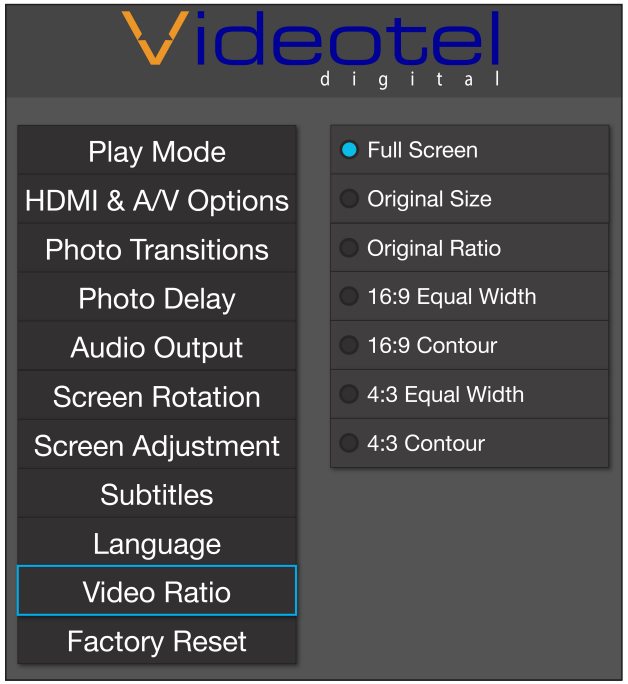
Language - Their are 12 options, including: English, Spanish, German, Italian, Russian, French, Portuguese, Chinese, Mandarin, etc.

Video Ratio

The VP70 4K can adjust the video ratio for those files that do not match your screen size. For optimum results your video/photo content should match your screen size. For Example: if your screen is 1920 x 1080, then your video should be 1920 x 1080 or something proportional such as 960 x 540 (1/2 the size). For files that are not matching the screen size, the VP70 4K can "stretch" the sides or the top. It can also be cropped with a black bar on top/bottom or on the sides. Available options are shown to the right.



Trouble shooting tips

Q) There is no signal or the screen is black

1) Make sure the player is in the correct video output mode. If the LED on the front is blue, the player will output HDMI. If the LED is green, then the player is set to A/V (RCA Jacks).

2) Verify where the HDMI or A/V cable is plugged into your TV/Screen. Set the "INPUT" to the matching plug (HDMI 1, HDMI 1, etc)

Q) My video or photo files are not playing properly or at all

1) Make sure the SD or USB you using is formatted as FAT or FAT32 (This is the standard format when buying a new SD/USB). If you wish to use ExFAT, it **MUST** be formatted with a PC. Unfortunately Apples disc utility changed many years ago and the ExFat option does not work properly.

2) Make sure your video file is not a "Pro Res" codec. This is an uncompressed Apple file and can not be played by any media player on the market. Use a common codec such as AVC/h.264, HEVC/h.265

3) If the video file is over 4GB, it must be either split into multiple files, re-encoded at a lower screen size or bit rate so its under 4GB or reformat the SD/USB as ExFAT (using a PC - see above).

4) Make sure your video and photo resolutions do not exceed 4096x2160

Q) My video or photo files are only playing once and not auto looping

1) This is probably because you selected a video or photo using the remote. This takes the player out of "Auto Play Mode" and puts it into "Manual Mode". Make sure you ONLY have the files you wish to play loaded on the SD/USB (no extra files or folders). Simply remove and replace the SD/USB and the player will auto play and auto loop without any manual operation.

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VP70 4K Operation Manual

What is in the box

1 - VP70 4K Industrial Video Player
1 - 16GB (or larger) SD Card
1 - Remote Control
2 - AAA Remote Batteries
1 - 5' HDMI Cable
1 - 5' RCA to RCA Video/Audio Cable
1 - External Power Supply



Basic operation of the VP70 4K

The VP70 4K is pre-set as an auto on and auto looping 4K video, audio and photo player. Once you connect the player to a TV or monitor, simply load your video, audio and or photo files on the enclosed SD Card (sample files have been pre-loaded for initial testing) and insert it into the player. The order in which the files are sorted on the card is the order in which they play. Your player will start play and continue to do so until power is turned off or the remote is used to stop or pause the video.

