



KHRONOS TO AV / USER MANUAL

bitonlive

V. 0.15.1023.1

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Khronos A / AV

Khronos-AV is an advanced multi-channel audio and video logging software for all kind of recording. The acquired files are automatically indexed by date and time for an immediate access from the **Khornos Playout**, even from a computer on the network.

The multichannel is acquired via audio or video input and based on real customer needs and the storage capacity.

Khronos-AV has a setup that allows the complete customization of the software use: you can choose the duration of each single file.

It's easy to use and his versatility make it an excellent tool for fulfilling the obligations established by law and for other purposes.

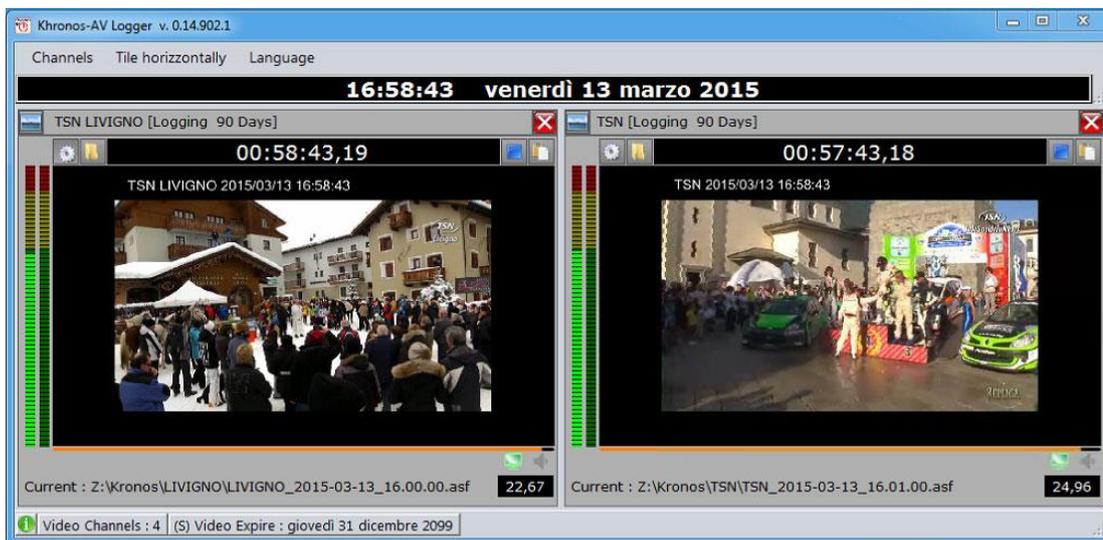
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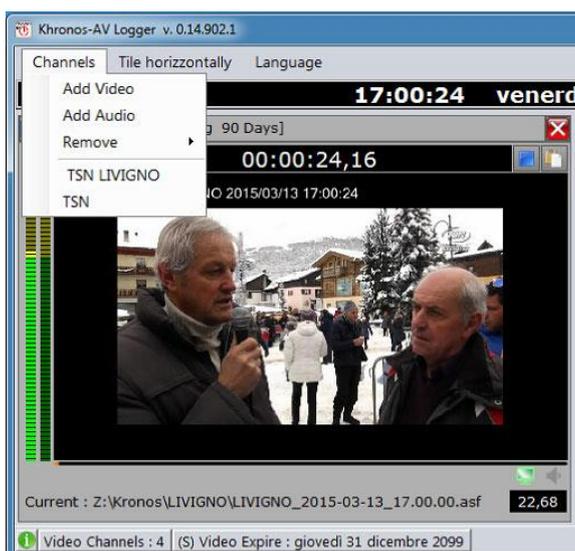
Function Keys

-  Opening the configuration panel
-  Start recording
-  End of recording
-  Stops the current recording and it begins a new
-  Activates the video preview
-  Activates the audio preview

Add a Channel



Click on the Channels menu and select Add Channel Audio or Video.



Automatically opens the configuration panel of the channel.

Settings

Channel name Enter the channel name.

