

# ioctl LIRC\_SET\_TRANSMITTER\_MASK

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\rc\linux-master) (Documentation) (userspace-api) (media) (rc) lirc-set-transmitter-mask.rst, line 2)

Unknown directive type "c.namespace".

```
.. c:namespace:: RC
```

## Name

LIRC\_SET\_TRANSMITTER\_MASK - Enables send codes on a given set of transmitters

## Synopsis

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\rc\linux-master) (Documentation) (userspace-api) (media) (rc) lirc-set-transmitter-mask.rst, line 18)

Unknown directive type "c.macro".

```
.. c:macro:: LIRC_SET_TRANSMITTER_MASK
```

```
int ioctl(int fd, LIRC_SET_TRANSMITTER_MASK, __u32 *mask)
```

## Arguments

fd

File descriptor returned by open().

mask

Mask with channels to enable tx. Channel 0 is the least significant bit.

## Description

Some IR TX devices have multiple output channels, in such case, [ref: LIRC\\_CAN\\_SET\\_TRANSMITTER\\_MASK <LIRC-CAN-SET-TRANSMITTER-MASK>](#) is returned via [ref: LIRC\\_GET\\_FEATURES](#) and this ioctl sets what channels will send IR codes.

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This ioctl enables the given set of transmitters. The first transmitter is encoded by the least significant bit and so on.

When an invalid bit mask is given, i.e. a bit is set, even though the device does not have so many transmitters, then this ioctl returns the number of available transmitters and does nothing otherwise.

## Return Value

On success 0 is returned, on error -1 and the `errno` variable is set appropriately. The generic error codes are described at the [ref: Generic Error Codes <gen-errors>](#) chapter.

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`api) (media) (rc) lirc-set-transmitter-mask.rst, line 49`; [backlink](#)

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