

YOUPLAY

Broadcast Production Player

(Rev. 2.5 ENG)

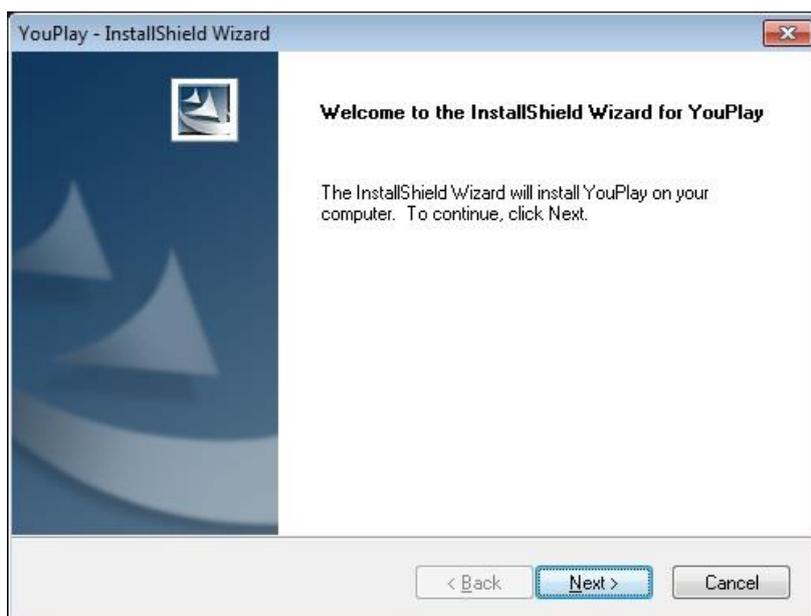
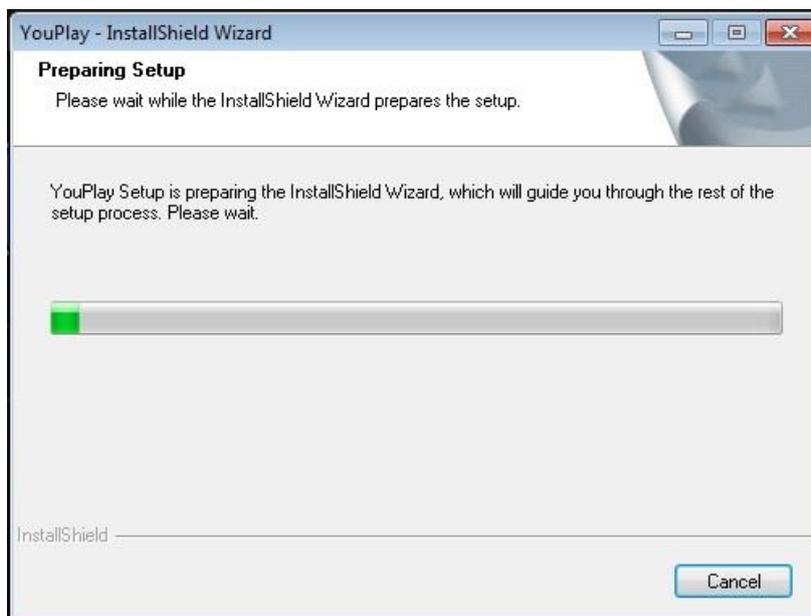


CONTENT

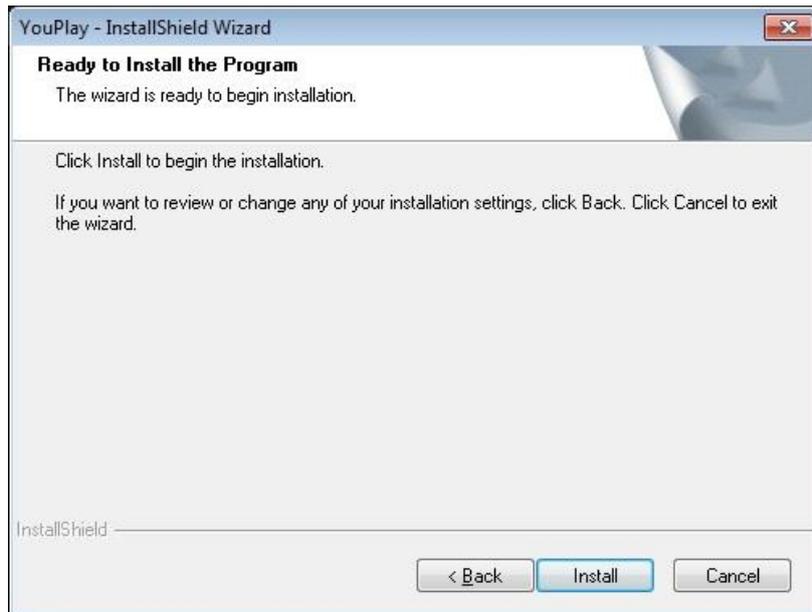
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1 INSTALLATION

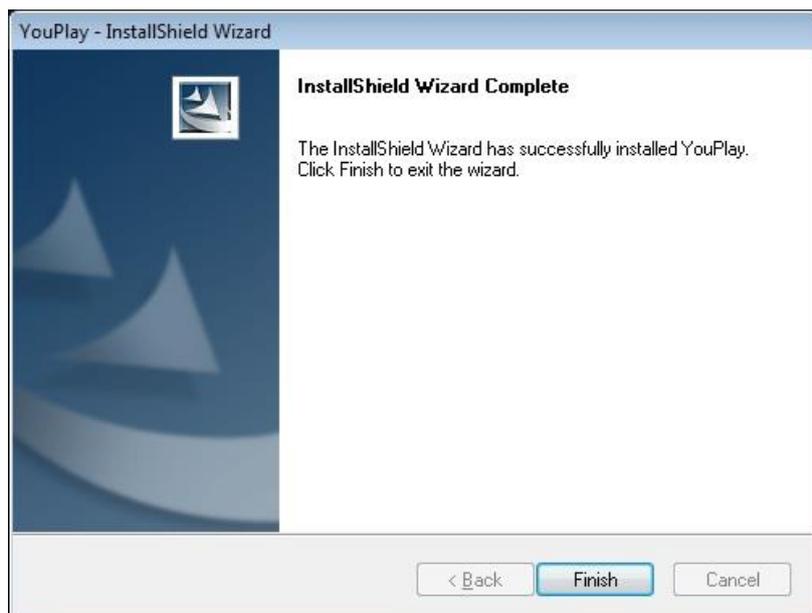
To install YouPlay on your pc, run the install shield



Press NEXT when requested



When you click the **INSTALL** button, the setup will install YouPlay and come other important components, as CG Composer, CG Samples and Multimediapack. After all the installations, it will show the following window:



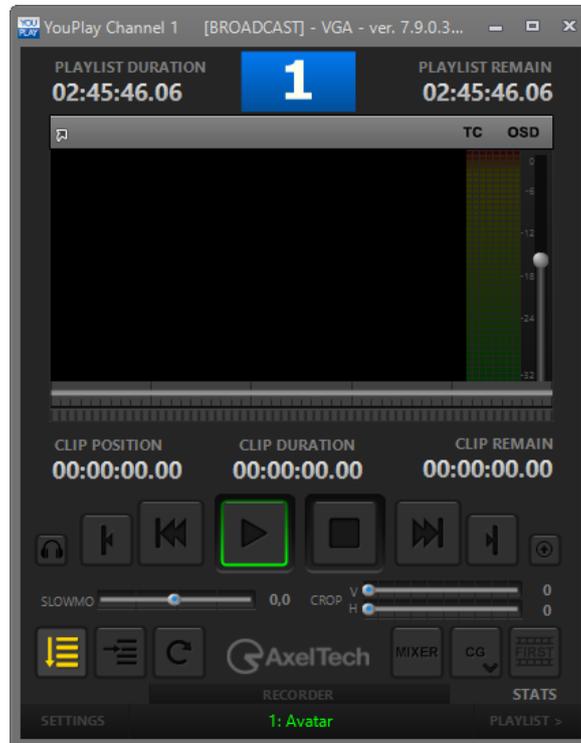
Click finish to complete the setup. It will show a window that confirm that the installation is complete



2 HOW TO USE YOUPLAY

2.1 RUN THE SOFTWARE

When you launch the YOUPLAY icon, it will show the following screen



Clicking on PLAYLIST the screen will change showing the playlist module

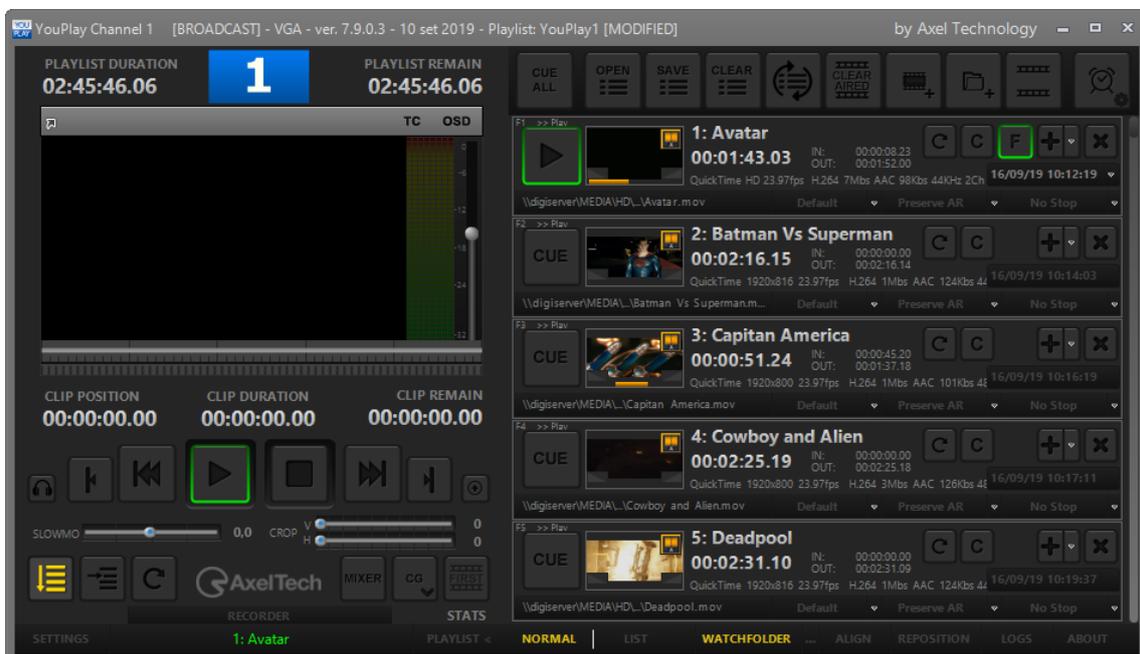


It is possible to choose between two different playlist displays: NORMAL and LIST.

The following image shows the LIST display:



The following image shows the NORMAL display:



It is possible to run multiple instances of YouPlay also if the dongle contains only one licence. The main instance will be the playback, while the other instances can be used to preview (on VGA) and edit clips that can be dragged and drop into the main playback after editing (keeping the mark in and mark out points set on the second instance).

2.2 HOW TO INSERT A CLIP ON THE PLAYLIST

There are four different ways to add a clip to the list:

1. Click on the  button, then browse the clip in windows mode
2. Open the clip folder, then drag and drop it into the playlist space (right part of the screen)
3. Open the clip folder, then drag and drop it on the preview space (left part of the screen)
4. Use the APPEND CLIP button . WARNING: the APPEND CLIP button will put the clip AT THE END of the playlist
5. Drag and drop from another YouPlay instance (If you keep pressed the CTRL, the clip will be copied and past, otherwise the clip will be moved)

2.3 PLAYLIST MANAGEMENT OPTIONS

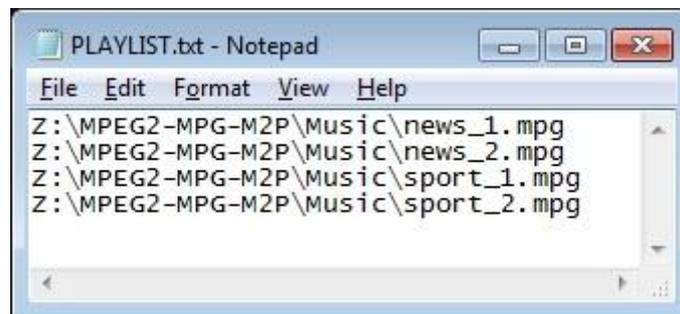


Open a previously saved playlist

The playlist format that can be used with YouPlay are:

.TXT – It is possible to edit manually the playlist using a notepad and listing the paths of the clips

Example of a .TXT playlist:



.LST – Playlist format by YouPlay. When you save a playlist with YouPlay, it will be in .LST format

.XSC – Playlist made with Xscheduler (scheduler software of XTV suite by Axel Technology)

.FCPXML – Playlist made with Final Cut Pro

.XML – Playlist made with Final Cut



Save the current YouPlay playlist in an external .LST file. Choose the desired file location and open it when you will need it again.



Delete all the clips from the playlist.



If enabled, when a clip will be played, it will be deleted from the playlist.



Add the entire content of a folder to the playlist



Shows as first element of the playlist the one currently on air

It is possible to set a **WATCHFOLDER**, that is a folder where you can constantly check the presence of new clips and insert them quickly. **WATCHFOLDER** is very useful to add new contents to a program (e.g. newscasts) after a few minutes that the clip is recorded.



If enabled, checks the presence of new files on the **WATCHFOLDER**.



Use this button to set the path of the desired **WATCHFOLDER**



When this button turns to yellow, it means that there are new clips on the WATCHFOLDER. Clicking on this button all the new clips inside the WATCHFOLDER will be inserted on the playlist.

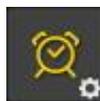
NB The clips can be moved inside the playlist using drag and drop feature.

2.3.1 PLAYLISTS SCHEDULER



Through this button will be possible to create a schedule with all the desired **.lst** playlists. From this scheduler it will be also possible to decide the exact playing time for each **.lst** playlist.

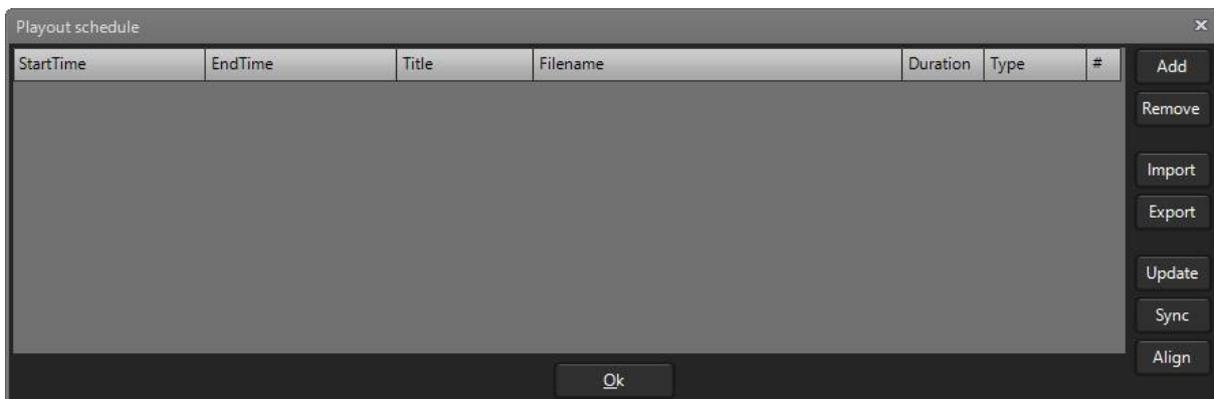
By clicking it, you will activate PLAYLISTS SCHEDULER.



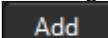
When it is ON, the button will turn to yellow



Press the settings wheel at the bottom-right to enter in the following scheduler tab:



At the right side of the window you could find all the buttons for the schedule management:



press it to add a **.lst** playlist line for the current schedule.

A single **.lst** playlist line of the current schedule could be moved up or down by dragging it in the desired schedule position.

Remove

Select the desired .lst playlist line to be deleted and press Remove.

Import

It is possible to import a previously created complete schedule by clicking on Import. Then select the schedule saved in **.LSTS** format from the window that appears to open it here.

Export

It is possible to save the entire schedule by clicking on Export. Add all the desired .lst playlists lines and press Export to save your current schedule in **.LSTS** format with the desired and customized file name.

Sync

Through this button a check is performed on the playlists added to the scheduler. The presence of files in the indicated paths is re-checked, their individual durations are re-checked and the different durations, from those currently displayed, are updated with new ones.

