

Kodi audio normalisation:

There's a simple audio compressor in the audio amplification feature, which you can see in the video settings under video playback's on-screen display.

Start watching a television show. While the show is playing bring up the "menu" (Press M) Under the Audio Settings, slide the "Volume Amplification" slider to the half way mark. Select the "set as default for all movies" option at the bottom.

By increasing the amplification XBMC monitors the audio level and when the amplified level becomes too great it will sense this clipping. Then XBMC will reduce the audio signal and test until it passes its conditions i.e. no more clipping (audio sufficiently reduced). Then once it no longer needs to reduce the audio XBMC will return to the normal (amplified) volume that you set the slider to.

so...

increase the slider to raise the lower threshold of volume level so that when an explosion/scream/gun shot etc. happens in the video it will reach XBMC maximum threshold faster to reduce the overall audio track. If this is how it works, it simply raises the lows but maintains a maximum threshold in turn reducing the difference in quiet and loud.

While playing a video in Kodi, select Audio and subtitle settings > set Audio to around -20db > set Audio Amplification to around +30db

Basically, you want your Volume to be -13db and your Volume Amplification to be +13db – and those values can be anything, just as long as they balance each other out.

Stereo upmix: When enabled, it lets 2-channel audio be upmixed to the number of channels set in Kodi audio settings. Normalize levels on downmix: Also can be called Maintain original volume on downmix. When enabled, keeps the volume of the stream, at the cost of compressing dynamic range. When disabled, volume will be lower but the dynamic range will be maintained. Keep in mind the dynamic range is defined as the difference between the quietest and the loudest sounds in an audio source; thus, you should enable this setting if the dialogue in movies is barely audible.

Kodi Audio Settings: audio playback settings. Kodi Setup Guide audio icon

Click the icon of the speaker (on Confluence) to access the in-playback audio configuration menu.

Volume: Select the volume of your media.

Volume amplification: Some sources are very quiet even if you crank up the volume all the way. Use the amplification in Kodi audio settings to solve that (if the audio gets too distorted, get another source!)

Audio offset: Sometimes the audio and the video seem to go separate ways. With this setting you can bring them back on track together and make them sync properly.

Audio stream: Useful for media with more than one audio stream, you can use this option to select which one you want to hear.

Stereo upmix, Enable passthrough: They are the same as the ones you can set on the main Kodi audio settings. See above.

Enable subtitles, Subtitle offset, Subtitle and Browse for subtitle: These options are for subtitle control; bring them over your media, make them sync properly, browse your downloaded ones for the movie, or download new ones.

Set as default for all videos: Make these settings apply to all videos from now on.

From:

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Last update: **2023/05/29 11:55**