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