Mode **Logging:** continuous recording

Skimming: timed recording

Logging Mode

Automatic start If selected at the opening of the software the recording will start automatically

Delay Seconds of delay for the recording start

Keep aspect The (video) recording keeps the appearance of the input signal (16:9 / 4:3)

Days The number of days that must be kept in the archive

Maximum Days Log Maximum number of days that log must be kept in the archive

Fixed Departure If selected recording will begin at the indicated minute

Maximum Duration Maximum Recording Duration

Skimming Mode

IP Port Indicate the port that receives commands to start and stop recording (see Table P.9)

Keep aspect The (video) recording keeps the appearance of the input signal (16:9 / 4:3)

Days The number of days that must be kept in the archive

Maximum Number days Maximum number of days that can be kept in the archive

Streaming Mode

Automatic start If selected at the opening of the software the recording will start automatically

Delay Seconds of delay for the beginning of the recording with respect to the start of the program

Keep aspect The recording keeps the appearance of the input signal (16:9 / 4:3)

Maximum Days Log Maximum number of days that log must be kept in the archive

Start an external application

Delay Seconds of start delay of the external application

Application Select the path for the application startup

Topics Indicate any topics required on application startup

Timestamp

Text

Shows	If selected, will be added in the overlay even text, date and time of the recording.
X / Y	This is the position in which to insert the text. X is the position from left to right Y is the position from the top
Header text	Is the text that will be added before the date
Format	Format with which will be written to date and time
Font	Select the type and size of the font
The color of the text	Select the color of the text
Background Color	Select background color
Alpha Fore color	255 is solid color, 0 is transparent
Alpha Back color	255 is solid color, 0 is transparent

The Logo

Shows	If selected, will be added in the overlay also the selected logo.
File	Specify the path and name of the file on the logo.
X / Y	This is the position in which to insert the text. X is the position from left to right Y is the position from the top downwards
Width	Width of the logo in pixels.
Height	Height of the logo in pixels
Scale	Indicate the resize mode for the logo
Alpha text color	255 is solid color, 0 is transparent
Alpha background color	255 is solid color, 0 is transparent

Alarms

Min level audio	Indicate the level audio that triggers the control to fault
Seconds min level audio	Indicate the time beyond which the system should send the alarm
Min video rate	Indicate the minimum video rate number that triggers the control to fault
Seconds min video rate	Indicate the time beyond which the system should send the alarm
Send Mail	If checked will be sent a warning email
From	E-mail address of the sender
To	E-mail recipients, separated by comma if more than one
Outgoing SMTP server	Enter the outgoing mail server for the sender address indicated
User	User's email account
Password	Email account passwords
SSL	Tick to send SSL

Device

Settings | Timestamp | Alarm | **Device** | Codec | Streaming

Video Device
<None>

Video Format

Audio Device External Audio
Line 3 (Virtual Audio Cable)

Audio Format
44100 Hz, 2 Ch, 16-bit

Init Close

Save and Close

Select the device from which to take the input signal and the audio and video formats for registration.

Press the **Init** to initialize the device.

Codec

Settings | Timestamp | Alarm | Device | **Codec** | Streaming

MP4

Type
MP4 (MPEG-4 Part 14)

Video
MPEG-4 part 2 Video

Bit Rate
200

Video Format
NTSC-23p UYYY 720x486@23.98p 4:3

Audio
AAC (Advanced Audio Coding)

