

# Digital TV audio open()

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\linux-master) [drivers] [staging] [media] [av7110] audio-fopen.rst, line 2)**

Unknown directive type "c:namespace".

```
.. c:namespace:: DTV.audio
```

## Name

Digital TV audio open()

**Attention!**

This ioctl is deprecated

## Synopsis

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\linux-master) [drivers] [staging] [media] [av7110] audio-fopen.rst, line 20)**

Unknown directive type "c:function".

```
.. c:function:: int open(const char *deviceName, int flags)
```

## Arguments

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\linux-master) [drivers] [staging] [media] [av7110] audio-fopen.rst, line 25)**

Unknown directive type "flat-table".

```
.. flat-table::
   :header-rows: 0
   :stub-columns: 0

   - .. row 1
       - const char \*deviceName
       - Name of specific audio device.

   - .. row 2
       - int flags
       - A bit-wise OR of the following flags:

   - .. row 3
       -
       - O_RDONLY read-only access

   - .. row 4
       -
       - O_RDWR read/write access

   - .. row 5
       -
       - O_NONBLOCK open in non-blocking mode

   - .. row 6
```

- 
- (blocking mode is the default)

## Description

This system call opens a named audio device (e.g. /dev/dvb/adaptor0/audio0) for subsequent use. When an open() call has succeeded, the device will be ready for use. The significance of blocking or non-blocking mode is described in the documentation for functions where there is a difference. It does not affect the semantics of the open() call itself. A device opened in blocking mode can later be put into non-blocking mode (and vice versa) using the F\_SETFL command of the fcntl system call. This is a standard system call, documented in the Linux manual page for fcntl. Only one user can open the Audio Device in O\_RDWR mode. All other attempts to open the device in this mode will fail, and an error code will be returned. If the Audio Device is opened in O\_RDONLY mode, the only ioctl call that can be used is AUDIO\_GET\_STATUS. All other call will return with an error code.

## Return Value

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\linux-master)[drivers][staging][media][av7110]audio-fopen.rst, line 81)**

Unknown directive type "tabularcolumns".

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**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\drivers\staging\media\av7110\linux-master)[drivers][staging][media][av7110]audio-fopen.rst, line 83)**

Unknown directive type "flat-table".

```
.. flat-table::
   :header-rows: 0
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   - .. row 1

       - ``ENODEV``

       - Device driver not loaded/available.

   - .. row 2

       - ``EBUSY``

       - Device or resource busy.

   - .. row 3

       - ``EINVAL``

       - Invalid argument.
```