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Audio troubleshooting grid

Some typical issues related to the **audio** domain are listed below. Solutions or debugging methods are proposed for these issues.

If your issue is not listed, try looking at in the articles in the [Audio](#) or [troubleshooting grids](#) categories.

Symptom	Resolution
ALSA	
<pre>aplay: pcm_write:2030: write error: Input/output error</pre>	<p>This error occurs on an audio playback, when audio samples are not output. A possible cause is a wrong configuration of the audio interface:</p> <ul style="list-style-type: none"> - DAI gpios not activated: missing in DT or in bad state - DAI/codec not clocked: kernel/master clock not enabled <p>Refer to Soundcard configuration</p>
<pre>Error -16 setting sai_ck parent clock. Active stream rates conflict</pre>	<p>The two SAI sub blocks which are connected to the audio codec, share their master clock on Disco and Evaluation boards. When running both capture and playback on the codec, the chosen sampling rates must be multiple of each other, because of this dependency. If sampling rates are not compatible, an error is issued.</p>
Miscellaneous	
<p>Silence is recorded from headset microphone.</p>	<p>The following points have to be checked:</p> <ul style="list-style-type: none"> - The headset jack must be compatible with CTIA standard. - Check volumes and mute switches in record path. (ALSA control configuration and Pulseaudio settings) - Check that the codec is fed with master clock.

Category:Audio

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Return to [Category:Audio](#).

Subcategories

This category has only the following subcategory.

- ALSA®(13 P)



Pages in category "Audio"

This category contains only the following page.

- [Audio troubleshooting grid](#)

Category: Troubleshooting grids

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[Return to Category: Troubleshooting grids.](#)

Pages in category "Troubleshooting grids"

The following 9 pages are in this category, out of 9 total.

- [ALSA troubleshooting grid](#)
- [Audio troubleshooting grid](#)
- [Coprocessor management troubleshooting grid](#)
- [DRM KMS troubleshooting grid](#)
- [GPU troubleshooting grid](#)
- [GStreamer troubleshooting grid](#)
- [Networking troubleshooting grid](#)
- [Visual troubleshooting grid](#)
- [Wayland Weston troubleshooting grid](#)

Soundcard configuration

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[Return to Soundcard configuration.](#)

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