

NAME

pulseaudio-dlna – Stream audio to DLNA devices and Chromecasts

DESCRIPTION**Usage:**

```
pulseaudio-dlna pulseaudio-dlna [--host <host>] [--port <port>][--encoder <encoders> | --codec
<codec>] [--bit-rate=<rate>]
    [--encoder-backend <encoder-backend>] [--filter-device=<filter-device>] [--renderer-urls
<urls>] [--request-timeout <timeout>] [--msearch-port=<msearch-port>] [--ssdp-mx
<ssdp-mx>] [--ssdp-ttl <ssdp-ttl>] [--ssdp-amount <ssdp-amount>] [--cover-mode <mode>]
[--auto-reconnect] [--debug] [--fake-http10-content-length] [--fake-http-content-length]
[--disable-switchback] [--disable-ssdp-listener] [--disable-device-stop] [--disable-work-
arounds]

pulseaudio-dlna [--host <host>] [--create-device-config] [--update-device-config]
    [--msearch-port=<msearch-port>] [--ssdp-mx <ssdp-mx>] [--ssdp-ttl <ssdp-ttl>]
    [--ssdp-amount <ssdp-amount>]

pulseaudio-dlna [-h | --help | --version]
```

OPTIONS**--create-device-config**

Discovers all devices in your network and write a config for them. That config can be edited manually to adjust various settings. You can set:

– Device name

– Codec order (The first one is used if the encoder binary is available on your system) – Various codec settings such as the mime type, specific rules or

the bit rate (depends on the codec)

A written config is loaded by default if the **--encoder** and **--bit-rate** options are not used.

--update-device-config

Same as **--create-device-config** but preserves your existing config from being overwritten

--host=<host>

Set the server ip.

-p --port=<port>

Set the server port [default: 8080].

-e --encoder=<encoders>

Deprecated alias for **--codec**

-c --codec=<codecs>

Set the audio codec. Possible codecs are:

- mp3 MPEG Audio Layer III (MP3)
- ogg Ogg Vorbis (OGG)
- flac Free Lossless Audio Codec (FLAC)
- wav Waveform Audio File Format (WAV)
- opus Opus Interactive Audio Codec (OPUS)
- aac Advanced Audio Coding (AAC)
- l16 Linear PCM (L16)

--encoder-backend=<encoder-backend>

Set the backend for all encoders. Possible backends are:

- generic (default)
 - ffmpeg – avconv
- b **--bit-rate=<rate>**
Set the audio encoder's bitrate.
- filter-device=<filter-device>
Set a name filter for devices which should be added. Devices which get discovered, but won't match the filter text will be skipped.
- renderer-urls=<urls>
Set the renderer urls yourself. no discovery will commence.
- request-timeout=<timeout>
Set the timeout for requests in seconds [default: 15].
- ssdp-ttl=<ssdp-ttl>
Set the SSDP socket's TTL [default: 10].
- ssdp-mx=<ssdp-mx>
Set the MX value of the SSDP discovery message [default: 3].
- ssdp-amount=<ssdp-amount>
Set the amount of SSDP discovery messages being sent [default: 5].
- msearch-port=<msearch-port>
Set the source port of the MSEARCH socket [default: random].
- cover-mode=<mode>
Set the cover mode [default: default]. Possible modes are:
 - disabled
No icon is shown
 - default
The application icon is shown
 - distribution
The icon of your distribution is shown
 - application
The audio application's icon is shown
- debug
enables detailed debug messages.
- auto-reconnect
If set, the application tries to reconnect devices in case the stream collapsed
- fake-http-content-length
If set, the content-length of HTTP requests will be set to 100 GB.
- disable-switchback
If set, streams won't switched back to the default sink if a device disconnects.
- disable-ssdp-listener
If set, the application won't bind to the port 1900 and therefore the automatic discovery of new devices won't work.
- disable-device-stop
If set, the application won't send any stop commands to renderers at all
- disable-workarounds
If set, the application won't apply any device workarounds

-v --version

Show the version.

-h --help

Show the help.

EXAMPLES

- pulseaudio-dlna

will start pulseaudio-dlna on port 8080 and stream your PulseAudio streams encoded with mp3.

- pulseaudio-dlna --encoder ogg

will start pulseaudio-dlna on port 8080 and stream your PulseAudio streams encoded with Ogg Vorbis.

- pulseaudio-dlna --port 10291 --encoder flac

will start pulseaudio-dlna on port 10291 and stream your PulseAudio streams encoded with FLAC.

- pulseaudio-dlna --filter-device 'Nexus 5,TV'

will just use devices named Nexus 5 or TV even when more devices got discovered.

- pulseaudio-dlna --renderer-urls http://192.168.1.7:7676/smp_10_

won't discover upnp devices by itself. Instead it will search for upnp renderers at the specified locations. You can specify multiple locations via urls separated by comma (.). Most users won't ever need this option, but since UDP multicast packages won't work (most times) over VPN connections this is very useful if you ever plan to stream to a UPNP device over VPN.

SEE ALSO

The full documentation for **pulseaudio-dlna** is maintained as a Texinfo manual. If the **info** and **pulseaudio-dlna** programs are properly installed at your site, the command

info pulseaudio-dlna

should give you access to the complete manual.