If a schedule line turns red it means the playlist-file is not found in the displayed path like the following example:

18/09/2019 12:48:53	18/09/2019 13:06:37	marlon	\\digiserver\media\PLAYLIST\maurice4\marlo...	00:00:00	Wait	5
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If a schedule line turns yellow it means the playlist STARTIME is set before the ENDTIME of the previous playlist like the following example:

StartTime	EndTime	Title	Filename	Duration	Type	#
18/09/2019 12:40:00	18/09/2019 12:53:19	news	\\digiserver\media\PLAYLIST\maurice4\news.lst	00:13:19	Wait	6
18/09/2019 12:48:53	18/09/2019 13:06:37	marlon	\\digiserver\media\PLAYLIST\maurice4\marlo...	00:17:44	Wait	5

If a schedule line is white coloured it means that all is OK:

StartTime	EndTime	Title	Filename	Duration	Type	#
18/09/2019 12:40:00	18/09/2019 12:53:19	news	\\digiserver\media\PLAYLIST\maurice4\news.lst	00:13:19	Wait	6
18/09/2019 12:53:19	18/09/2019 13:11:04	marlon	\\digiserver\media\PLAYLIST\maurice4\marlo...	00:17:44	Wait	5

NB: this coloring of the scheduler lines is independent of the **TYPE** parameter that can be set on **WAIT** or **CUT**

Align

To align the STARTIMES of the clips with the ENDTIMES of the previous ones press **ALIGN**.

Update

The **UPDATE** button performs both the Sync button and the Align button operations. With **UPDATE** button it is also synchronized the selected playlist STARTIME with the YOUPLAY-PC.

This is the line of the column headers:

StartTime	EndTime	Title	Filename	Duration	Type	#
17/09/2019 11:42:00	17/09/2019 11:55:19	dance	\\digiserver\MEDIA\PLAYLIST\maurice4\dance...	00:13:19	Wait	7
17/09/2019 11:55:19	17/09/2019 12:51:43	jazz	\\digiserver\MEDIA\PLAYLIST\maurice4\jazz.lst	00:56:24	Wait	26
17/09/2019 12:51:43	17/09/2019 13:05:03	news	\\digiserver\MEDIA\PLAYLIST\maurice4\news.lst	00:13:19	Wait	6
17/09/2019 13:05:03	17/09/2019 13:17:51	soul	\\digiserver\MEDIA\PLAYLIST\maurice4\soul.lst	00:12:48	Wait	3

StartTime

In this column you will find the playlist file StartTime. It is possible to edit it by doubleclicking on the playlist StartTime in this tab.

EndTime

In this column you will find the playlist file EndTime, calculated in accordance with file duration. The parameter displays the result of an automatic calculation and it is not editable.

Title

In this column you can read the playlist title.

Filename

In this column you can read the path of the playlist

Duration In this column you can read the playlist duration.

Type In this column you can read the playlist type. It is possible to edit it by doubleclicking on the playlist TYPE in this tab. You can choose between WAIT and CUT.

- in the event that the STARTTIME of the playlist is set before the ENDTIME of the previous one and
If **WAIT** is selected, the playlist ignores its own STARTTIME and it waits for the end of the previous one.
- in the event that the STARTTIME of the playlist is set before the ENDTIME of the previous one and
if **CUT** is selected, the playlist does not wait for the end of the previous one, but cuts the previous one and starts at the established STARTTIME.

This descriptor shows to the user the number of clips inside the Playlist

By clicking on OK you confirm the PLAYLISTS SCHEDULER changes and settings. Changes will be immediately applied.

HOW TO PREPARE A CLIP TO BE PLAYED



All the clips with the green button are ready to be played. The different colours give information about the state of the clip:
GREEN = Ready
YELLOW = Preparing
RED = Error



To prepare a clip ready to be played, click on the **CUE** button. The CUE button will change into PLAY button to show that the clip is ready to be played.



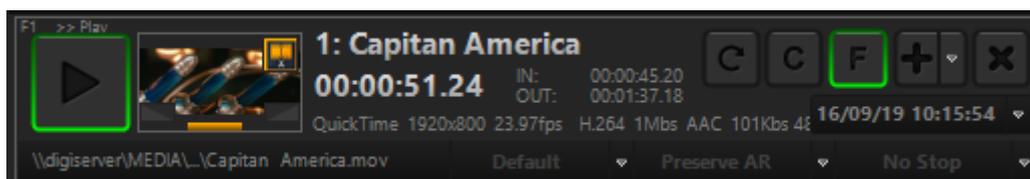
It is possible to prepare ALL the clips of the playlist by enabling the button **CUE ALL**. WARNING: Preparing ALL the clips will cause a larger use of memory and the system could become slower.



It is also possible to select some clips to be ready by clicking on the **C** button.

2.4 CLIPS OPTIONS

Here a description of all the options that can be applied to the clips on the playlist



Breakfast_In_America_... Name of the clip

00:02:37.06 Length of the clip

MPEG-2 7.63Mb/sec PAL MPEG Audio Layer 2 224Kb/sec 48KHz 2Ch Multimedia info

Y:\Clip Musica\Breakfast_In_America_4560.m ... File path

00:00:00.00
00:02:37.05 Mark In and Mark Out



Loop mode. The clip will be played continuously.



Cue mode. The clip will always be ready to be played.



First Frame. This button appears only if the clip is ready to be played. It allows to put on air the first frame.



Insert a new playlist item. Click on the arrow to open a submenu with the options (File, NDI, URL, Live)



Delete the clip from the playlist.

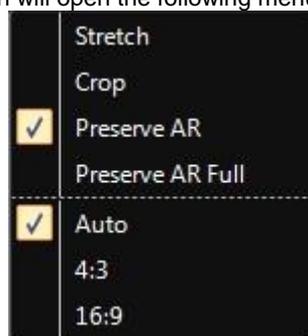
Default ▾ The DEFAULT button will open the following menu:



Use this menu to define the clip FIELDS.

NB: It is possible to change the fields of the clip while the clip is on air

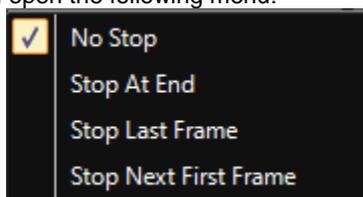
Preserve AR ▾ The PRESERVE AR button will open the following menu:



Use this menu to modify Aspect Ratio and Stretch Mode of a single clip without changing the default settings of your TV station.

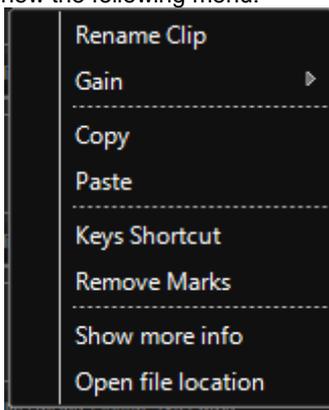
NB: It is possible to change Aspect Ratio and Stretch mode of the clip while the clip is on air

No Stop ▾ The NO STOP button will open the following menu:



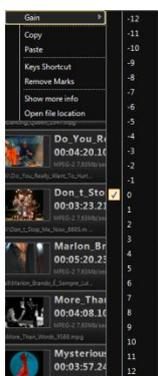
Use this menu to choose how to stop the clip

Right clicking on a clip on the playlist, it will show the following menu:



Rename Clip

Rename a clip



Gain

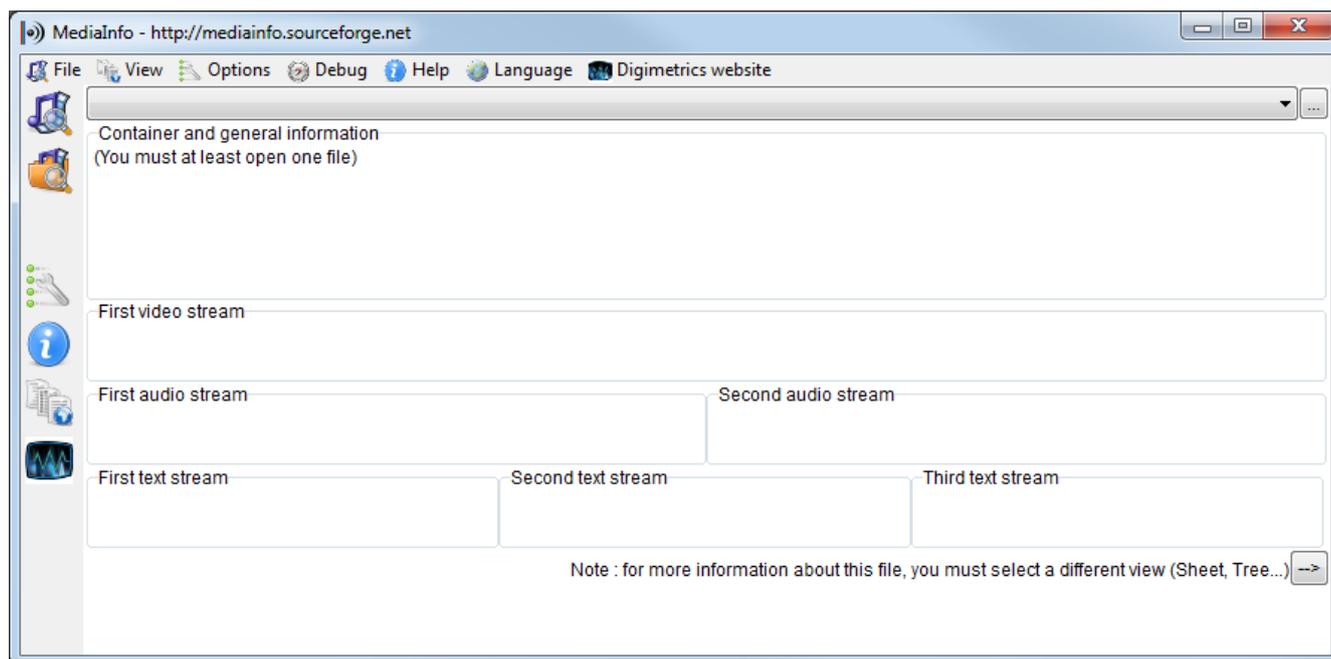
choose the gain level for the volume

Copy
Paste

Copy or past a clip

Show media info

This option will show all the info about the clip

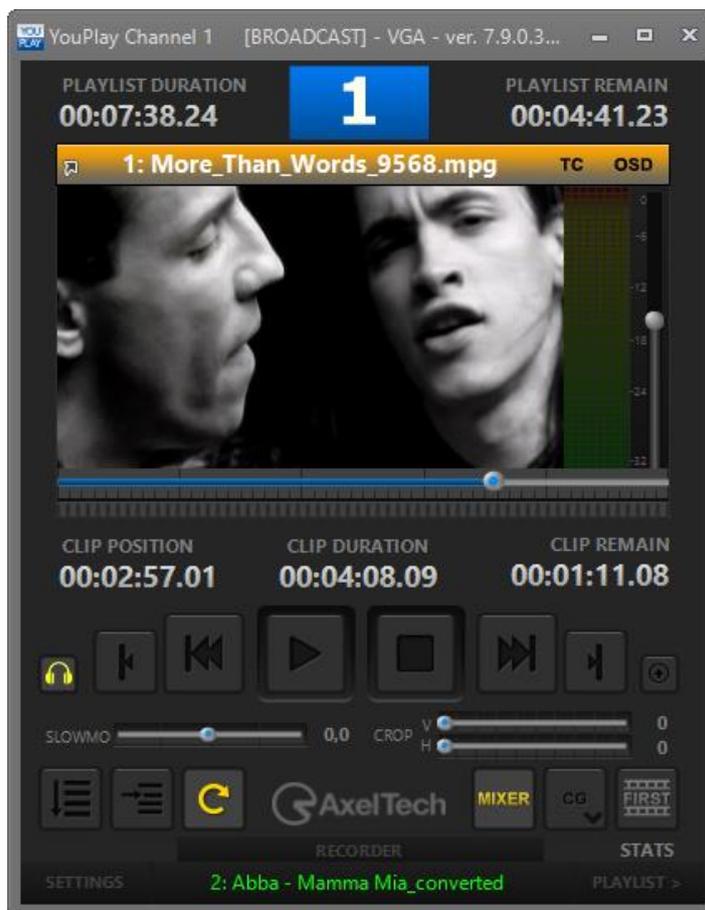


Open file location

Open the folder where the clip is located.

2.5 **PLAYOUT OPTIONS**

On the left of the screen there is the playout panel.



The playout panel is composed by the following sections and controls:



Clip preview. Double click on the preview will run

the clip on Windows Media Player



Play the clip. This button will change into PAUSE while the clip is playing.



Stops the clip while playing.



Back to the previous clip/restart clip. NB: If you click this button before 3 seconds from the start, it comes back to the previous clip, after 3 seconds it will restart the current clip.



Next clip.



Sets the markIn point.



Sets the markOut point.



Enables the audio preview



With this button you can send a remote command to an external device or to an external software(like Tricaster, Xrouter, BlackMagic VideoHub and BlackMagic ATEM) by choosing between one of the available.

In this example we have set for a **Pause** command to send to **Axel - XROUTER** software:

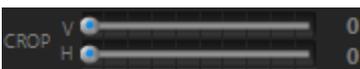


It is possible to set available commands by adding, editing or removing them in the Settings > Commands section.



Allows to play the clip slower or faster.

Move the cursor to the left (for a slower play) or to the right (for a faster play). To come back to the normal speed, click on the PLAY button.



With these two sliders you can crop the Playout in real time.

V slider crops the playout vertically
 min cropping value = 0
 max cropping value = 100

H slider crops the playout horizontally
 min cropping value = 0
 max cropping value = 100

After changes the crop will be immediately applied.



Applies the markin and markout changes.



Remove actual markers.



If enabled, plays the whole playlist continuously, always respecting the stop mode set on the single clips.



ONE AT A TIME MODE: If enabled, it will stop playing at the end of the clip. **WARNING:** when this function is enabled, all the stop mode of the clips will be disabled and the No Stop option on the clips will be hidden.



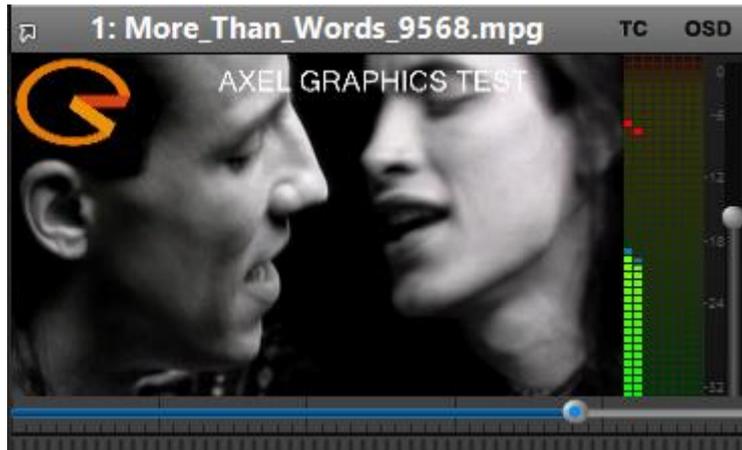
Loop mode. The clip will be played in loop until the clip will be stopped or the One At aTime mode will be enabled.



Show or hide the .acg page with graphics(To enable this powerful feature go to: **Settings > Playout > Logo / Graphics > CG (more CPU usage)** has to be checked)

In the next example

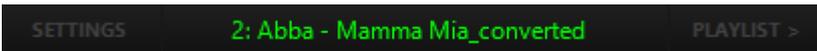
- we previously set an .acg page
- we selected it in the list by opening the arrow in CG button
- we activated CG button until it turned to yellow.



This button allows the YOUPLAY CHANNEL to be controlled by an external mixer (like Atem or Tricaster device) by choosing between one of the available. It is possible to set the external mixer parameters by entering in the Settings > Remote > Mixer section.



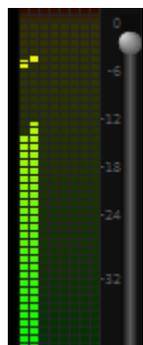
If enabled, it stops the clip on the first frame of the next clip. NB It can be enabled only if ONE AT A TIME MODE is enabled.



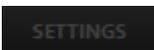
Shows the next clip on the playlist



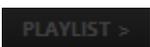
Playout cursor. It is possible to move it to search a particular point on the clip.



Realtime Volume Control. By moving the slider up or down it is possible to change the clip volume even if the clip is running.

