

KHRONOS TO AV / USER MANUAL

bitonlive

V. 0.15.1023.1

The information contained in this document is subject to change at any time without prior notification. If you want to learn more info about our product, please visit our web www.bitonlive.com.

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.

Summary

Function Keys	2
Add a Channel	2
Settings	3
5	
Timestamp	4
Alarms	5
Device	6
Codec	6
couce	0
Streaming	7
Sti Calling	/
Schedules	o
SUIEUUES	ð
	0
Commands for skinning mode	9

Function Keys

0	Opening the configuration panel
	Start recording
	End of recording
	Stops the current recording and it begins a new
Q	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

Settings	Timestamp	Alarm	Device	Codec	Streaming	
Channel Na	ne					
TSN LIVIGN	0					
Mode						
Logging		-				
✓ Autorun		Delay (second: 0 두	3)			
☑ Keep asp	iect	Days 90	Maximu 90	m Days Log		
✓ Fixed star	t	0	Max len 60	igth (minute)		
Startup			- Delay	(seconds) O		
Application						
Arguments						
				Save and Close	e	

Channel name Mode Enter the channel name. 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

Settings Timestamp Alarm Device Codec Streaming
Show
XY
Header text
Format (Default : yyyy/MM/dd HH:mm:ss)
yyyy/MM/dd HH:mm:ss
Font Fore color Back Color
Alpha ForeColor Alpha BackColor
255
Logo
Show
File
K:\TVDATA\Graphics\CH1\Logo.gif
X Y Width Height Scale
0 🗘 0 🗘 720 🐳 576 🖨 Normal 🗸
Alpha Fore Alpha Back
255
Save and Close

Text

Shows	If selected, will be added in the overlay even text, date and time of the recording.
Х/Ү	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.
Х/Ү	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

Settings Til	mestamp Alarm	Device	Codec	Streaming
Min level audio -50 🗲	Seconds min level audio 5			
Min video rate 0,00 🚖	Seconds min video rate 60 🔹			
Send Mail				
From				
alarm@radio.com	n			
То				
technical_dep@	radio.com			
Outgoing SMTP :	server			
User			Password	
		SSL		
		F Sa	ve and Close	2

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
То	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></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	•
Туре	
MP4 (MPEG-4 Part 14)	*
Video	
MPEG-4 part 2 Video	-
Bit Rate	
200 🗧	
Video Format	
NTSC-23p UYVY 720x486@23.98p 4:3	•
Audia	
Additio	
Re Dete	
Audio Format	
	-
Additional settings	
Save and Close	

Indicate the codec to be used for recording.

Streaming

Settings	Timestamp	Alarm	Device	Codec	Streaming	
C:\LOGGER	\\HQ\Ch1.mp4					
Register A	udio / Video virtua	d sources				
			Sa	ve and Close		

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**

Settings	Timestamp	Alarn	n De	vice	Cod	ес	Streaming	Schee	dule		
f	Add		Delete		Modify						
Description		Start At	End At	МТ	WTF	S S	Filename		Last exe	ecution	
Sport News		08:20:00	09:15:00				Z:\sportnews.ast	f			
Description											
Sport News											_
File Zitenentreuwen	f										
Monday	ISI I Tues	day	✓ Wednesd	ay	🔽 Thursd	ay					
🗹 Friday	📃 Satu	rday	🗌 Sunday								
Start At		End At					F	1	Savo	0	Cancel
08:20:00		09:15:00					Li I		Save	y	Cancer
			L]	Save an	d Clos	е				



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

Commands for skinning mode

Khronos set in **Skinning** mode is controllable from any program that is able to send commands through UDP ports. The commands provided are:

/CMD: <command/>	<command/> = STARTREC starts recording				
	STOPREC stops recording				
	PAUSEREC pauses recording				
	RESUMEREC resumes Recording Paused				
/FILENAME: <path></path>	<path> indicate the path and the name of the file to record if different from those set as default in the setup</path>				
/TIMESTAMP: <command/>	<command/> = ON add the overlay of date and time				
	OFF removes the overlay				