Bit Rate
64

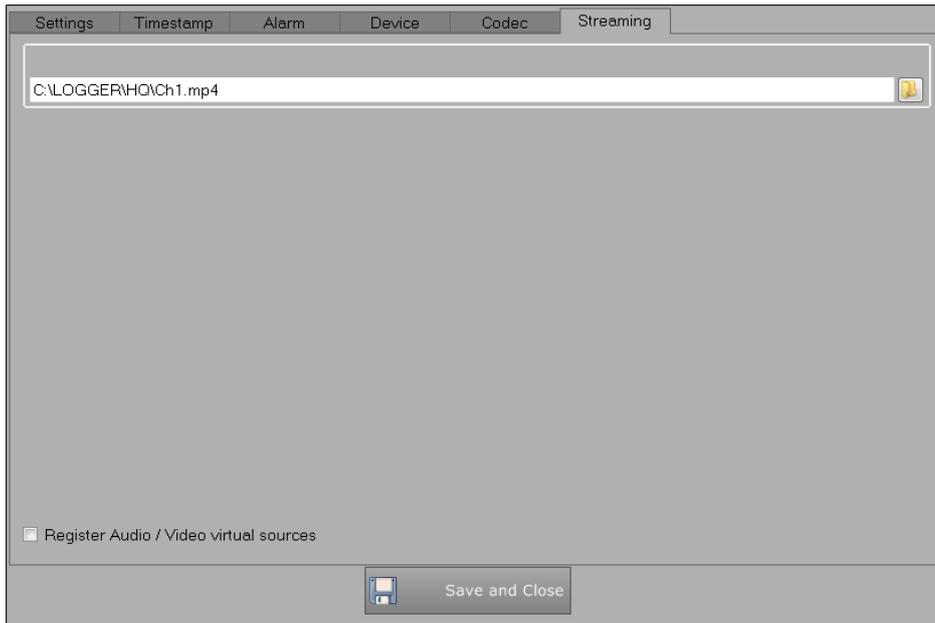
Audio Format
48000 Hz, 2 Ch, 16-bit

Additional settings

Save and Close

Indicate the codec to be used for recording.

Streaming



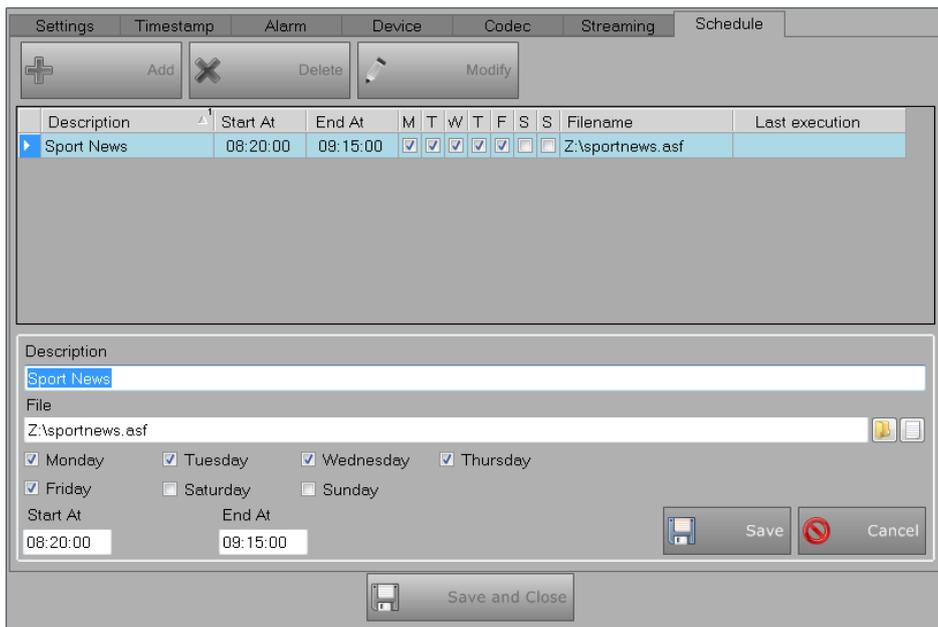
Specify the destination path and file-name of the recorded file.

Record Audio/Video virtual sources

Enabling the field will be created an audio source/virtual video with audio and video recorded by Khronos

Schedules

Function enabled if the type of recording is **SKIMMING**



Adds a new schedule



Deletes the selected schedule



Edit the selected schedule

- Description Enter the name of the recording
- File Select the path and the file on which to save the recording
- Days enabled Select the days in which to perform the registration
- Start Time Start recording time
- End Time End recording time