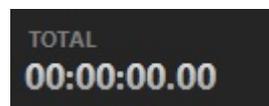


click on this button to enter in the youplay channel settings.



this button expands / reduces playlist section on the right side.

2.6 RECORDER OPTIONS

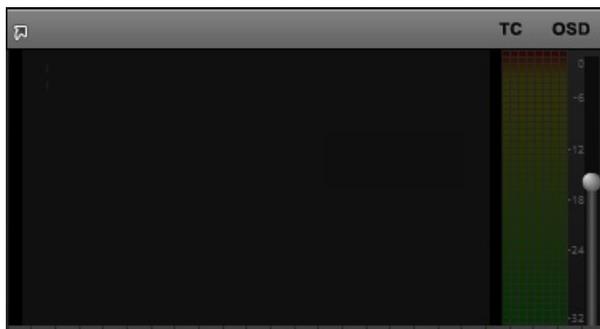


This is the current point of the clip



This is the duration from the start of the current segment, after

the presson of the button



Monitoring area of the current REC

OSD= Total Time and recording state.

TC = TimeCode. Enable the visualization of the TimeCode in the capture

By clicking on the time label, you can change between Segment Duration or Total Duration



Change or correct the audio level of the current clip in rec.



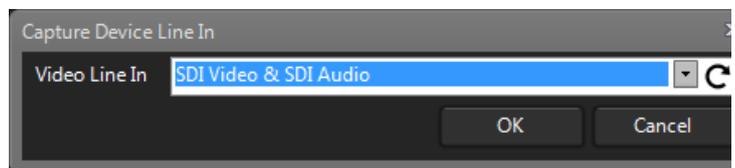
Dropped frames. The Max value is settable from settings



Recording parameters
IDR = Instant
ADR = Average



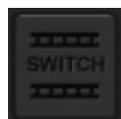
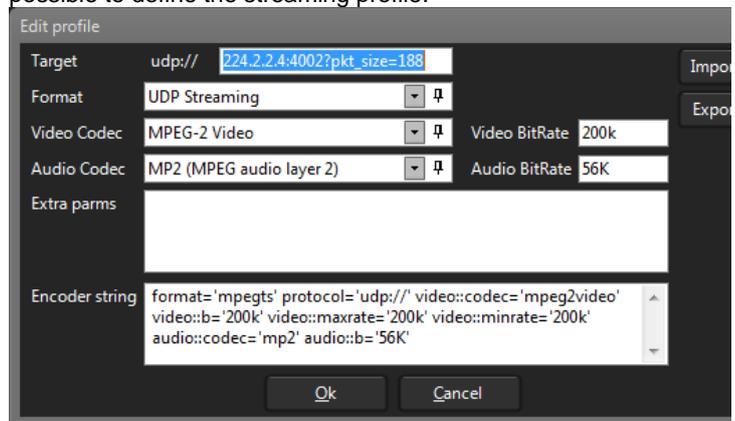
If NDI is enable, it is possible to choose the Video Line-In.



Allows to listen the audio of the rec from the default Windows audio card.



Adds an IP stream.
By clicking the gear you can open the setting form where is possible to define the streaming profile.



The Switch button creates a new video segment and close the previous one.



Starts the recording



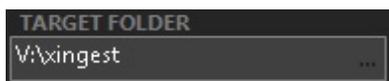
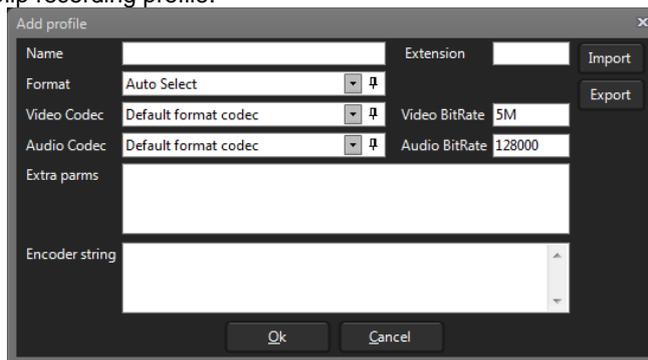
Stops the recording



Name of the clip



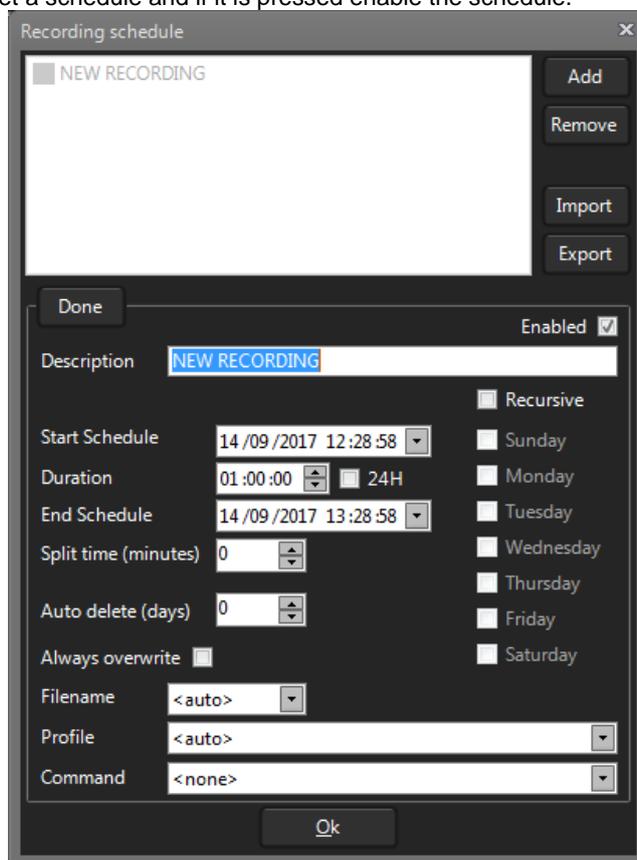
Clip recording profile.



Target folder of the clip. The clip will be saved in this path.



Set a schedule and if it is pressed enable the schedule.



Add	Adds a schedule
Remove	Removes the selected schedule
Done	Confirms the changes on the schedule
Enabled	Decides if the selected schedule is enable.
Start Schedule	Decide the day and the hour of the start of the schedule. If recursive is enabled, defines only the starting time of the schedule
Duration	Define the Duration of the schedule. If selected 24H, the duration is 24 hours.

End Scheduler	Define the day and the hour of the end of the schedule. If Recursive is enabled, define the hour of the end of the schedule.
Recursive	Define if the schedule is recursive. If it is enabled it is possible to select the days of the week.
Split time (minutes)	Further than this minutes a new capture segment will be created.
Auto delete (days)	Further than this days the oldest clips will be deleted on the recording folder.
Filename	If <auto> the schedule records the clip with default file and folder. If Folder, the folder in which you want to record will be requested and the file name will be assigned by default. If File, the name of the file to be recorded will be requested and the folder will be assigned by default. If Custom, a file in LTC UTC format and duration will be created in the default folder.
Profile	If <auto> the schedule records the clip with the capture profile by default. Otherwise the selected profile will be used.
Command	If <none> the schedule records without sending any commands, otherwise the selected command will be sent at the capture start.



Snapshot of the current recording.

Send commands



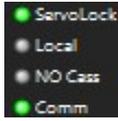
Available commands



If available, connect a video recorder



	Eject the tape from the connected video recorder
	Rewind the tape in the connected video recorder

		Play the tape in the connected video recorder
		Fast forward of the tape in the connected video recorder
		Stop the playback of the tape in the connected video recorder.
		Control for the fast forward or the rewind of the tape. The bottom button controls the jog/shuttle operativity  . Jog is fine strokes - generally moving in increments of a frame Shuttle is broad strokes - you turn the wheel a little and depending how far you turn you go faster and faster up to many times real-time.
		Servolock: the tape is in playback Local: it is impossible to control the videorecorder from this panel No Tape: the tape is not present. Comm: No vcr is connected

SETTINGS

Opens the settings

STATS

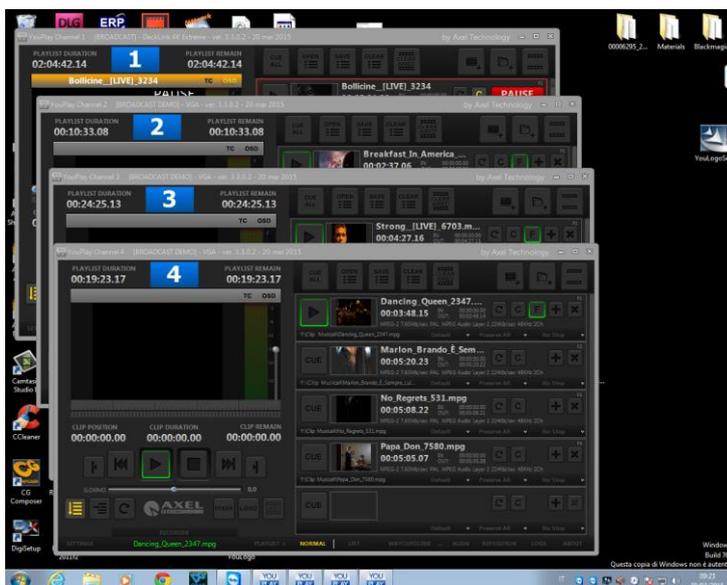
Opens the statistics

PLAYLIST >

Opens or closes the right panel with the playlist

3 MULTICHANNEL

YouPlay can play up to 4 different channel on the same pc.



REPOSITION

The reposition button will divide the screen into 4 parts and reposition the multichannel windows as in the following image:

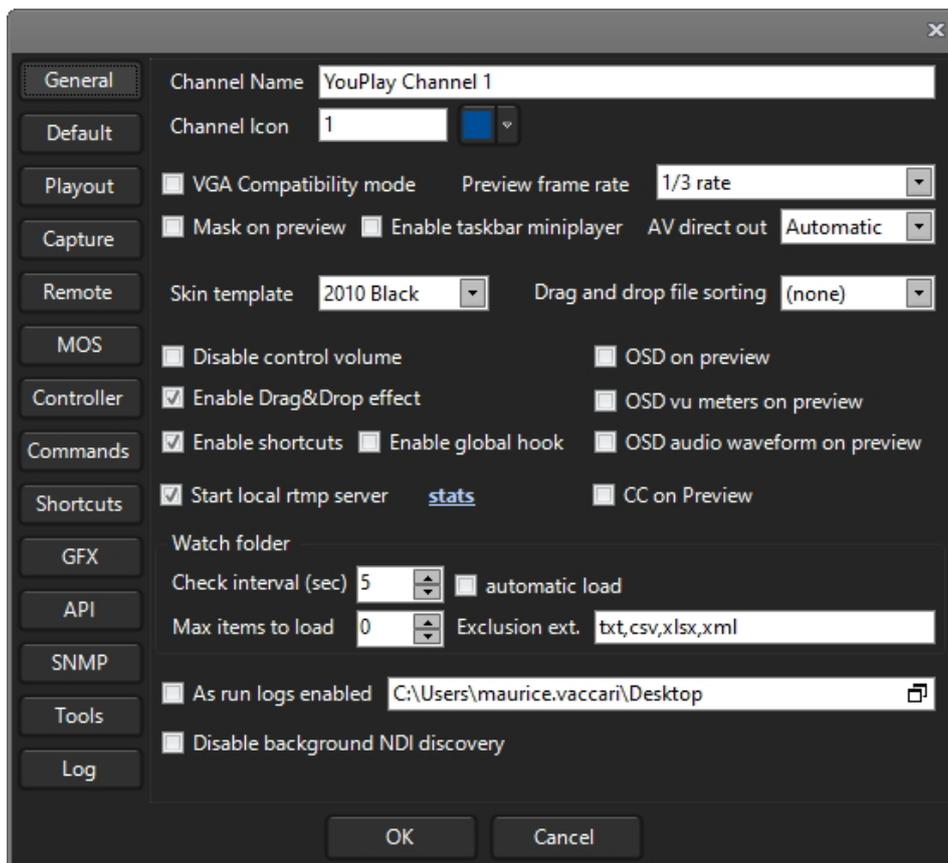


4 SETTINGS

Click on the **SETTINGS** button to configure YouPlay.

There are ten different settings panels: General, Default, Playout, Capture, Remote, VDCP, Shortcuts, API, Tools, and Log.

4.1 GENERAL



Channel Name Name of the channel that will be shown on YouPlay

Channel Icon Channel Icon on YouPlay GUI. It is useful on multichannel mode to distinguish the channels. By default you could find a number (1, 2, 3, 4)



Background color of the displayed Channel Icon (by default the Channel Icon is a number)

VGA Compatibility mode Change the video preview in order to be compatible with particular remote connection software(e.g. remote Desktop)

Preview frame rate 1/3 rate Select the frame rate of the preview

Mask on preview Enables/disables the preview masking. If enabled you will not see the aired clip on the preview.

Enable taskbar miniplayer Enable DWM
(see http://en.wikipedia.org/wiki/Desktop_Window_Manager for details)

AV direct out enabling Audio/Video direct out each frame will be sent to the output without any extra processing.

Skin template Change the YouPlay skin.

Drag and drop file sorting display order of the elements added to the current playlist by mouse drag and drop

Disable control volume Disables volume control

OSD on preview preview on-screen display

Enable Drag&Drop effect Enables graphics effects during drag and drop actions

Enable shortcuts Enables the use of shortcut keys. You could use the proper shortcut assignment area.

Enable audio on preview Enables audio in Preview

Pause on seek position When you search for a position, then youplay pause on seek position

OSD(On Screen Display) on preview

OSD vu meters on preview OSD(On Screen Display) vu meters on preview

Enable global hook By enabling this option, shortcuts will be received even if Youplay is minimized or if it is not in the top-level of Windows opened programs.

OSD audio waveform on preview OSD(On Screen Display) audio waveform on preview

Start local rtmp server by enabling this parameter you will active for a local rtmp server. This server allows you to generate an rtmp streaming.

[stats](#) by opening this link you will read all the statistics connected with the RTMP server

CC on Preview by checking this parameters Subtitles will be displayed if available.

Check interval (sec) Set the time interval (in seconds) to check if something changed inside the Watch Folder

automatic load The items will be automatically loaded at YouPlay startup.

Max items to load Maximum number of items to be uploaded.

Exclusion ext. file extensions to be excluded inside the watchfolder

As run logs enabled

By checking this parameter you will enable the AS RUN LOGS (more detailed than normal log)

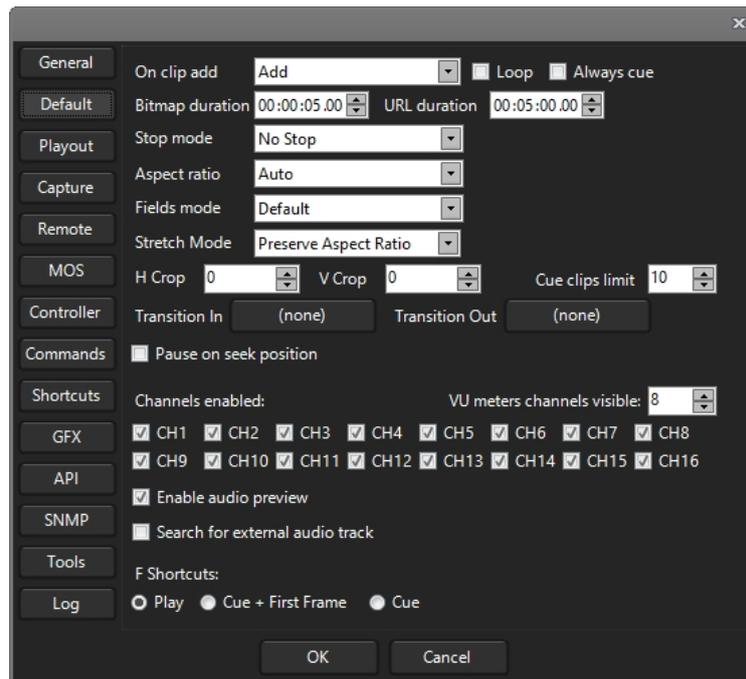
C:\Users\maurice.vaccari\Desktop

if asrunlog is enabled, type or select in this field the saving path for the asrunlog.

Disable background NDI discovery

By checking this parameter you will disable the background NDI discovery. If the NDI discover is not required, by checking this parameter the CPU will be free from useless stress.

4.2 DEFAULT



On clip add Add

This parameter rules the behaviour of the YOUPLAY when a file is added in the current playlist. Select one of the available options. Example: If PLAY is selected, when the file is added to the playlist it is immediately played.

