

HDAbox





Interactive Video/Pictures On/Off-line Applications



HDAbox Installation Manual

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1 COPY MEDIA FILES ON THE DEVICE

The device is equipped with a removable memory card on which are placed the video files you want to play. To copy files, simply insert the card into a computer equipped with an SD card reader.

When the card is in the drive, select Computer from the Start menu. Your card should appear in the removable storage.





Click the corresponding icon of your SD card to open the root folder.

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📕 Bureau 🧄	Nom	Modifié le	Туре	Taille		
 Emplacements récen Dropbox Téléchargements SkyDrive 	🐊 img	19/12/2013 20:36	Dossier de fichiers			
	🔒 system	20/01/2014 14:48	Dossier de fichiers			
	📙 video	20/01/2014 19:24	Dossier de fichiers			
	🛓 bootcode.bin	17/12/2013 02:08	VLC media file (.bi	18 Ko		
 Bibliothèques Documents Images ≡ Musique Vidéos 	📋 cmdline.txt	10/12/2013 00:27	Fichier TXT	1 Ko		
	📄 config.txt	21/02/2013 21:55	Fichier TXT	2 Ko		
	📄 fixup.dat	17/12/2013 02:08	Fichier DAT	6 Ko		
	📄 fixup_cd.dat	17/12/2013 02:08	Fichier DAT	3 Ko		
	📄 fixup_x.dat	17/12/2013 02:08	Fichier DAT	9 Ko		
	📄 issue.txt	9/02/2013 03:42	Fichier TXT	1 Ko		
🕹 Groupe résidentiel	📄 kernel.img	17/12/2013 02:08	Fichier IMG	3.044 Ko		
	kernel_emergency.img	17/12/2013 02:08	Fichier IMG	9.562 Ko		
P Ordinateur	start.elf	17/12/2013 02:08	Fichier ELF	2.455 Ko		
	start_cd.elf	17/12/2013 02:08	Fichier ELF	469 Ko		
	Start x.elf	17/12/2013 02:08	Fichier ELF	3.411 Ko		

The img folder will contain all the images of a slideshow presentation type

The video folder will contain video and audio tracks

The system folder hosts configuration files

Other files in the root directory are essential to the functioning for the device to run, do not destroy and do not change them.



IMG FOLDER

Place here the images of a slideshow presentation, the quantity of images is only limited by the capacity of the card. Images must be **'.jpg'** or **'.png'** files. During the presentation they will be sorted in alphabetical order.

VIDEO FOLDER

Place here the video you want to play, the number of videos is limited only by card capacity. The files must be compressed preferably with a mp4 codec H264. The file name must be one of the following extensions:

'.avi', '.divx', '.h264', '.mov', '.mp4', '.mp3'

The other files are ignored. During the presentation files will be sorted in alphabetical order.

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 Emplacements récention Dropbox Téléchargements SkyDrive 	👪 Ofages.mp4	15/01/2014 20:35	Vidéo MP4	85.697 Ko
	🛃 demo2.mp4	10/02/2013 10:00	Vidéo MP4	51.524 Ko
	🛃 demo3.mp4	20/12/2013 00:11	Vidéo MP4	44.287 Ko
	🔊 demo4.mp4	20/12/2013 00:13	Vidéo MP4	7.513 Ko



2 READING CONFIGURATION MODE

SYSTEM FOLDER



The **setting.txt** file is used to define the autonomous behavior of the video player To modify this file right click and choose "open with notepad" or simply double-click the file name.

The file should contain a single line which is of the following form: <MODE> <PARAMETER>, <SWITCH TYPE > MODE = IMG, LOOP, SEQ, TRIG, TSEQ or TEST PARAMETER = a track number, this parameter is optional SWITCH TYPE = NO or NC, this parameter is optional

Note : NO = Normally Open NC = Normally Close



SETTING MODES OVERVIEW

LOOP,	video file corresponding parameter is repeated indefinitely when device is powered on. If there is no number, the first video is looped
e.g. :	
LOOP	play the first video folder's file in loop
LOOP,3	play the 4th video in loop
TRIG,	to start the video, it need action on the switch. At the end of the video, the player stops waiting for a new action. The number of the video in the directory is given as a parameter.
e.g. :	
TRIG,1,NO	playing the first video file when closing dry contact. This is a switch type " Normally Open " as a doorbell button.
TRIG,1,NC	playing the first video file when opening contact. This is a switch type " Normally Closed " as most of PIR sensor.
SEQ	all videos in the folder are played sequentially. After the last video, the loop starts again at the first.
TSEQ	on every action on the switch, the next video is played. After the last it's the first and so on.
e.g. :	
TSEQ,0,	the next video file is played at NO closing contact switch (e.g. pressure on a button). This is a switch type " Normal Open " as a doorbell button . Note that the parameter O must be present
IMG	the images in the folder are shown in slideshow
TEST	in this mode, the screen displays the status of the switch or sensor connected to the device to check the proper operation of this trigger.
Note:	In triggering modes, you must wait until the end of a track to be able to re-initiate a new one.



3 INSTALLING THE CARD IN THE DEVICE

When you insert or remove the card make sure the device is not powered ON.

The card is inserted label side down into the slot at the bottom of the unit, do not force the card it is normal that exceeds +/-1 cm.



Label down, connector up





4 WIRING

In the simplest use, as loop player, simply connect two cables to the screen and the device is ready for operation.

HDMI cable (not supplied with the unit) connects to the side of the player, the other end is connected to the TV or projector.

USB A / micro USB B cable supplied with the unit used to power it. The small connector plugs into the device near the memory card slot. The other end plugs into a USB socket on the TV. If the TV does not have USB ports, then there should be a USB power is available as an accessory (REF RS-USB-220V-PLUG).

The digital audio output is integrated into the HDMI signal, it is possible to have a second audio (analog) output on a 3.5mm jack.



Note : the Video composite RCA connector should be used when no HDMI available.



TRIGGER WIRING WITH PLAYER DEVICE

1 - Button or relay without power



2 - Powered sensor



Internal wiring of PIR IS-215T sensor (see also PIR documentation). You have to make a bridge between input +12V (terminal 1) et C marked terminal (3). This sensor is NC type.

