Bino Compatible Videos

freeatltv.com

The following information is for people interested in watching 2D videos in simulated stereoscopic 3D. The instructions are specific to the program VLC media player, when it is used to backup/copy DVD movies you own into a format that is compatible with Bino. The settings listed below have helped to avoid having audio and video out of sync, when watching converted videos. Some files produced by VLC media player may not view properly and/or use the wrong audio track by default. You can use the free software HandBrake to fix those files. If you are more adventurous, you may want to try using the software MakeMKV instead of VLC media player. (The latest registration code is available here.) Because VLC media player is unable to access Blu-ray discs, you will have to use MakeMKV for your Blu-ray and Blu-ray 3D movies. If you do not have an internal Blu-ray drive in your computer, ASUS SBW-06D2X-U external Blu-ray writer gets good reviews.

Insert your DVD into the DVD Drive of your computer.

Start VLC media player.

Media > Open Disc…
Set the "Starting Position" - "Title" to 1 and "Chapter" to 0 (May vary.).
Set the "Audio and Subtitles" - "Audio track" to 1 (May vary.) and "Subtitle track" to -1 (No subtitles).

Change "Play" to "Convert" at bottom right of dialog box.

Set the "Profile" - "Video for MPEG4 720p for TV/device" (DVD) ("Video for MPEG4 1080p for TV/device" (Blu-ray)).

Click the wrench icon ("Edit selected profile").
Set the "Encapsulation" - Use MKV to avoid audio video sync problems.

Click "Video codec" tab.
Set the "Encoding parameters" - "Codec" to H-264 and "Frame Rate" to 29.97fps (NTSC).

Click "Audio codec" tab.
Set the "Encoding parameters" - "Codec" to MPEG Audio or MPEG 4 Audio (AAC), "Bitrate" to 192kb/s and "Sample Rate" to 44100Hz. (Using Codec A52/AC-3 (Dolby Digital) or simply checking the box "Keep original audio track" may also work.)

Click "Save" at bottom right of dialog box.
Click "Browse" to set the "Destination file". Be sure to add mkv instead of avi when typing the file name (test.mkv).

Click "Save" at bottom right of dialog box.
Click "Start".

When the conversion process is complete the "Total/Remaining Time" at the bottom right will be zero.

You can now open the created MKV file in Bino (VideoHelp software). When using Bino, set the "Input" format to 2D and set the "Output" format to "Red/cyan glasses, full color". Under "Preferences" > "Settings" > "Video" set the "Parallax" value (0.10). (**Always check Parallax value setting**) MKV files created from Blu-ray 3D movies show very good depth and high quality in Bino. "Input" format in Bino is either "Alternating, left first" or "Alternating, right first" for 3D movies.

The settings listed above also work for creating video files compatible with IQmango 3D Converter.

You can watch videos that you share on your home Wi-Fi network with your TV, if it is DLNA (Digital Living Network Alliance) compatible.

If you own a "Chromecast" or "Onn" streaming device you can use VLC media player to cast video files to your TV. **Playback > Renderer > Choose your streaming device.** VLC media player gives better search/rew/ff control compared to DLNA (Switch back to "<local>" before pausing or searching during playback, when casting videos to your TV).

Revised 25-Jan-2026 – (Edited VLC media player video casting info. Testing continues...)