

Play audio and video

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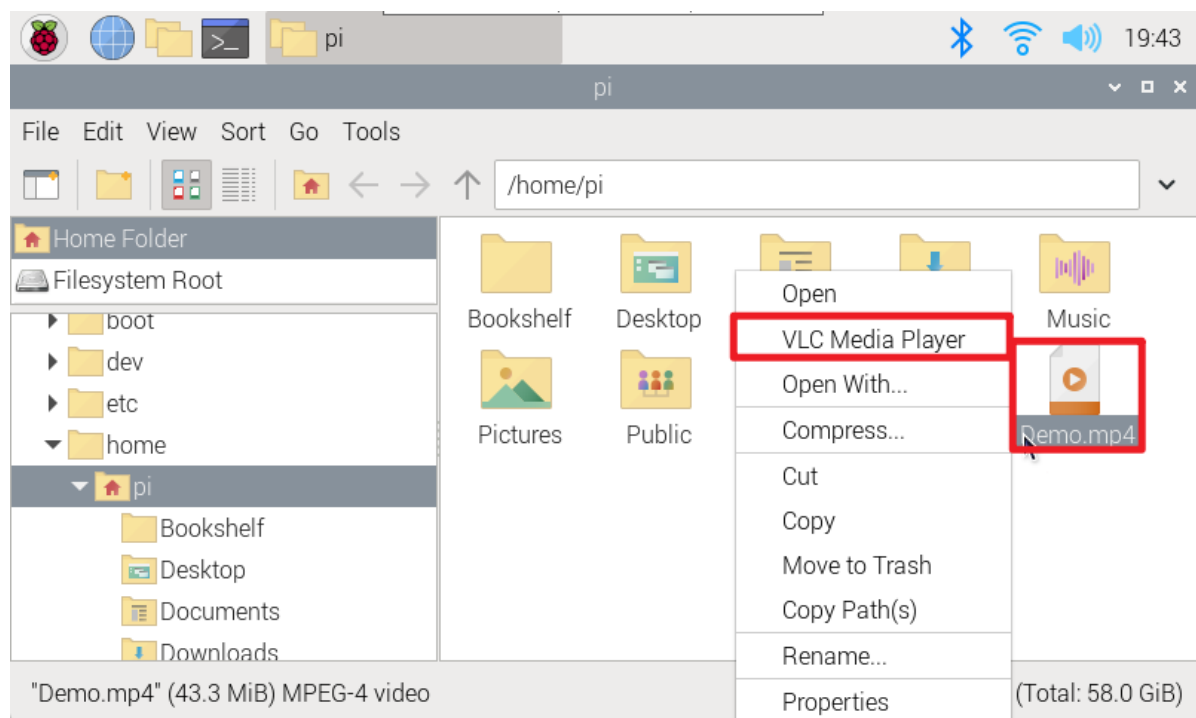
[Playing audio](#)

The easiest way to play audio and video on the Raspberry Pi is to use the pre-installed VLC application;

The VLC program uses hardware acceleration and can play many popular audio and video file formats.

Graphical interface

Select the file to play, right-click, and select "VLC Media Player"



Command line

Note: To play audio or video in the command line, you need to enter the directory where the file is located

Play video

- `vlc <video_name>`

Example: Play Test.mp4 file

```
vlc Test.mp4
```

- `vlc --play-and-exit <video_name>`

Example: After playing Test.mp4 file, exit the application

```
vlc --play-and-exit Test.mp4
```

- `vlc --play-and-exit --fullscreen <video_name>`

Example: Play Test.mp4 file in full screen, and exit the application after playing

```
vlc --play-and-exit --fullscreen Test.mp4
```

- `cvlc --play-and-exit <video_name>`

Example: Play the Test.mp4 file without displaying the VLC graphical interface

```
cvlc --play-and-exit Test.mp4
```

- `cvlc --play-and-exit --drm-vout-display <video_name>`

Replace the contents of `<video_name>`

Example: Video is output through HDMI1

```
cvlc --play-and-exit --drm-vout-display HDMI-A-1 Test.mp4
```

Get a list of all DRM devices on the Raspberry Pi: `kmsprint | grep Connector`

DRM device	Description
HDMI-A-1 connector	Raspberry Pi Zero or Raspberry Pi HDMI output on Model 1, 2, or 3; or HDMI400 output on Raspberry Pi 0 or 4
HDMI-A-2 connector	HDMI400 output on Raspberry Pi 1 or 4
DSI-1 model	Raspberry Pi touch display

Playing audio

Raspberry Pi 5 can only be used normally when connected to an audio device.

The play audio command and play video command only differ in the file name: play Test.mp3 file

```
cvlc --play-and-exit Test.mp3
```

- `cvlc --play-and-exit -A alsa --alsa-audio-device <video_name>`

Replace the contents of `<video_name>`

Example: Output audio through HDMI

```
cvlc --play-and-exit -A alsa --alsa-audio-device vc4hdmi0 Test.mp3
```

Get the Raspberry Pi ALSA device: `aplay -L | grep sysdefault`

ALSA device	Description
System default: CARD=vc4hdmi0	HDMI400 output on Raspberry Pi 0 or 4
System default: CARD=vc4hdmi1	HDMI400 output on Raspberry Pi 1 or 4