

# ioctl FE\_SET\_TONE

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\[linux-master] [Documentation] [userspace-api] [media] [dvb] fe-set-tone.rst, line 2)

Unknown directive type "c.namespace".

```
.. c:namespace:: DTV.fe
```

## Name

FE\_SET\_TONE - Sets/resets the generation of the continuous 22kHz tone.

## Synopsis

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Unknown directive type "c.macro".

```
.. c:macro:: FE_SET_TONE
```

```
int ioctl(int fd, FE_SET_TONE, enum fe_sec_tone_mode tone)
```

## Arguments

fd

File descriptor returned by `c:func:open()`.

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Unknown interpreted text role "c:func".

tone

an integer enumerated value described at `c:type:fe_sec_tone_mode`

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## Description

This ioctl is used to set the generation of the continuous 22kHz tone. This call requires read/write permissions.

Usually, satellite antenna subsystems require that the digital TV device to send a 22kHz tone in order to select between high/low band on some dual-band LNBf. It is also used to send signals to DiSEqC equipment, but this is done using the DiSEqC ioctls.

### Attention!

If more than one device is connected to the same antenna, setting a tone may interfere on other devices, as they may lose the capability of selecting the band. So, it is recommended that applications would change to SEC\_TONE\_OFF when the device is not used.

## Return Value

On success 0 is returned.

On error -1 is returned, and the `errno` variable is set appropriately.

Generic error codes are described at the [ref: 'Generic Error Codes <gen-errors>' chapter](#).

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