Loop

by checking this parameter, the loop will be always active with all the clips.

Always cue

enables or disables the cue clip on add

Bitmap duration 00:00:05:00

Changes the time for the Bitmap Duration

URL duration 00:05:00.00

default duration of the url inserted in the playlist

Stop mode No Stop

Changes the way for the stop mode

Aspect ratio Auto

Changes the ratio for the Aspect ratio

Fields mode Default

Changes the position for the fields

Stretch mode **Preserve Aspect Ra** Changes the option for the stretch mode

H Crop **0** default horizontal crop value

V Crop **0** default vertical crop value

Cue clips limit **10** maximum number of clips that can be enabled simultaneously on the playlist

Transition In **(none)** input transition to be set by default on the clip when it is inserted on the playlist

Transition Out **(none)** exit transition to be set by default on the clip when it is inserted on the playlist

Pause on seek position when I'm in seek mode, the clip is paused by default

Channels enabled:
 CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8
 CH9 CH10 CH11 CH12 CH13 CH14 CH15 CH16
number of audio channels enabled by default

VU meters channels visible: **8** number of channels vu meters visible by default

Enable audio preview the audio will be enabled on the preview by default

Search for external audio track it's enabled the search for external audio track.

Loop enable on add enables or disables the loop on add

F Shortcuts:
 Play Cue + First Frame Cue assigns a special function to F key

No-sequence extensions file extensions not to be considered image sequences.

External Key If enabled sets Blackmagic output on RGB 32 with fill and key separated (if the video card can support it). E.G. for SD BM Studio 2, for HD BM 4k.

Fade audio between clips (sec) seconds of audio fade between one clip and another

10 bit Video setting that allows subtitles to be displayed on the output

Delay Last Frame sec (both mode) in "both mode", the delay seconds on the last frame

Use NVidia GPU If a NVIDIA board is connected to the current PC, this option could be selectable to free the CPU and the internal graphic engine of this Pc from the encoding stress. By checking this parameter this YouPlay channel offloads any encoding to an external NVidia device.

Preframes on markout Set how many frames before markout it will switch to next clip.

Stretch Mode Default settings for Stretch Mode (it is possible to set different Stretch mode on the single clips, see Clip Options section).

Preview frame rate sets the frame rate for the preview

Disable skip clip on play disables SKIP MODE when a clip is playing on the current channel (With the activation of this parameter it is not allowed to force the playlist)

Timecode Format sets the timing synchronization format of the timecode

Disable automatic cue disables automatic loading of the next clip

Audio mute on pause mutes the audio when the channel is paused

Watchdog file stuck at 0 Specifies the waiting time (in seconds) related to the upload retrying, when the position of a file remains on 0

Custom scheduler profile From this parameter you can customize the scheduler profile by choosing between the available options.

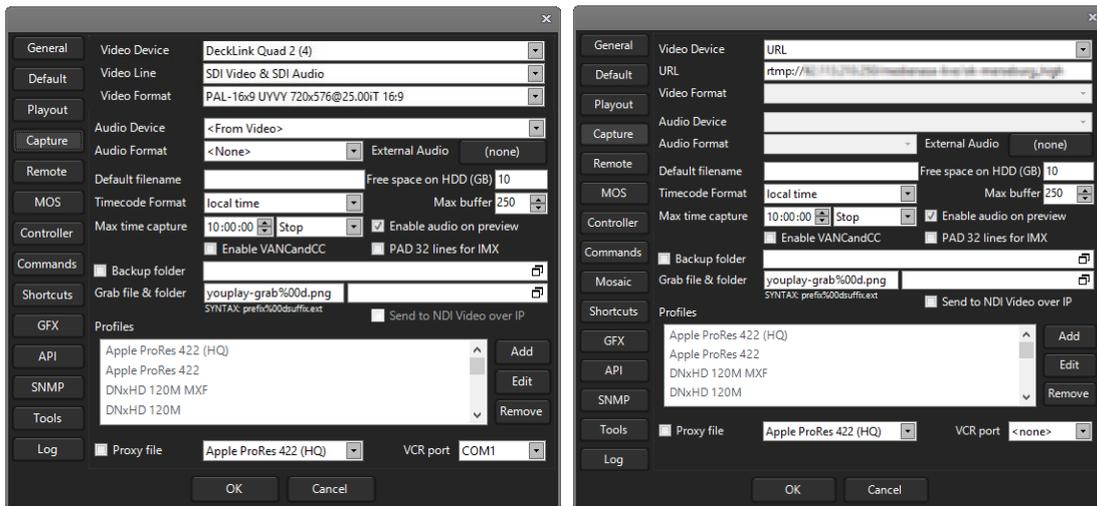
Start on capture mode at YouPlay channel start, the program will boot in CAPTURE MODE.

4.3.1 *ACG GRAPHICS FORMAT (ONLY YOUPLAY BROADCAST & YOUPLAY SERVER)

.acg is the Axel format in which graphic pages are stored.

It is possible to create, manage and edit .acg files through the useful free **CG COMPOSER** software by Axel Technology.

4.4 CAPTURE(ONLY YOUPLAY SERVER)



Video Device DeckLink Quad 2 (4) Defines the capture video device

Video Line SDI Video & SDI Audio Defines the video-line (in NDI mode it shows the list of all available streams) By choosing the URL Video Device the parameter is not present

URL rtmp://... Type the URL of the desired stream. The parameter is only present in the case of URL Video Device

Video Format PAL-16x9 UYVY 720x576@25.00iT 16:9 Defines the recording video format (SD, HD, 2K, 4K, PAL or NTSC)

Audio Device <From Video> Defines the capture audio device

Audio Format 48000 Hz, 2 Ch, 16-bit Defines the capture audio format (2..16 Ch, 16, 32, 64bit)

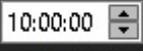
External Audio (none) By this field you can choose any desired external audio contribution to the current YouPlay Channel. Select the desired audio devices

Default filename Defines the default name of the recording

Free space on HDD (GB) 10 Further than this free hard disk space the recording will be stopped.

Timecode Format local time Defines the TimeCode format.

Max buffer 250  Defines the maximum buffer of the recording

Max time capture 10:00:00  Stop  Further than this time the Stop rule will be applied (the recording will be stopped) or the Split rule will be applied(a new segment will be created and the recording continues)

Enable audio on preview Enables the audio on the preview.

Enable VANCandCC Enables the Closed Caption on the captured video

PAD 32 lines for IMX Applies on the captured video a 32 lines PAD (a little panel of 32 pixel high on the top of the video) for the IMX formats.

Backup folder   If desired, here you can select a backup folder for your captured files

Grab file & folder youplay-grab%00d.png   Defines the filename of the snapshot in the shown syntax. In the next free field you can define the target folder of the grabbed pictures.

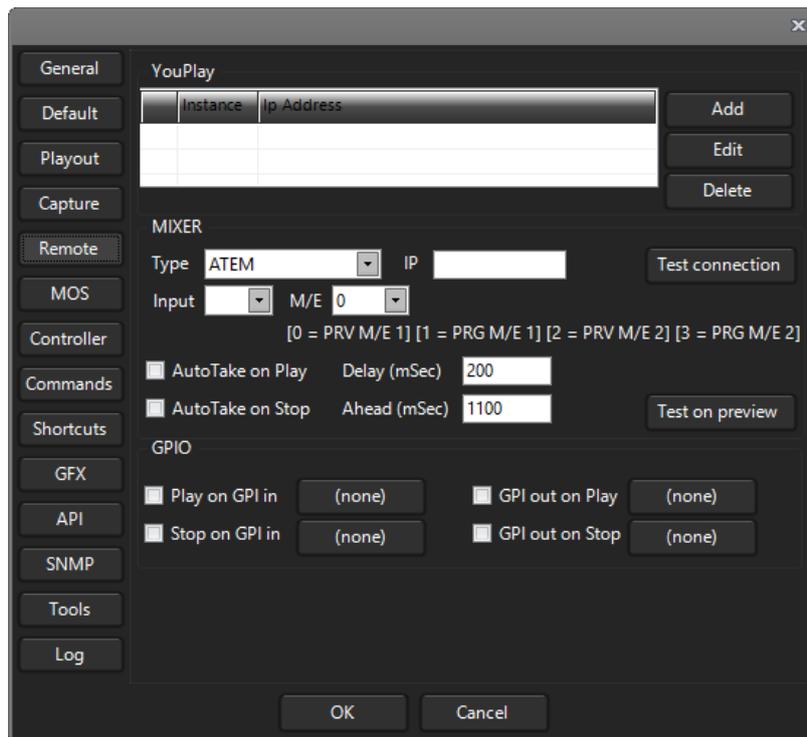
Send to NDI Video over IP Enables the NDI over IP stream of the recorded clip.

 Adds, Edits, Removes the captured profiles present on the PC. These changes are the same for all the XIngest instances.

Proxy file Apple ProRes 422 (HQ)  It enables the video proxy of the recorded clip with the selected profile. If the same capture profile is used, the “_proxy” suffix will be applied.

VCR port COM1  Defines the RS422 COM port of the available external VCR. If <none> is selected no VCR will be initialized in the home page.

4.5 REMOTE(ONLY YOUPLAY BROADCAST & YOUPLAY SERVER)



The Remote Settings panel manages the settings of the ATEM (Blackmagic Mixer).
 NB: The ATEM Software Control must be previously installed on the YouPlay pc.



To add, edit or delete different instances for different mixers.

IP

ATEM IP address

Input

Input where YouPlay is connected

ME

Selection to set mixer ME

AutoTake on Play Delay (mSec)

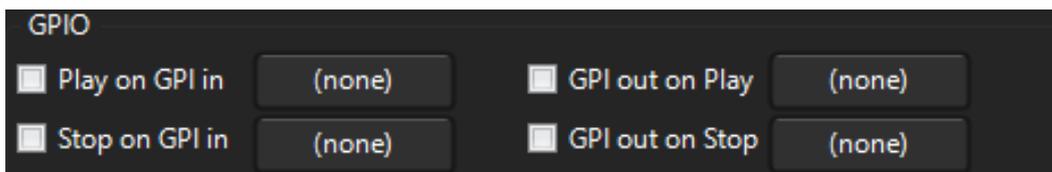
If enabled, play and stop on the playout will give the command to

AutoTake on Stop Ahead (mSec)

the ATEM cursor with the delay set.

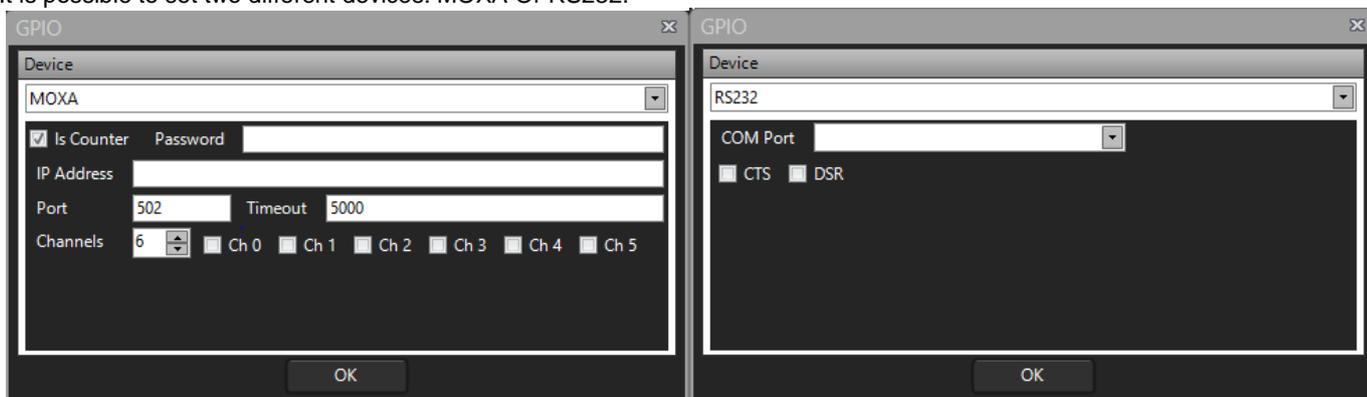
Test the connection with ATEM

Test the switch command on ATEM preview channel

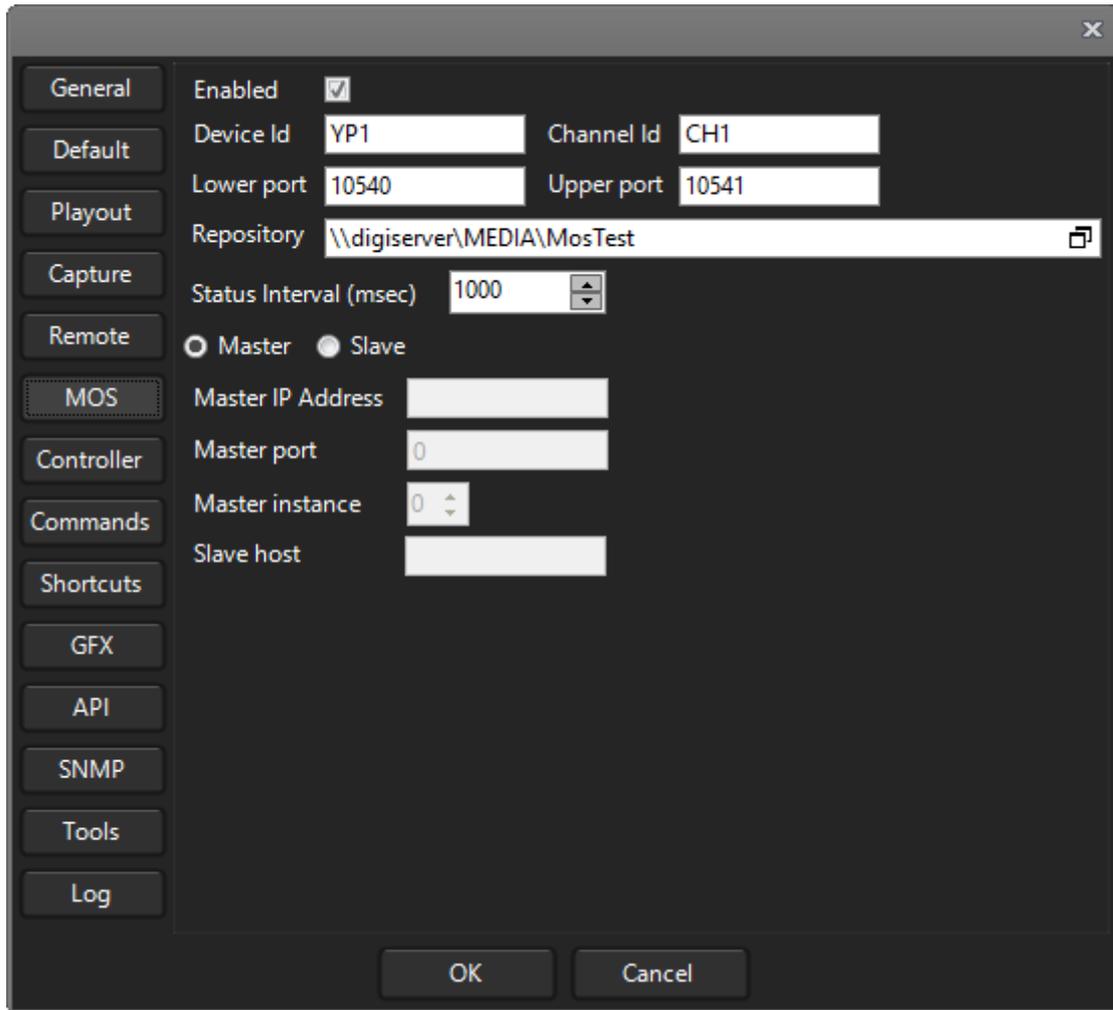


GPO commands from playout to external device (e.g. relay contact) and from external device to playout (e.g. tally from mixer)

It is possible to set two different devices: MOXA Or RS232.



4.6 MOS



When you set up a **MOS** device in the **NCS**, the simplest **MOS** configuration is without channels. In this case a **MOS** device is identified with only his **IP** address and ports.
 If you set up **MOS** channels for a **MOS** device the configuration will be one **MASTER** youplay instance and one or more **SLAVE** instances. Every instance will have its **Channel Id** (different from all other instances), so you can assign a **MOS** item to a specific channel/youplay instance.

The **MASTER** instance must be always running to maintain the communication between **MOS** and **NCS**.
 For a **MASTER/SLAVE** configuration to work properly all instances must have the same Device ID and the same Repository path.

