

## NAME

alarm - audible alarm

## SYNOPSIS

**alarmopen** (name,mode)  
**alarmclos** (  
**alrminor** (time)  
**alrmajor** (  
**alrmrset** (  
**alarm** (function)  
  
**char \*name**  
**int mode, function**

## DESCRIPTION

The *alarm* subroutines provide an interface the BD04 alarm panel driver. *Name* is the UNIX special file name of the BD04 device; *mode* lists the *open* permissions desired for the BD04 device - write permission must be granted or the interface subroutines will not work.

*Alarmopen* opens the UNIX file name associated with the BD04 and squirrels away the file descriptor returned by *open(2)*. *Alarmopen* must be called first; if it is not then none of the other interface subroutines will work correctly. *Alarmclos* closes the file.

*Alrminor* causes a minor alarm of *time* seconds duration.

*Alrmajor* causes a major alarm; it stays on until an *alrmrset*.

*Alrmrset* turns off all alarms.

The *alarm* subroutine takes as an argument a function code:

- 0 Reset alarms.
- 1 Sound a 1 second minor alarm.
- 3 Sound a major alarm.

## SEE ALSO

*open(2)*

## DIAGNOSTICS

A -1 return indicates an error.