

Fallguy *VIDEOPLAYER*



Hardware Version Rev.A 04/2016

Software Version V1.08

Revised Version – July 2020

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Overview

The Fallguy VIDEOPLAYER (LOETRONIC Article No.0168) can play up to **100 video and/or image files** (*.mp4, *.avi, *.jpg, *.png) from an inserted USB stick via HDMI on a connected monitor. It has to be supplied with DC power (2,4A @ 5,1V) by micro USB. Up to 10 buttons, switches or relays can be connected via clamping bushes to start directly specific video or image files. By using the 3,5mm stereo phone jack an external amplifier or headphones can be connected.

The audio output is both on the stereo phone jack **AND** on HDMI.

Via the LAN interface the user can update the content of the USB stick using a FTP program.

The settings for the FTP program are:

Server: IP number of the Videoplayer

User name: **loetronic**

Password: **nasenbaer**

The Videoplayer gets its IP number dynamically via DHCP or using a **network.txt** on the USB stick.

The network.txt should look like this:

```
[network]
ip= 192.168.0.100
netmask=255.255.255.0
gateway=192.168.0.1
```

After changing the network.txt via LAN the Videoplayer has to be switched off and on again.

Technical data

- 4x USB-A sockets
- 1x LAN socket
- 1x HDMI (Video + Audio, resolution up to Full HD – **1920x1080**)
- 1x 3,5mm phone jack (Stereo analog audio)
- 2x10 clamping bushes (The inputs have to be bridged with ground as pairs and are opto decoupled)

GND	01	GND	02	GND	03	GND	04	GND	05
GND	06	GND	07	GND	08	GND	09	GND	10

- Power supply: Micro USB socket, 5,1V DC
- Current consumption: max. 2,4A at 5,1V DC, depends on software, application and video files
- Dimensions: 100x80x43mm (Length x Width x Height)
- Playable video files: *.mp4, *.avi (XviD, H.264/MPEG-4 AVC, MPEG4 – FFmpeg)
- Playable image files: *.jpg, *.png

Operation software V1.08

The operation software lies on a micro SD card, which is build into the device. This SD card should not be changed by the user! The following functions and features are possible in V1.06. More possibilities and functions can be implemented anytime by LOETRONIC.

The USB stick must be formatted in **FAT32**. Up to **100 video and/or image files (*.mp4, *.avi, *.jpg, *.png)** can be used on the USB stick. There are no restrictions regarding the file name. All files are sorted by the Videoplayer alphanumerically.

After powering the device up or in StandBy, the Videoplayer shows the LOETRONIC start screen **or** a **logo.jpg** from the USB stick. The OS version number, all video files from the USB stick and all configuration, which differs from default, are displayed constantly on the LOETRONIC start screen or for some seconds only after start on the **logo.jpg**.

Using a **config.txt** on the USB stick different functions can be set up. The settings inside the config.txt can be made with every editor and look like this:

Setup of the inputs 1-10:

BO!xxxxxxxx - 0 – Normally open (NO)
 1 – Normally closed (NC)
 Default: **BO!0000000000**

Setup of the interrupt possibilities:

IN!xx - 00 – Interrupt Other (Playback can be interrupted only by other inputs)
 01 – Interrupt All (Playback can be interrupted anytime)
 02 – No Interrupt (Playback cannot be interrupted)
 03 – Stop at Release (Playback is stopped after release of an input)
 04 – Stop at Press (Playback is stopped after the input is pressed again)
 Default: **IN!00**

Setup of autostart possibilities:

AS!xx - 00 – No Autostart
 01 – Autostart with 0 seconds delay
 02 – Autostart with 1 second delay
 03 – Autostart with 2 seconds delay
 ...
 10 – Austostart with 10 seconds delay
 Default: **AS!00**

Setup of repeat possibilities:

RP!xx - 00 – Loop Next (Next video file is started after ending a file)
 01 – Loop All (Like RP!01, but after the last file the first file is started again)
 02 – Loop Same (After ending a file the same file is started again)
 03 – No Loop (Playback is stopped after ending a file)
 04 – Loop First (After ending a file the first file is started again)
 Default: **RP!00**

Setup of shuffle possibilities:

SH!xx - 00 – No Shuffle
 01 – Shuffle
 Default: **SH!00**

Setup of button possibilities:

BU!xx - 00 – Normal input mode:
 1. Input: Play (Start of the first file)
 2. Input: Stop
 3. Input: Previous (While playback)
 4. Input: Next (While playback)
 5. Input: Play Next (In Standby)
 01 – Direct input mode: Every input starts specific video file
 Default: **BU!00**

Setup of image file duration:

JP!xx - 00 – Image files will be displayed constantly
 01 – Image file is displayed with 1 second duration
 ...
 99 – Image file is displayed with 99 seconds duration
 Default: **JP!00**