Enabled : This check enables/disables the **MOS** configuration for the current YouPlay instance.

DeviceID: Identifies the youplay machine

Channel ID: the channel name defined in the NCS (leave blank if you don't use channels). Usually YouPlay1 is CH1, YouPlay2 is CH2, YouPlay3 is CH3, YouPlay4 is CH4.

Lower/Upper ports: tcp ports used for network communication

Repository: Path containing the media associated with the MOS Device. The repository is automatically scanned for new media.

Status interval: time interval between repository scans.

Master/Slave: set one mode according to the desired configuration

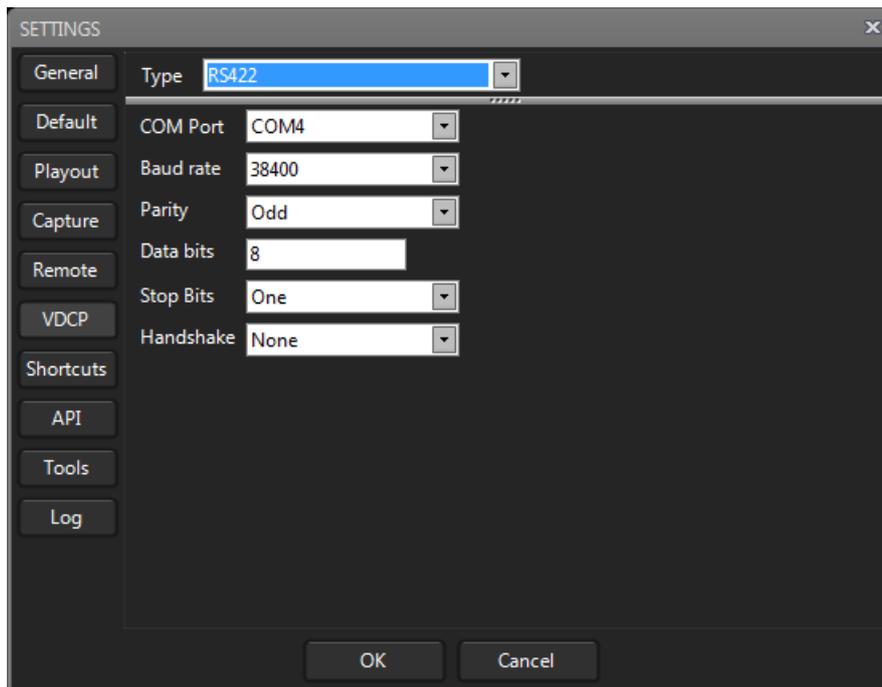
Master IP address: ip address of the master instance

Master port: default is 8090

Master instance: number of the master youplay instance

Slave host: the IP address of the machine running youplay (you can use 127.0.0.1 for SLAVE instances)

4.7 CONTROLLER (ONLY YOUPLAY BROADCAST & YOUPLAY SERVER)



The **CONTROLLER** panel is to control youplay by an external controller. In the picture an example of TYPE selection with all the related changeable settings.

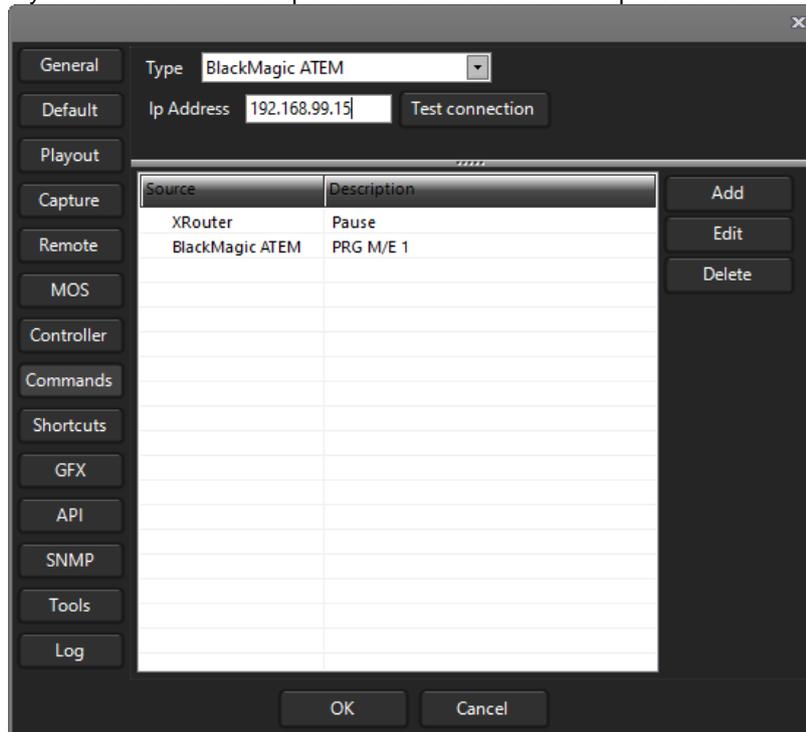
The available connection types are:

Hyperdeck emulator
VDCP RS422
JLCooper TCP/IP
RS422
VDCP TCP/IP

Each type has its own configurable settings.

4.8 COMMANDS

In YouPlay it is also possible to control external devices by the use of some special commands via TCP/IP. In COMMANDS section you can add or edit multiple commands to send to multiple external devices.



The controllable external devices are listed below:

- Tricaster**
- XRouter** (Axel Technology software of the XTV Suite)
- BlackMagic VideoHub**
- BlackMagic ATEM**

Type Select a desired target between previous devices

Ip Address Type the target device IP Address.

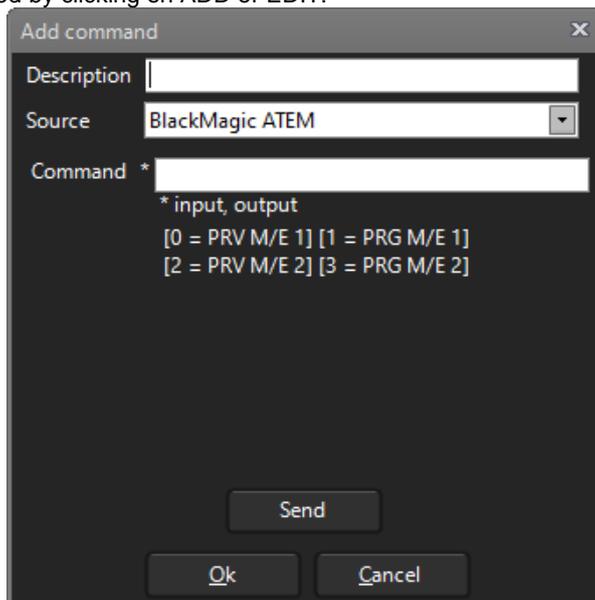
Test connection : By clicking on this button the connection with the selected device will be tested

Add Add a desired command to send to the target device

Edit By clicking this button you can change the selected command or command name description

Delete Select the command and press DELETE to remove it from the list.

The next submenu will be opened by clicking on ADD or EDIT:



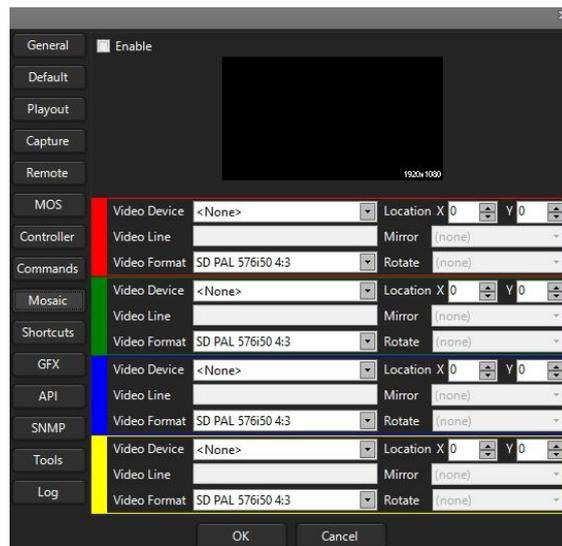
Description Type here a free customizable label to recognize the command in a fast way

Source Select one of the available target devices.

Command * Type here the command to send to the selected device. Available commands will be listed below. Here an example of available commands to send to the BlackMagic ATEM:

```
* input, output  
[0 = PRV M/E 1] [1 = PRG M/E 1]  
[2 = PRV M/E 2] [3 = PRG M/E 2]
```

4.9 MOSAIC



Mosaic is a feature that allows you to distribute the incoming video stream into n-video outputs, where n is a number ranging from 1 to 4.

In example, if you have a 4K video input you can split it into 4 HD video outputs.

It is also possible to build a mosaic with some video in portrait, someother in 16:9 and other desired formats.

By this interesting function you can split the incoming video, allowing you to let it out however you like.

This Mosaic function could be extremely useful in the case of a VideoWall (network VideoWall, transparent VideoWall, multiple simultaneous sources VideoWall, VideoWall rear projection cubes or Direct View LCD/Plasma screens).

We suggest you to reserve a specific YouPlay instance for the MOSAIC function.

If an output video device/line is already used by the same YouPlay instance or by others, the last result will be the overlaying of this last video layer on previous ones.

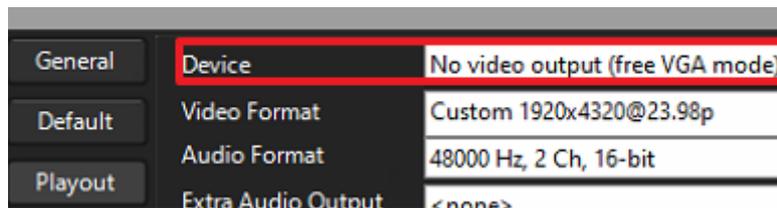
-DISABLING THE TRADITIONAL PAYOUT OUTPUT-

The next picture will explain you the operations to be done on the traditional Output **Device** of your **YouPlay** instance.

Open the desired YouPlay instance and go in the following tab: **Youplay > Settings > General**.

Probably you have a VideoWall if you need the mosaic option,

so the traditional Payout Output has to be disabled by setting **Device = No video output (free VGA mode)**:



-VIDEOWALL SETTINGS & VIDEOWALL SECTION SETTINGS -

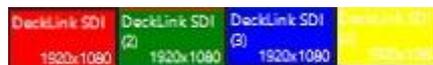
Usually, VideoWalls video formats are not standard.

If our unit of measurement was a 1920x1080 monitor, in our mosaic case (designed with 4 different and customizable outputs: **red, green, blue, yellow**) you can use the following 3 VideoWalls video formats:

- 1920x4320 (16:36) (1x4)



- 7680x1080 (64:9) (4x1)



- 7680x4320 (64:36) (4x4)



By clicking on **Youplay > Settings > Playout > Video Format = CUSTOM** you will be able to set the desired customizable **Video Format** for the whole VideoWall (you can set one of the 3 previous formats 1920x4320 7680x1080 7680x4320).

The 3 results obtainable in the case of a **DECKLINK QUAD** in relation with the 4 available mosaic outputs will be 1x4, 4x1, 4x4:

1. 1x4 VIDEO WALL

Youplay > Settings > Playout > Video Format = Custom = 1920 x 4320 (16:36)

Youplay > Settings > Mosaic (1x4)

2. 4x1 VIDEO WALL

Youplay > Settings > Playout > Video Format = Custom = 7680 x 1080 (64:9)

General: Device: No video output (free VGA mode)
 Default: Video Format: Custom 7680x1080@23.98p
 Audio Format: 48000 Hz, 2 Ch, 16-bit
 Playout: Extra Audio Output: <none>
 Capture: Background: transparent
 Remote: Custom video format dialog: Width: 7680, Height: 1080, Frame: 23.98, Display mode: PROGRESSIVE, Aspect X: 64, Aspect Y: 9, FCC Type: Default
 MOS: MOS
 Controller: Controller
 Commands: Commands
 Mosaic: Mosaic
 Shortcuts: Shortcuts
 GFX: GFX
 API: API
 SNMP: SNMP
 Tools: Tools
 Log: Log

Youplay > Settings > Mosaic (4x1)

General: Enable
 Default: DeckLink SDI (1) DeckLink SDI (4)
 Playout: Playout
 Capture: Capture
 Remote: 1080 1920x1080 1920x1080
 MOS: Video Device: DeckLink SDI, Location X: 0, Y: 0
 Controller: Video Line: Video Format: HD PAL 1080p25 16:9, Rotate: (none)
 Commands: Video Device: DeckLink SDI (2), Location X: 1920, Y: 0
 Mosaic: Video Line: Video Format: HD PAL 1080i50 16:9, Rotate: (none)
 Shortcuts: Video Device: DeckLink SDI (3), Location X: 8840, Y: 0
 GFX: Video Line: Video Format: HD PAL 1080i50 16:9, Rotate: (none)
 API: Video Device: DeckLink SDI (4), Location X: 5760, Y: 0
 SNMP: Video Line: Video Format: HD PAL 1080i50 16:9, Rotate: (none)
 Tools: Video Device: DeckLink SDI (4), Location X: 5760, Y: 0
 Log: Video Line: Video Format: HD PAL 1080i50 16:9, Rotate: (none)

3. 4X4 VIDEO WALL

Youplay > Settings > Playout > Video Format = Custom = 7680 x 4320 (64:36)

General: Device: No video output (free VGA mode)
 Default: Video Format: Custom 7680x4320@23.98p
 Audio Format: 48000 Hz, 2 Ch, 16-bit
 Playout: Extra Audio Output: <none>
 Capture: Background: transparent
 Remote: Custom video format dialog: Width: 7680, Height: 4320, Frame: 23.98, Display mode: PROGRESSIVE, Aspect X: 64, Aspect Y: 36, FCC Type: Default
 MOS: MOS
 Controller: Controller
 Commands: Commands
 Mosaic: Mosaic
 Shortcuts: Shortcuts
 GFX: GFX
 API: API
 SNMP: SNMP
 Tools: Tools
 Log: Log

Youplay > Settings > Mosaic (4x4)

General: Enable
 Default: DeckLink SDI (1) DeckLink SDI (4)
 Playout: Playout
 Capture: Capture
 Remote: 3840x2160 3840x2160 3840x2160 3840x2160
 MOS: Video Device: DeckLink SDI, Location X: 0, Y: 0
 Controller: Video Line: Video Format: 4K 3840x2160i50, Rotate: (none)
 Commands: Video Device: DeckLink SDI (2), Location X: 0, Y: 2160
 Mosaic: Video Line: Video Format: 4K 3840x2160i50, Rotate: (none)
 Shortcuts: Video Device: DeckLink SDI (3), Location X: 3840, Y: 0
 GFX: Video Line: Video Format: 4K 3840x2160i50, Rotate: (none)
 API: Video Device: DeckLink SDI (4), Location X: 3840, Y: 2160
 SNMP: Video Line: Video Format: 4K 3840x2160i50, Rotate: (none)
 Tools: Video Device: DeckLink SDI (4), Location X: 3840, Y: 2160
 Log: Video Line: Video Format: 4K 3840x2160i50, Rotate: (none)

-SINGLE OUTPUT PARAMETERS-

Video Device: for the current output, select here the desired video device between the availables

Video Line: if the output device has available multiple lines you can select here the desired one

Video Format: in this parameter you can customize the single output Video Format

Location X: on a Cartesian plane structured reference scheme, it will be possible to decide here the starting abscissa of the upper left corner of the current video output.

This parameter becomes useful for the relative arrangement of the single output with respect to the others

Location Y: on a Cartesian plane structured reference scheme, you can decide here the y starting ordinate of the upper left corner of the current video output.

This parameter becomes useful for the relative arrangement of the single output with respect to the others.

Mirror: through this menu you can apply only on this Output Video Device a video mirroring, to invert left with right

Rotate: through this menu you can apply the desired rotation specifically on this Output Video Device

ATTENTION:

1. The setting of your VideoWall is the result of all of the 3 following factors:

- Total Output Video Format
- Output Format of the Single VideoWall display
- correct mutual spatial arrangement of the single displays in relation to the others.

If these three factors are not set correctly the overall result will not be consistent with the desired result.

2. If your final purpose is not connected with a single playout related with the VideoWall, you can also use MOSAIC of the different YouPlay instances in a totally creative and original way as you wish.

