

NAME

pdlbox - PedalBox device event monitor

SYNOPSIS

pdlbox [-d -r -version] serial-port

DESCRIPTION

pdlbox monitors the PedalBox device attached to the specified serial-port and reports the press/release state of the pedals to standard output, in real time.

The output is encoded as a series of **mess(4)** protocol packets, which can be consumed by another program (for instance, an audio volume-control program, see **mess_avc(1)**).

OPTIONS

- p only check for the presence of PedalBox on the specified serial-port, then exit: do not report events.
- r autorepeat - report pedal state every tenth of a second whilst any pedal is depressed, and report pedal-releases once when they occur; the default is "one-shot": to report pedal state only when a pedal is pressed or released.
- version display program version information to standard-error and exit immediately. This option suppresses all other processing.

WARNINGS and ERRORS

usage: pdlbox [-p -r -version] <serial-port>
error: pedalbox disconnected
error: pedalbox is not connected on *port-name*

RETURNS

If invalid command-line options are specified, or the specified serial-port does not have a PedalBox attached, or it is disconnected whilst the program is running, 1 (failure) is returned; otherwise 0 (success) is returned.

SEE ALSO

pdlbox_avc(1), **mess_avc(1)**, **mess(4)**.

VERSION

pdlbox 1.3 25jan2013

AVAILABILITY

pdlbox can be built on any system that provides an environment conforming to POSIX.1 (IEEE Std 1003.1-1988) with Standard C Language Binding (ANSI X3.159-1989, hosted program environment).

In practice, this means nearly all UNIX systems, including:

- UNIX System V release 4 and derivatives
- SunOS 5 (Solaris), Irix 5, AIX 4
- UNIX BSD 4.4 and derivatives, if you have an ANSI C compiler
- NetBSD, FreeBSD, OpenBSD, Darwin, MacOS X
- Linux (kernel version 1.2 and later):
 - Debian, Ubuntu, RedHat, SUSE, Mandrake, Slackware, et al
- OSF/1, Ultrix 4, Tru64 UNIX
- Minix 2, SunOS 4.1.4, and others