

Fallguy VIDEOPLAYER

Rev.A / V1.06

Hardware Version Rev.A 04/2016

Software Version V1.06

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Overview

The Fallguy VIDEOPLAYER can play video files (*.mp4, *.avi) 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 relais can be connected via clamping bushes to start directly specific video 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 it IP number dynamically via DHCP or using a **network.txt** on the USB stick.

The network.txt should look like this:

[network.txt]

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)
- 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 Heigth)
- Playable video files: *.mp4, *.avi (XviD, H.264/MPEG-4 AVC, MPEG4 – FFmpeg)

Operation software V1.06

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 10 video files (***.mp4, *.avi**) can be used on the USB stick. The first characters of the file name must be 01 – 10, the rest of the file name can be choosed in any way.

For example:

- 01WerbungHundefutter.avi
- 02Advertising.mp4
- 09Schlumpf.avi

After powering the device up, the Videoplayer shows for some seconds the LOETRONIC start screen with version number, all video files on the USB stick and configuration, which differs from default. After this and in stand by the Videoplayer shows either the LOETRONIC screen or a **logo.jpg** on the USB stick.

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 All (Playback can be interrupted anytime)
 01 – Interrupt Other (Playback can be interrupted only by other inputs)
 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
 Default: **AS!00**

Setup of repeat possibilities:

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