4.10 SHORTCUTS

In this **SHORTCUTS** section the complete List of all the available shortcuts useful for the YouPlay users:

General	Shortcut	Custom	GPIO	Description
Default	F1		(none)	Prepare and play 1° clip
	F2		(none)	Prepare and play 2° clip
Playout	F3		(none)	Prepare and play 3° clip
Capture	F4		(none)	Prepare and play 4° clip
Remote	F5		(none)	Prepare and play 5° clip
MOS	F6		(none)	Prepare and play 6° clip
Controller	F7		(none)	Prepare and play 7° clip
	F8		(none)	Prepare and play 8° clip
Commands	F9		(none)	Prepare and play 9° clip
	F10		(none)	Prepare and play 10° clip
Shortcuts	F11		(none)	Prepare and play 11° clip
	F12		(none)	Prepare and play 12° clip
GFX	F13		(none)	Prepare and play 13° clip
API	F14		(none)	Prepare and play 14° clip
SNMP	F15		(none)	Prepare and play 15° clip
	F16		(none)	Prepare and play 16° clip
Tools	F17		(none)	Prepare and play 17° clip
Log	F18		(none)	Prepare and play 18° clip

4.11 GFX

This function works only if you have Axel Technology XTRIMMER software
Through a CLIP TRIMMING on XTRIMMER it will be possible to allow a single video clip to associate different graphics on different playlists.

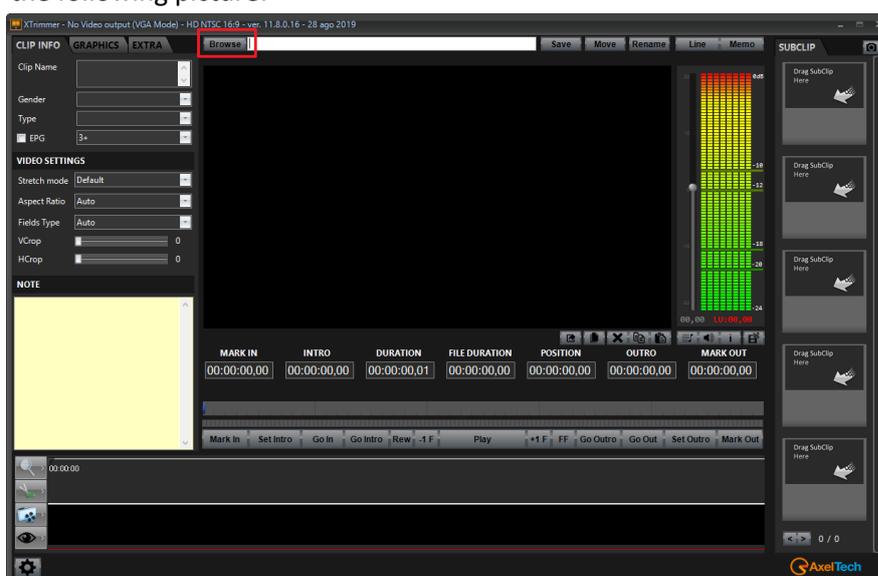
For a single file, it will be possible to associate a specific graphic:
in example one for YOUPLAY1 instance and a totally different graphic for the YOUPLAY2 instance.

As you can see from the following pictures, we have in playing the same videofile.
The same videofile has a specific graphic on YOUPLAY1 and a different one for YOUPLAY2:

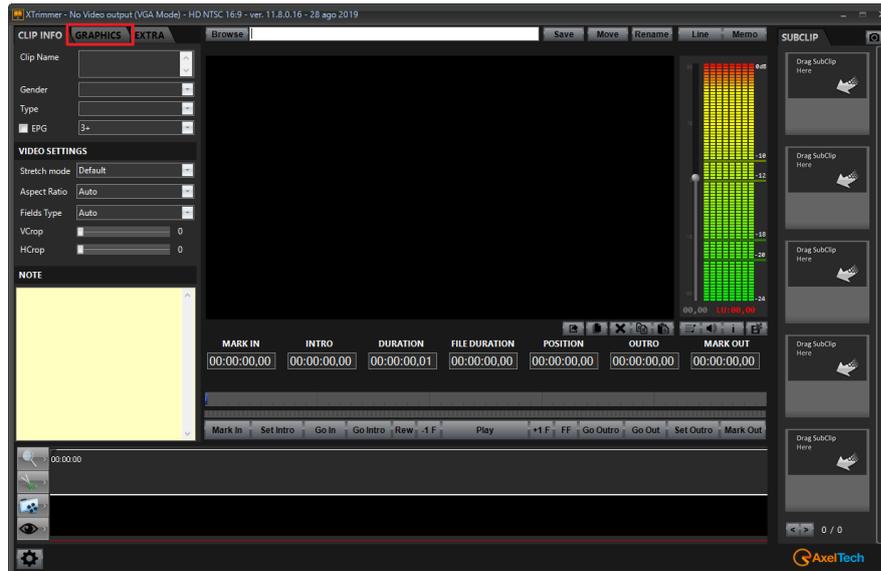


To do this proceed in the following way:

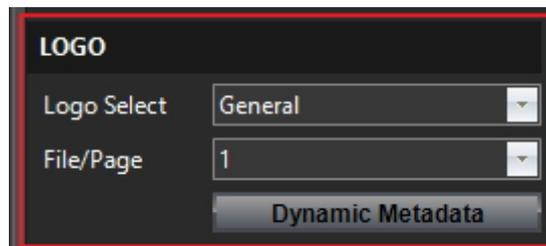
1. Firstly, If you have XTRIMMER (of Axel Technology XTV SUITE), open the desired clip on which you want to apply GFX function. Click on the BROWSE button to select the clip from your folders as described by the following picture:



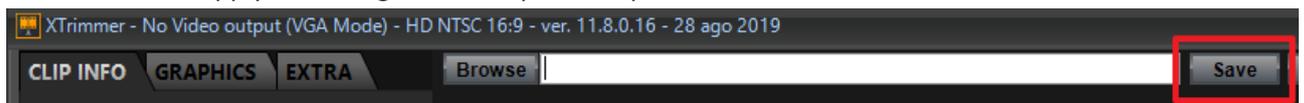
- After the selection of the desired clip open the GRAPHICS section:



- Inside LOGO section set the Logo Select parameter on **General. HD**
 - In the **File/Page** parameter select a desired page number. The number selected here will be the key to use your YOUPLAY GFX function. In this example we are working with the File/Page parameter set on 1.



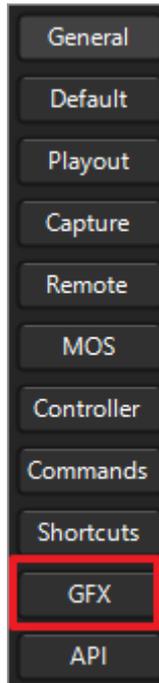
- Click on Save to apply the changes done in previous point 3:



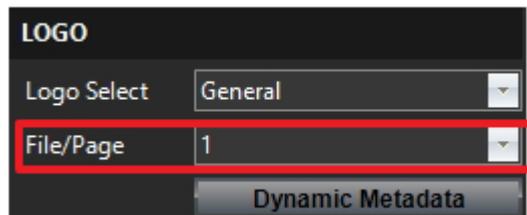
- Open your YOUPLAY desired instances (in our example we have opened YOUPLAY1 and YOUPLAY2 but the GFX function could work on all YOUPLAY instances available).
- On all YOUPLAY instances click on SETTINGS.



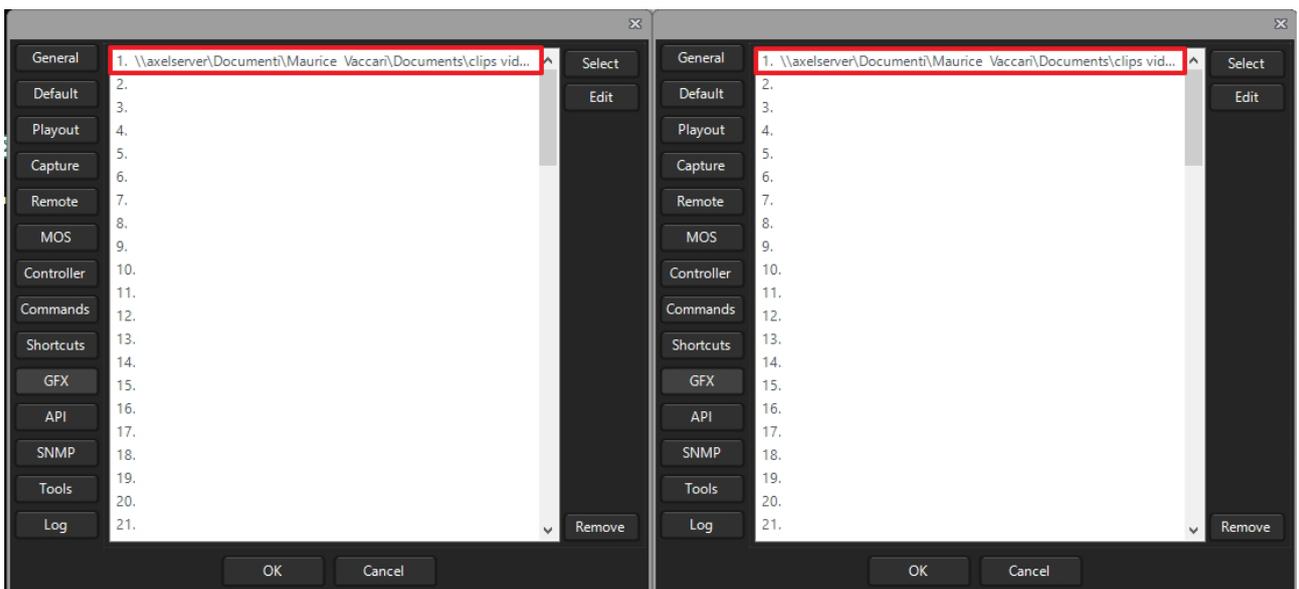
7. On all YOUPLAY instances enter inside GFX settings section.



8. On all YOUPLAY instances, inside GFX settings section, edit the line number with the same number previously set in the File/Page (on XTRIMMER side). As shown by the following picture, our line number will be 1.



In our YOUPLAY1 and YOUPLAY2 > Settings > GFX > line1, by clicking on both edit buttons we set two different graphics file in .acg format.



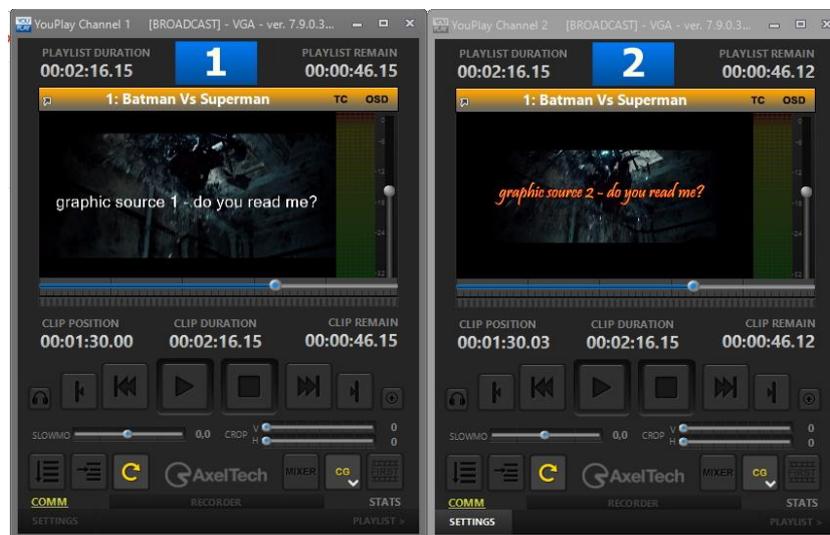
Our YOUPLAY1 graphic file has the path of a graphic file. The file has the following static text centered:



Our YOUPLAY2 graphic file has the path of another graphic file. The file has the following static text centered:

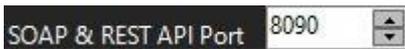
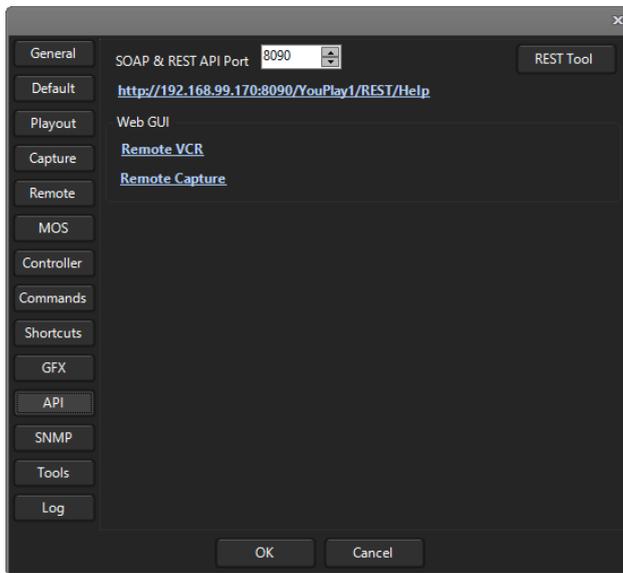


After the complete of all the GFX settings the result will be the following, as already described at the beginning of GFX section:



4.12 API(ONLY YOUPLAY BROADCAST & YOUPLAY SERVER)

Only for YouPlay Broadcast and YouPlay Server releases you can have this API function. It allows you to control the Playout remotely by the use of SOAP protocol or by Rest API Commands:



TCP port used to expose webservice

SOAP COMMANDS

3. SOAP messages has to be encoded in XML language without the DTD (Document Type Definition) line.
4. SOAP messages has to be encoded by using the SOAP Envelope namespace.
5. The XML SOAP elements needed are: Envelope, Header, Body and Fault.

REST API COMMANDS

Inside YouPlay you can find a rich list of REST API commands, by clicking on <http://192.168.99.170:8090/YouPlay1/REST/Help> link. You will be redirected on a webpage with the complete list of all the available REST API commands.



All the commands have to follow the syntax below and could be executed from any desired browser:

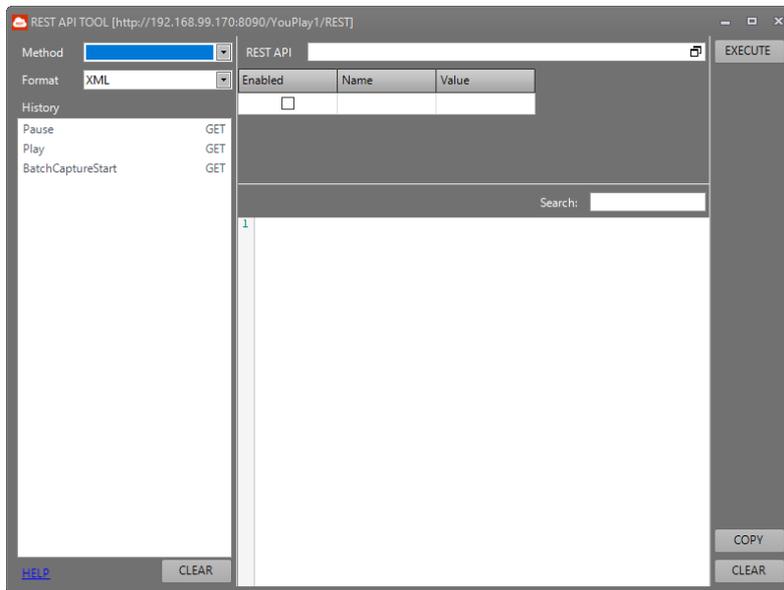
`http://{YOUPLAY-PC-IP}:8090/YOUPLAY{INSTANCE NUMBER(1, 2, 3..)}/REST/{Rest API Command}:{any additional-parameters-required}`

Here a working command example, executed on a browser inside our network:

<http://192.168.99.170:8090/YouPlay1/REST/Pause>

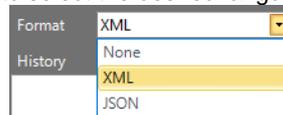
/Logo	GET	Servizio in http://192.168.99.170:8090/YouPlay1/REST/Logo?value={IVALUE}
/Mixer	GET	Servizio in http://192.168.99.170:8090/YouPlay1/REST/Mixer?value={IVALUE}
/Pause	GET	Servizio in http://192.168.99.170:8090/YouPlay1/REST/Pause
/Play	GET	Servizio in http://192.168.99.170:8090/YouPlay1/REST/Play
/PlayMode	GET	Servizio in http://192.168.99.170:8090/YouPlay1/REST/PlayMode?mode={IVALUE}

By clicking on REST Tool you can access to a REST API tool:

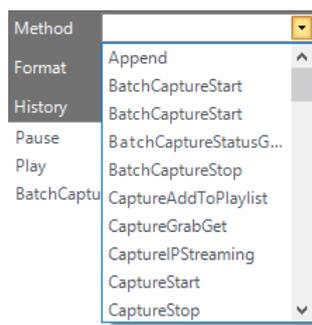


From this useful tool will be possible to train yourself on the remote REST API commands.