Remote Functions



Power On and Off - Blue = HDMI / Green - A/V Video Outputs - HDMI & A/V (VGA is Inactive)

Mouse Mode - Toggles between a mouse cursor with arrow buttons to simple navigation with arrow buttons

Home - Return to Video/Audio/Photo/ Settings Screen

Progressive Rewind

Play / Pause

Previous Video /File

Volume Down

Volume Up

Rotate - Not Active (Use settings button to rotate screen)

Settings

OSD - Not Active

File type selection - Lists corresponding file types loaded on SD/USB

N/A - Not Active

Arrow and SELECT - Navigate all options on home screen and settings menu

Return/Last - Returns to previous menu option

Progressive Fast Forward

Next Video/File

Stop Video

Mute Audio

Scale - Rotate through video output options 4:3, 16:9, Fit View, Full Screen, Original Size and Original Ratio

Zoom - Not Active





Connections

The VP70 4K utilizes a "Twist & Lock" DC Power Plug **(1)**. Make sure to line up the notches, insert and twist. The VP70 4K is capable of outputting video from either HDMI **(2)** or Composite Video **(3)**. **Only 1 video output can be used at a time.** The VP70 4K is capable of outputting audio through either HDMI or R/L audio jacks **(4)** while HDMI is being used (see audio settings).

Operation

The VP70 4K rarely needs an interaction via the remote. The most common menu changes are switching HDMI resolutions, changing photo slide show delay and transition type. All other settings are pre-set and rarely get accessed.

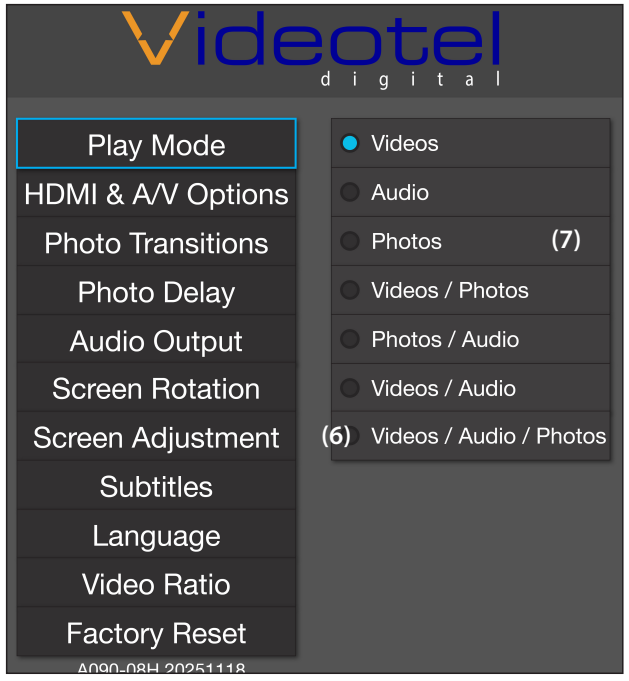
Play "only" video, audio or photo files

When you first plug in the player, the screen to the upper right **(1)** will appear. The menu options are... Audio **(2)**, Video **(3)**, Photo **(4)** and Settings **(5)**. If you wish to manually select a file to play **once**, use one of these options to select your desired file using the arrow keys and "SELECT" button on the remote.



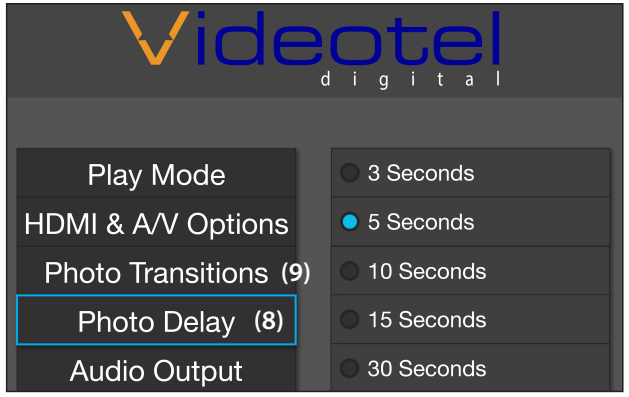
If you wish to play a variety of video, photo and audio files, no settings need to be changed. Simply insert your SD or USB and the player will auto start and auto loop all the files on the RAM. If you have multiple file types, the Videos will be played first, then the Photos and lastly the Audio files will play.

To set up the player to only play a specific file type, press the blue settings button in the upper right corner of the remote. The screen to the right will appear. Next simply change the "Play Mode" option from "Video / Photo / Audio" **(6)** to Video only, Audio only, Photo **(7)** ,etc.



