

Turn off (Spin down) an USB-Device - USB Festplatte ausschalten / in Standby versetzen

Show all connected usb-devices / Zeige alle angeschlossenen USB-Geräte

```
lsusb -v | less
#or
ls -l /sys/bus/usb/devices
```

This command turn off an usb-device / Dieses Komando schaltet ein USB-Gerät ab Replace <device> with the determined id like 2-0:1.0 / Ersetze <device> mit der gerade ermittelten Bus-Id (Bsp. 2-0:1.0)

```
echo -n 0 > /sys/bus/usb/devices/<device>/power/state
```

This command set the timeout to spin down an usb-harddrive / Dieses Komando setzt das Zeitlimit zum abschalten der USB-Festplatte

```
#from manual (hdparm -help)
```

```
#-S
```

```
#    Set the standby (spindown) timeout for the drive. This value is used by the
#wait (with no disk activity) before turning off the spindle motor to save power.
#drive may take as long as 30 seconds to respond to a subsequent disk access,
#The encoding of the timeout value is somewhat peculiar. A value of zero means
#will not automatically enter standby mode. Values from 1 to 240 specify multiple
#from 5 seconds to 20 minutes. Values from 241 to 251 specify from 1 to 11 units of
#from 30 minutes to 5.5 hours. A value of 252 signifies a timeout of 21 minutes.
#vendor-defined timeout period between 8 and 12 hours, and the value 254 is reserved.
#minutes plus 15 seconds. Note that some older drives may have very different
#A simple example
```

```
#I would set a timeout of 5 minutes
```

```
#5 minutes = 5 minutes * 60 (seconds / minute) = 300 seconds
```

```
#300 seconds / 5 seconds (the multiplicator in the manual) = 60 (the final value)
#
```

```
#I would set a timeout of 10 minutes
```

```
#10 minutes = 10 minutes * 60 (seconds / minute) = 600 seconds
```

```
#600 seconds / 5 seconds (the multiplicator in the manual) = 120 (the final value)
```

```
#set the spindown-time of 5 minutes
```

```
sudo hdparm -S 60 /dev/sda
```