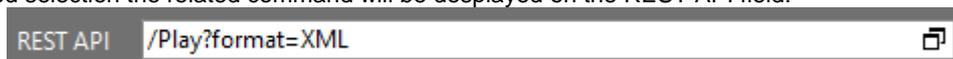
From FORMAT drop down menu it is possible to select the desired language format of the desired REST API command:



From METHOD drop down menu it is possible to select the desired REST API command to send to your YOUPLAY channel:



After the Method selection the related command will be displayed on the REST API field:



Click  to send the REST API command.

From History section you can read all the previous REST API commands sent to your YOUPLAY channel:

History	
Pause	GET
Play	GET
BatchCaptureStart	GET

From the following section you can read which is the YOUPLAY answer to the REST API command (GET request) you sent to YOUPLAY and what is the reference XML Schema:

```
1 <boolean xmlns="http://schemas.microsoft.com/2003/10/Serialization/">true</boolean>
```

By clicking on [HELP](#) link you will be at the REST HELP link.

By clicking on [CLEAR](#) button you will delete all the previous commands in **History** section.

From the following links you can access to 2 web pages to control the capture or eventually VCR device connected to the related pc through serial connection:



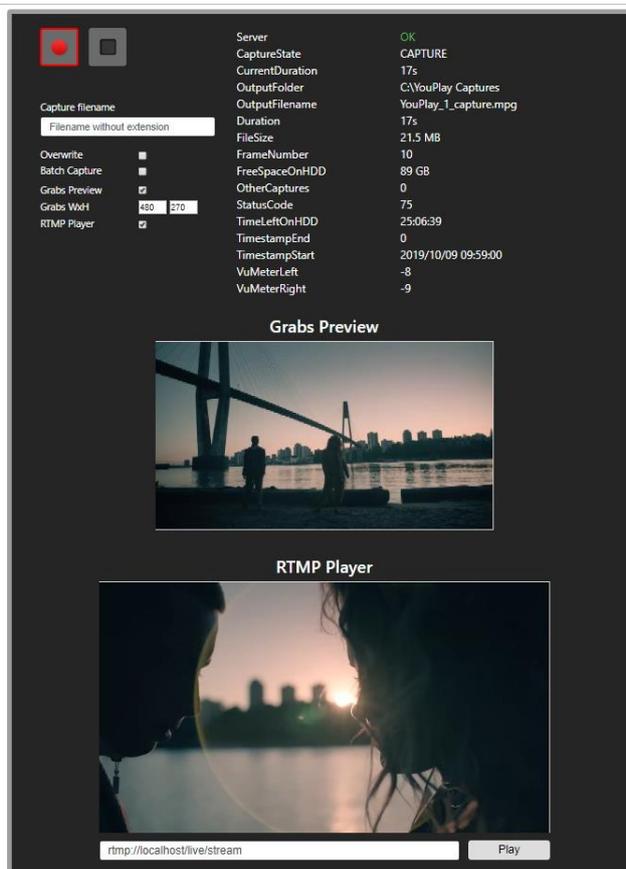
4.12.1 REMOTE CAPTURE

From the **Remote Capture** link you will be able to remotely monitor the YOUPLAY capture on a webpage. To enter inside the webpage you can also type on a browser the following URL:

[HTTP://IPADDRESS:8090/YOUPLAY1/REST/REMOTEVCR](http://IPADDRESS:8090/YOUPLAY1/REST/REMOTEVCR)

(for other youplay instances only change YOUPLAY1 in YOUPLAY2 or other available channels)

192.168.99.170:8090/YouPlay1/REST/RemoteCapture?



From this page it will be possible to monitor and control remotely your related YOUPLAY instance in RECORDING mode.

Buttons and checks available here are exactly the same executed by REST API commands, previously explained for the webpage:

[HTTP://IPADDRESS:8090/YOUPLAY1/REST/Help](http://IPADDRESS:8090/YOUPLAY1/REST/Help)

(for other youplay instances only change YOUPLAY1 in YOUPLAY2 or other available channels)

At your top-right you can read all the stats of the current recording:

Server	OK
CaptureState	STOP
CurrentDuration	55s
OutputFolder	C:\YouPlay Captures
OutputFilename	YouPlay_1_capture.mpg
Duration	55s
FileSize	19.38 MB
FrameNumber	20
FreeSpaceOnHDD	89 GB
OtherCaptures	0
StatusCode	75
TimeLeftOnHDD	71:45:04
TimestampEnd	2019/10/09 10:27:37
TimestampStart	2019/10/09 10:26:42
VuMeterLeft	-18
VuMeterRight	-22



this REC button state means that remote YOUPLAY RECORDER is not recording



this REC button state means that remote YOUPLAY RECORDER is recording

Capture filename
Filename without extension

type here the desired name of the recording. It will be active from the next recording.

Overwrite

enables/disables existing file overwriting

Batch Capture

activates/deactivates the batch capture from VCR connected to this YOUPLAY instance.

4.12.1.1 GRABS PREVIEW

Grabs Preview

enables/disables the grabs preview displayed on the bottom of this web page. By activating GRABS PREVIEW only some recording grabs will be displayed.

Grabs WxH

type here the desired pixel grabs sizes

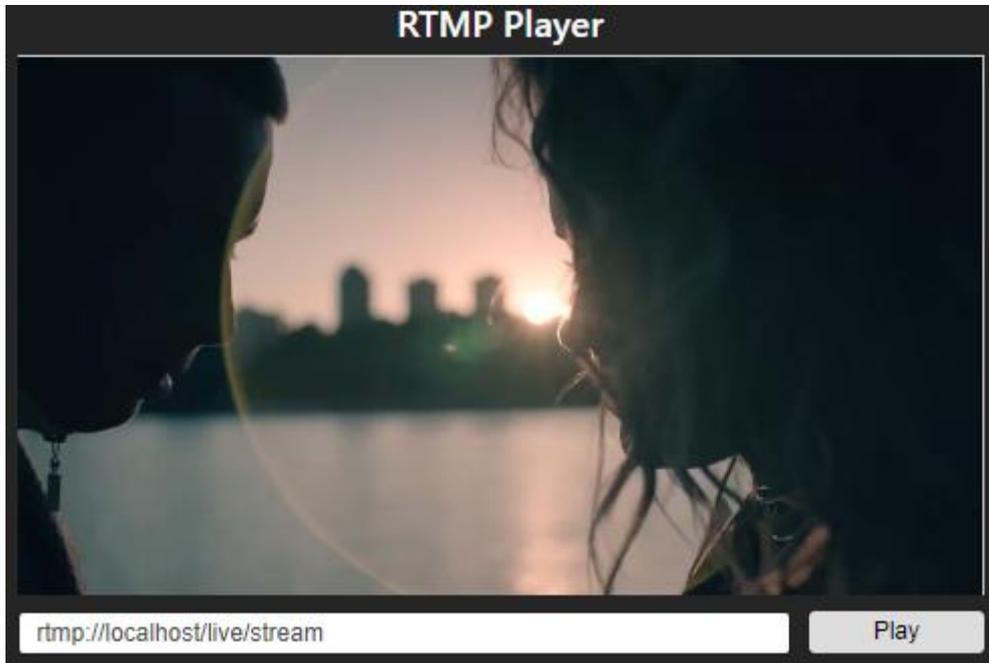
In the following picture you can see the Grabs Preview in a working state:



4.12.1.2 RTMP PLAYER

RTMP Player enables/disables the rtmp preview on the recording of this YOUPLAY instance.

An exact video stream of your YOUPLAY RECORDER will be remotely displayed here, differently from the previous GRABS PREVIEW - SECTION (which only consists of periodic snapshots):

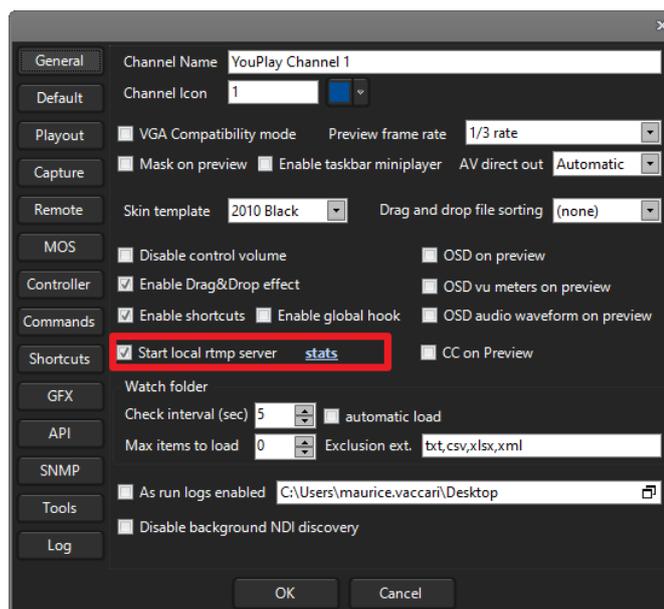


Some settings are requested to make this feature works properly:

1. As described by the following image, go inside the section

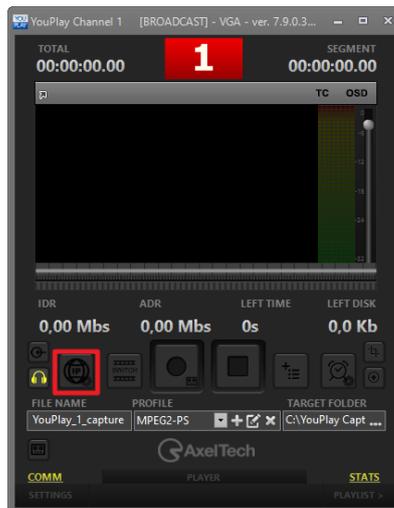
YOUPLAY(instance number) > SETTINGS > GENERAL

and activate a LOCAL RTMP SERVER by checking **START LOCAL RTMP SERVER** parameter:

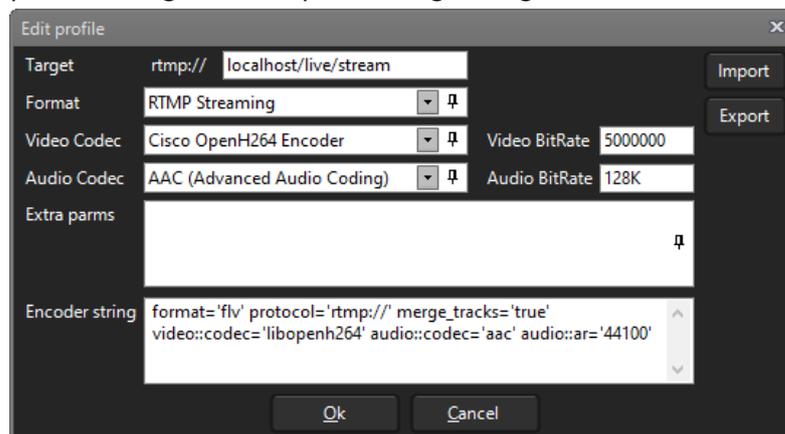


YouPlay will create a RTMP architecture to achieve the ip streaming purpose.

- In the YOUPLAY RECORDER home page click the setting wheel from the bottom-right corner of the IP STREAMING button as described by following pictures:



- A window will appear to configure all rtmp streaming settings:



- Select **Format** **RTMP Streaming** to start RTMP settings

- Target** **rtmp:// localhost/live/stream** in Target field type the desired rtmp url following the syntax:

`RTMP://"/IPADDRESS"/live"/customized_stream_name"`

instead of "IPADDRESS" type LOCALHOST if you want the RTMP server to be hosted on this YOUPLAY instance.

Instead of "customized_stream_name" type the desired name to be assigned to the RTMP stream.



IMPORTANT: Both Axel **Youplay** (TV Production Playout) and **XTV Suite** (TV Automation) can be used to host in their own PCs the RTMP server architecture. Both of them to use this feature use an executable **NGINX** process.

In this way, the **RTMP SERVER** can be hosted by any reachable IP address where the **NGINX** process is started.

To start **NGINX** server in the desired target PC, please be sure to have followed in that PC the previous step n 1.

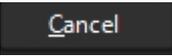
Now it is possible to type the related IPADDRESS of that target PC in **Target – RTMP URL** parameter:

`RTMP://“IPADDRESS”/live/“customized_stream_name”`

6. Sets all the desired format settings from the following parameters. Is it possible to choose between many video and audio encoding combinations. Best quality will be reached with the parameters displayed by the following picture:

Video Codec	Cisco OpenH264 Encoder	Video BitRate	5000000
Audio Codec	AAC (Advanced Audio Coding)	Audio BitRate	128K
Extra parms			
Encoder string	format='flv' protocol='rtmp://' merge_tracks='true' video::codec='libopenh264' audio::codec='aac' audio::ar='44100'		

7. Click  to confirm settings changes

Or click on  to discard all the changes

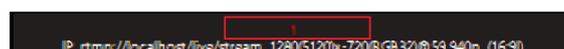
8. In the home page of YOUPLAY RECORDER click the IP STREAMING button  to start the RTMP streaming.

If the RTMP streaming has been correctly started the button will turn to yellow .

If some problem is detected in the RTMP streaming the button will turn .

To solve the detected issues try to change the parameters properly.

Inside Axel Technology **MXC – Multi Cross Converter** (multichannel video cross converter) is possible to receive an rtmp stream inside the desired channel. If an rtmp error is detected you will see the channel number (the red squared one) turning red as described by the following picture:



4.12.2 REMOTE VCR

The YOUPLAY environment allows you to control a VCR connected to the Youplay PC via RS422 Comm port. It's possible to control the VCR and all the operations to be performed on the contained videotape:

6. remotely from a browser webpage
7. directly from the YOUPLAY GUI

4.12.2.1 CONTROLLING THE VCR REMOTELY BY WEB PAGE

It's possible to reach the REMOTE VCR web page by clicking on the following link in Youplay > Settings > API:

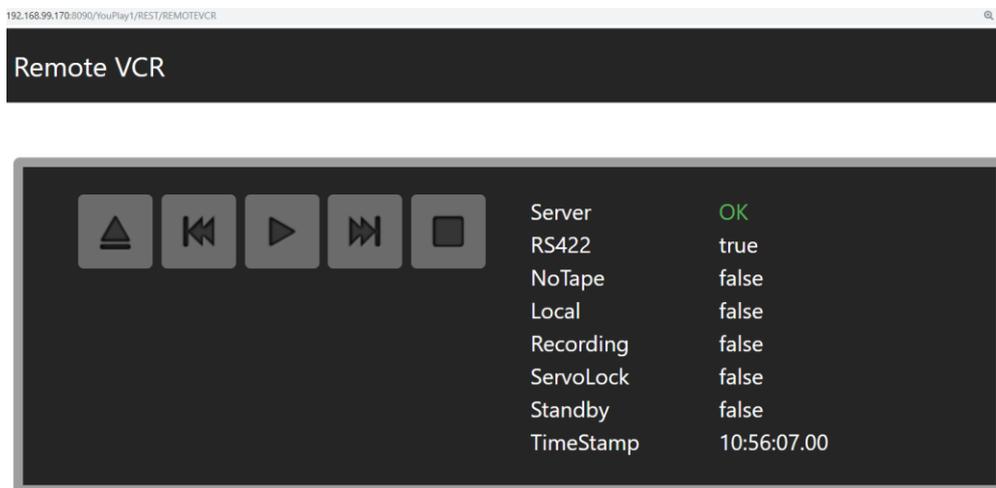
[Remote VCR](#)

It's also possible to reach the REMOTE VCR web page by typing the following syntax on the URL field of your browser:

[HTTP://IPADDRESS:8090/YOUPLAY1/REST/REMOTEVCR](http://IPADDRESS:8090/YOUPLAY1/REST/REMOTEVCR)

instead of "IPADDRESS" type the IP ADDRESS of the YOUPLAY instance PC.

For other youplay instances only change YOUPLAY1 in YOUPLAY2 or other available channels.