Setting up a photo slide show

By default if you load photos onto your SD/USB the player will auto start and rotate through all the pictures every 5 seconds using "Cross Dissolve" Transition. The delay between photos can be changed from 3 seconds to 5 minutes using the "Photo Delay" option **(8)**. There are also 14 photo transitions available under the "Photo Transition" menu option **(9)**. Transition options include: None, Cross Dissolve, Rotate, Cube, Flip, Accordion, Zoom-Fade, Fade, Zoom Center, Stack, etc.



Video output mode

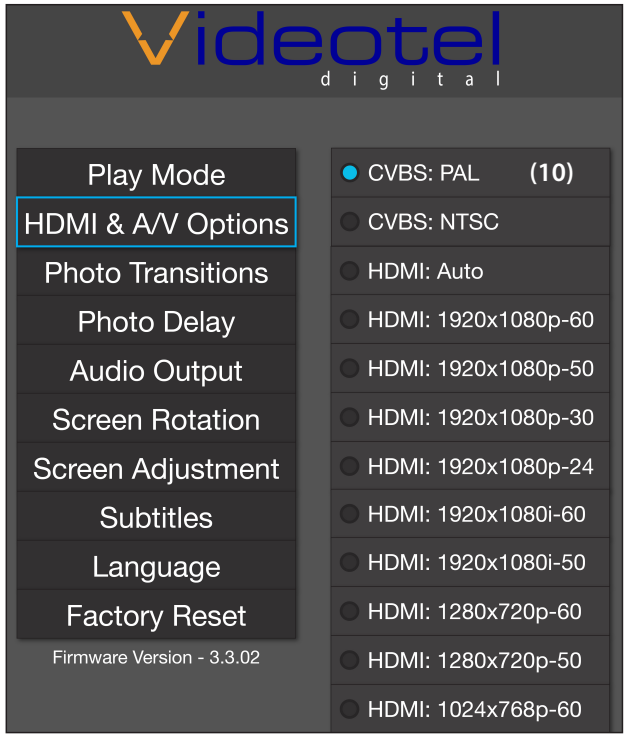
The VP70 4K can output either HDMI or A/V, but not at the same time. When outputting via HDMI the power light on the front of the player will be blue (green represents A/V Mode). When using HDMI you can change your resolution size from 720(i or p) to 4K depending on what your TV is capable of. If you wish to use the A/V option with RCA cables, you can activate this output by selecting NTSC (USA Standard) or PAL **(10)**.

Audio Output

The HDMI and the R/L audio jacks are live all the time. The setting options are: Default, SPDIF source code and RAW passthrough.

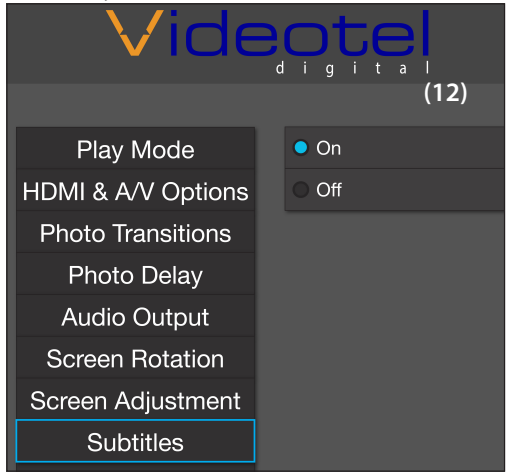
Screen Rotation

This is the same setting that can be controlled with the rotate button on the remote. The screen orientation can be changed from 0 to 90°, 180° and 270°



Subtitles

The VP70 4K has the ability to play subtitles on the bottom any video. This is done by saving a .srt file with the same file name as your video. For example, if your video is called "2025 Mustang", you would add a subtile file called "2025 Mustang.srt". You can use any text editor (Notepad, TextEdit, VS Code) to create a .srt file. For example: open Notepad (Windows) or TextEdit (Mac - Go to Format and "Make Plain Text"). Type the step **(11)**, start / stop time **(12)** and the subtitles **(13)** as shown below. Save as **your_video_file_name**.srt (choose encode in UTF-8). Lastly, turn the Subtitles option to "On" **(14)**, load the video and .srt file onto your SD/USB and insert in the VP70 4K.




```
1 (11)
00:00:01,000 --> 00:00:04,000 (12)
Hello, how are you? (13)

2
00:00:05,000 --> 00:00:07,000
I'm good, thanks!
```

- **Time Format:** `hours:minutes:seconds,milliseconds`
- `-->` separates the **start time** and **end time**