

# Technovision Inc.



## Quick Reference Guide

HW1.5  
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### DV-68 plays:

- MPEG-1 (.mpg VCD)
- MPEG-2 (.mpg DVD)
- MPEG-4 (.divx DVX)
- Windows JPEG (.jpg)
- MP3 audio (.mp3)
- WAV audio (.wav)

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## Operation

The DV-68 MPEG-2 DVD Video Player is small and compact, with no moving parts. It will store and playback full-motion audio/video clips from standard, high-speed (**40X or greater**) Compact FLASH memory cards (**FAT or FAT16 format**). Transfer MPEG-1, MPEG-2, MPEG-4. MP3 or JPEG files to the DV-68 easily by simply using your PC (**or Virtual PC on a Mac**) and a standard FLASH memory card reader. In MENU mode, the DV-68 can be set up to repeat the first file on the system with button access to the other files using the optional TV-66K. The DV-68 can also be set up in REPEAT mode to cycle through all the files on the FLASH card.

## Standard Features

- Digital MPEG-2 and MPEG-4 Media Player.
- TV66K controllable using RS232-TTL.
- Supports multiple formats, including MPEG-1, MP3 (192K max bit rate), and JPEGs.
- Supports up to 5Mbps CBR MPEG2 and up to 6Mbps (max) with a 4.5Mbps (average) in VBR MPEG2.**
- Multiple file selection (up to 99).
- Audio/Video capability.
- Instant file selection response.

## Content Integration

To set up your content (MPEG-1 VCD, MPEG-2 DVD, MP3, or JPEGs) to work with the DV-68, you must have a high-speed Compact FLASH media card capable of data transfer rates fast enough for playing back your content. You will also need to use a Compact FLASH reader/writer with your computer to copy the appropriate files to the memory card. **The only files on the card should be the media files - if there are any other files or directories on the card (i.e. Mac.dsstore files), the DV-68 will still try and play them.**

Connect your card reader to your PC (note: be sure that the card reader driver is installed) and insert the Compact FLASH card (we recommend 1GB minimum) into the reader.

**DO NOT POWER UP THE DV-68 WITHOUT THE FLASH CARD BEING INSTALLED.**

## Filenames

The DV-68 uses numeric filenames for playback. In MENU mode, the "menu file" is named "000.mpg" and the button activated files are named "001.mpg", "002.mp3", "003.jpg" etc.

In REPEAT mode, the files are named in numeric order starting at 001. For example, "001.mpg", "002.mp3", "003.jpg" etc.

### Menu Mode (factory default)

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Menu mode: DV-68 will loop file 000 as the “menu” and will then play “file (button press)”. For example, button 3 will play file 003 on the card. At the end of playing the file, the menu file (000) will begin looping again. Button access requires a TV-66K.

### Repeat Mode

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Repeat mode: DV-68 will play all the files in sequence, one file at a time in numeric order. After the last file has played, the DV-68 will start with the first file (001) again. On a button press, the DV-68 will play “file (button press)”. For example, button 4 will play file 004 on the card.

### Changing Playback Modes

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DIP Switch Selections: \_\_\_\_\_ ↑

Down (Default)	Up
1. Menu Mode	Repeat Mode
2. Composite Output	VGA Output *1
3. N/C	N/C
4. N/C	N/C
5. 16:9 Full Screen	4:3 Letter Box
6. PAL /S-Video Output	PAL VGA Output
7. USB On (DV-68H)	USB Off
8. Power On	Power Off

\*1 DV68 **MUST** be running when changing DIP#2.

### Using JPEG and MP3 files

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JPEG files will be shown for a 5-second duration both in MENU mode and REPEAT mode (unless it is the “menu”). When a MP3 file is selected, a frequency bar chart will show up when playing.

### Connecting to your display

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Plug in the RCA end of A/V cable to the jacks located at the rear of the DV-68 and then plug in the corresponding Yellow (Video), White (Audio L) and Red (Audio R) into the inputs on your monitor. Turn on power to the display and change the channel to the corresponding A/V input channel if necessary

### Operating Guide

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The full operating guide (and FAQ page), as well as sample files for the DV-68, are available for downloading from the Technovision website:

[www.technovision.com/manuals.html](http://www.technovision.com/manuals.html)

[www.technovision.com/ftp](http://www.technovision.com/ftp)

### Options

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#### TV-66K, Keypad & button controller

The required interface for connecting and controlling the DV-68 player with an external input device, such as push buttons or motion sensors.

#### DV68 remote (part# 1530-0020)

This service remote allows you to manually change SETUP parameters such as the amount of time .jpgs will stay on the screen etc..

#### DV66MS, PIR Motion Sensor Module

Extremely compact (25mm x 35mm) with 3 leads for easy connection (default cable length is 20”).

#### DV66RS232, RS232 Interface Cable

Allows users to easily control the DV-68 series devices via RS232 from a computer.

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**CF1G (1GB) to CF4G-FAT (4Gig) High Speed Compact Flash Cards are available from Technovision.**