

# Play audio and video

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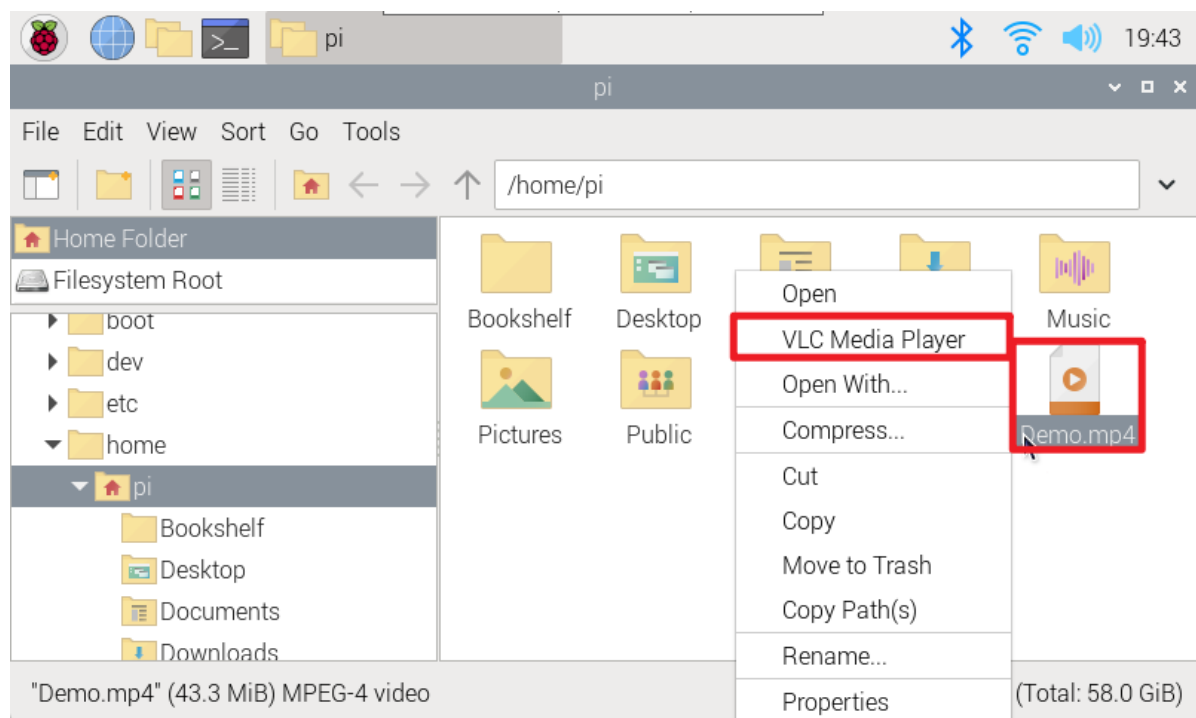
[Play audio](#)

The easiest way to play audio and video on a Raspberry Pi is to use the preinstalled VLC application;

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

## Graphical interface

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



## Command Line

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

## Play video

- `vlc <video_name>`

Example: Play Test.mp4 file

```
vlcTest.mp4
```

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

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

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

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

Example: Play the Test.mp4 file in full screen, 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 `and <video_name>` content

Example: Video output via 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	HDMI output on Raspberry Pi Zero or Raspberry Pi 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 type	Raspberry Pi touch display

## Play audio

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

The only difference between the play audio command and the play video command is 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 `and <video_name>` content

Example: Output audio via HDMI

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

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

ALSA Equipment	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