		Ejects the tape of the VCR connected to the remote Youplay PC
		Rewinds the tape of the VCR connected to the remote Youplay PC
		Starts the playback of the VCR connected to the remote Youplay PC
		Fast Forwards the tape of the VCR connected to the remote Youplay PC
		Stops the playback of the VCR connected to the remote Youplay PC
	Server OK	Displays if the server of this remote webpage correctly communicates with the related YouPlay
	RS422 true	Displays if the RS422 external VCR is correctly connected to the PC Comm port
	NoTape false	Displays if the tape is missing
	Local false	Displays if the controlling of VCR is local or remote
	Recording false	Displays if the connected VCR is in recording mode
	ServoLock false	Displays if the playback of the connected VCR is blocked
	Standby false	Displays if the connected VCR is in standby mode. To disable the STANDBY mode press the POWER button on VCR own panel
	TimeStamp 10:56:07.00	Displays the connected VCR

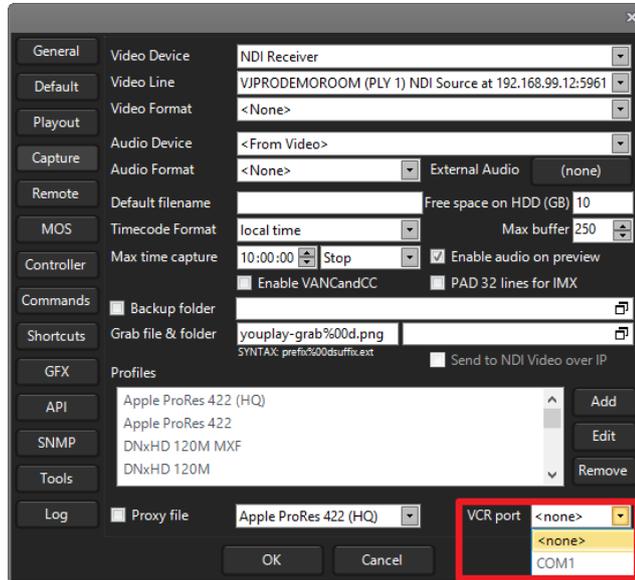
4.12.2.2 CONTROLLING THE VCR FROM THE YOUPLAY GUI

Without the webpage intermediation it is possible to control the connected VCR device directly from the local YOUPLAY GUI.

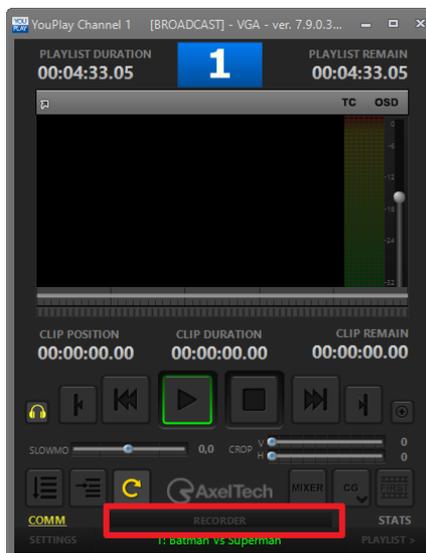
To open the VCR panel, please execute the following operations:

1. Select the COM port to which the external VCR is connected in

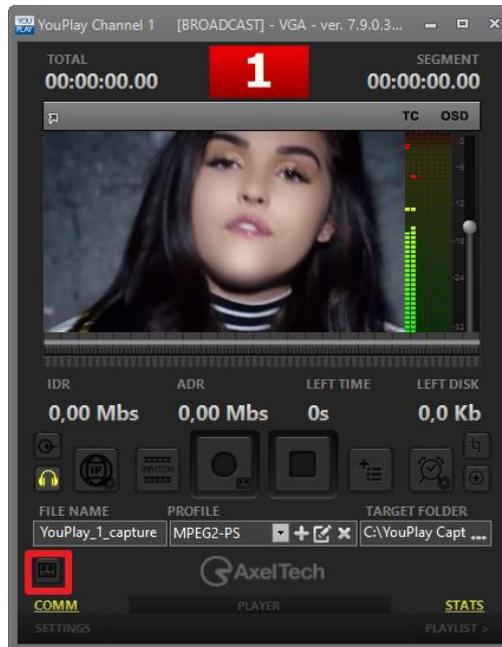
YouPlay > Settings > Capture > VCR port



2. After the COM port selection, click on
3. YouPlay will automatically reboot
4. From the main page of YOUPLAY GUI click on RECORDER button, as explained from the following picture:



5. Click on the  button, as explained from the following picture:



After this 5 points procedure the following VCR Control Panel will be opened:



-  Ejects the tape of the connected VCR
-  Rewinds the tape of the connected VCR
-  Playbacks the tape of the connected VCR
-  Fast forwards the tape of the connected VCR
-  Stops the playback or the recording of the connected VCR



Starts the recording of the connected VCR

Jog/Shuttle to control the Rewind/Fast Forward executed on the connected VCR tape.



The bottom-right button  switches between Shuttle mode or Jog mode:



Jog: By rotating the control you will skip to the next frame

Shuttle: By rotating the control you will adjust the playback speed.



RS422: the RS422 external VCR is correctly connected to the PC Comm port.

Local: Displays if the controlling of VCR is local or remote

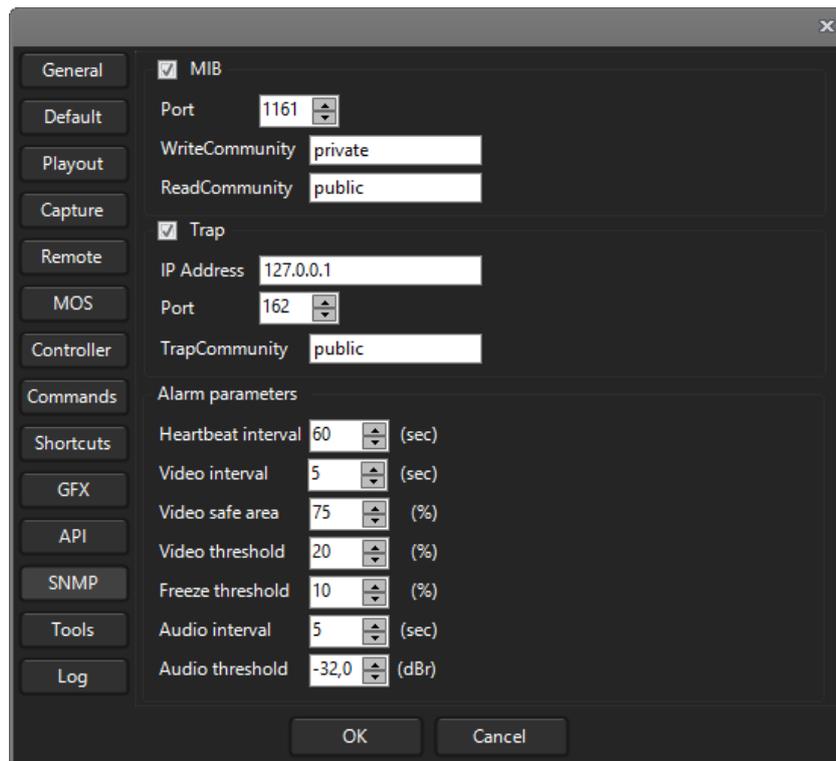
Servolock: Displays if the playback of the connected VCR is blocked

No Tape: the tape is missing

Recording: The connected VCR is in recording mode

Standby: The connected VCR is correctly connected, but it is in STANDBY mode. To disable the STANDBY mode press the POWER button on its own panel.

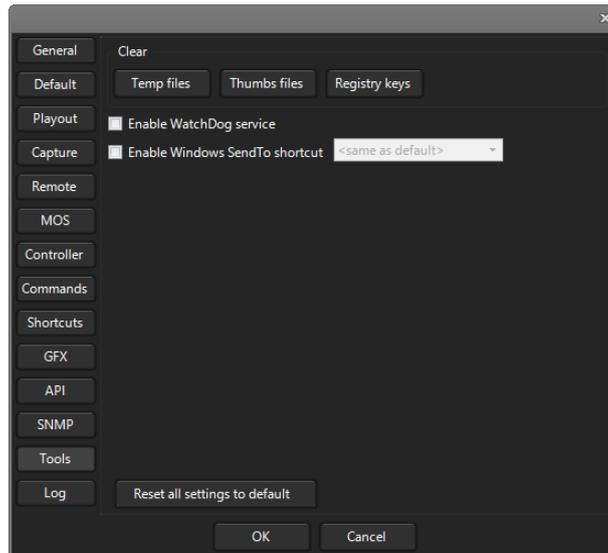
4.13 SNMP



- MIB Enables/disables the MIB database for the SNMP
- Port Port for the SNMP communication
- WriteCommunity Set the write community password for the MIB
- ReadCommunity Set the read community password for the MIB
- Trap Enables/disables the trap sending
- IP Address IP of the current PC.
By default: 127.0.0.1 (the same of localhost)
- Port Port for trap communication
- TrapCommunity Set here the trap community password for trap receiving
- Heartbeat interval (sec) Every n seconds the YouPlay sends a heartbeat trap
- Video interval (sec) Time in seconds to check the video quality
- Video safe area (%) Percentage of the video area to analyze
- Video threshold (%) Percentage of video threshold limit to send a trap

- Freeze threshold 10 (%) Percentage of video freeze limit to send a trap
- Audio interval 5 (sec) Time in seconds to check the audio quality
- Audio threshold -32,0 (dBr) Audio threshold limit value to send a trap

4.14 TOOLS

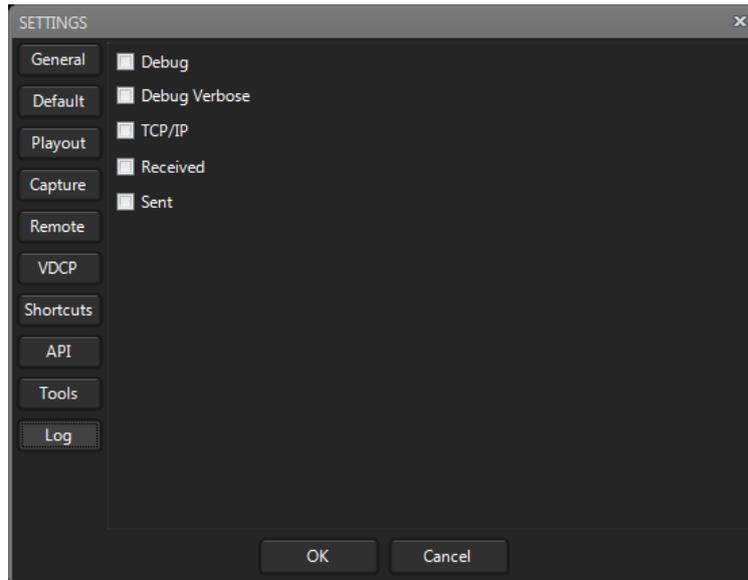


Tools setting panel is to clean all YouPlay Temp files, Thumbs files and Registry keys:

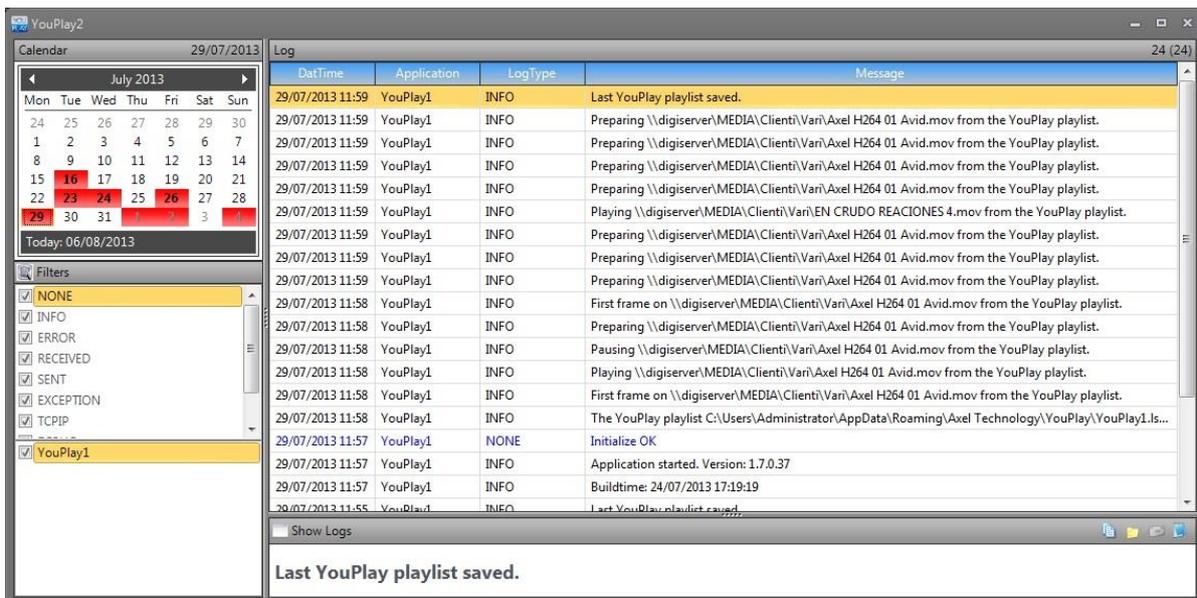
- Temp files** Erases all the YouPlay Temp files
- Thumbs files** Erases all the YouPlay Thumbs files
- Registry keys** Erases all the Registry keys

- Enable WatchDog service** Enables/Disables the WatchDog service
- Enable Windows SendTo shortcut** <same as default> Enables/Disables Windows SendTo shortcut
- Reset all settings to default** By clicking this button all the default settings will be restored

4.15 LOG



On the Log setting panel it is possible to enable or disable eachone of the available logs.



The Log panel allows to make searches with filters and select the day to be checked through a calendar.

4.16 ANALYSIS OF DAYLIGHT SAVING TIME (SUMMER TIME / WINTER TIME SWITCHING) MANAGEMENT

4.16.1 RECORDING (LTC UTC DURATION)

Schedule of the YouPlay recording in Custom Mode (LTC UTC DURATION)

Filename	Custom	LTC UTC DURATION
Profile	<auto>	
Command	<none>	

creates files with the following syntax:

o/x LTC-Date LTC-Time UTC-Date UTC-Time Duration TotalFrames Description.extension

- o/x -> o = file opened | x = file closed
- LTC-Date -> Local Date format YYYY-MM-DD
- LTC-Time -> Local Time format HH:mm:ss
- UTC-Date -> Universal Date format YYYY-MM-DD
- UTC-Time -> Universal Time format HH:mm:ss.ff
- Duration -> File duration format HH.mm.ss.ff
- TotalFrames -> Total frames (FPS)
- Description -> YouPlay instance
- Extension -> File extension

Examples:

```
x 2017-03-24 02.00.00 2017-03-24 01.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-03-24 03.00.00 2017-03-24 02.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-03-24 04.00.00 2017-03-24 03.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-03-24 05.00.00 2017-03-24 04.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
```

From winter time to summer time

When you have the switch between winter time to solar time, the recording continues without problem with the following result:

```
x 2017-03-26 02.00.00 2017-03-26 01.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-03-26 04.00.00 2017-03-26 02.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-03-26 05.00.00 2017-03-26 03.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-03-26 06.00.00 2017-03-26 04.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
```

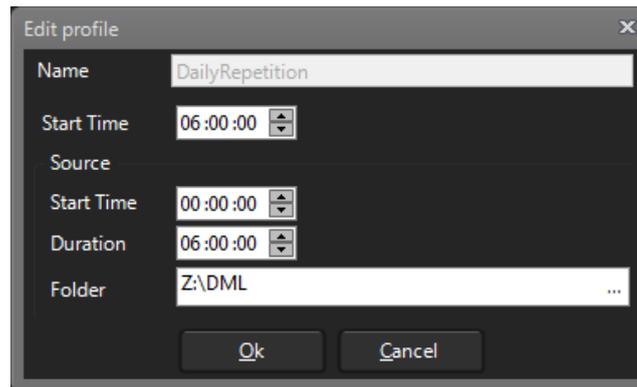
From summer time to winter time:

Instead, when you have the switch between summer time to winter time, the result will be the following one:

```
x 2017-10-29 02.00.00 2017-10-29 00.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-10-29 03.00.00 2017-10-29 01.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-10-29 03.00.00 2017-10-29 02.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
x 2017-10-29 04.00.00 2017-10-29 03.00.00.48 00.00.00.00 0000000 YouPlay1.mxf
```

4.16.2 PLAYOUT

If you use the custom schedule DailyRepetition as shown in the following example:



YouPlay will scan the specified directory. It will look for files formatted in LTC UTC DURATION and it will look for Date and Time in UTC.

In this way the clips playout is managed in a transparent, continuative way without interruptions.

