

## **MultimediaFAQ**

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	<i>TITLE :</i> MultimediaFAQ		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# MultimediaFAQ

### 1.1 main

Info about AVI (Windows Video) programs for AMIGA

AVId 0.99995b ..... AVI player

CyberAVI 1.12 ..... AVI player

TapAVI 1.5 ..... AVI player

AVI datatype 1.3 ..... AVI player

XAnim 8 beta ..... AVI player

Table of AVI formats .....

### 1.2 avid

AVId

Last version: 0.99995b

Last changes: since 0.99994b (04.I.98)

Added full p96 support

Locations : Aminet aminet/gfx/show/AVId.lha (demo version)

Arch. size : 80 kb

Program type: AVI animations player

Supported Video formats:

Microsoft RGB	(RGB)	8/16 bit
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Microsoft Video 1	(CRAM)	8/16 bit
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Microsoft RLE	(RLE)	8 bit
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Radius Cinepak	(CVID)	24/32 bit
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Supported Audio formats:

PCM	8 bit	Mono/Stereo
-----	-------	-------------

PCM	16 bit	Mono/Stereo
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Requirements:

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Hardware:

- Amiga with OCS/ECS/AGA/P96
- Kickstart 3.0+
- mc68020 or Faster
- around 1 meg of free memory (FAST recommended)

Software:

- reqtools.library v38+

Recommended:

- mc68030/50Mhz 0.5 - 1 MB of fast memory
- fast device >= 1 MB (HDD or 4xSpin CD-ROM)

Output type :

Graphics:

- HAM8
- 18BIT (special 18bit mode)
- GRAY
- STORM (fast & good HAM8)
- Grayscale window (16 color)
- P96 support (8/15-16/24 bit own screen)

Audio:

- audio.device

Author :

Snail:  
 László Török (pH03N1x/CDi)  
 H-8900 Zalaegerszeg  
 Cserfa 31.  
 Hungary

Phone:  
 +36 92 310 396 (after 18:00 CET)

E-Mail:  
 torokl@alpha.dfmk.hu

WWW:  
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Other:  
 IRC - pH03N1x@iRC (#magyar, #amiga or #amigahu channels)

Prog. status: Shareware (15DM, 10\$USD)

Future :

- adding support for ULTI, IV32 compressed avis.. docs/sources are ←
- welcome!
- make p-OS version
- PowerPC version (when a PowerPC assembler compiler will be come out ←
- )
- Full GUI

Other infos :

- asyncio I/O, already small gui, probably fastet player for Amiga,
- Special PicassoIV version (called PIV-AVId) available on the p96
- homepage (that is not limited version)

## 1.3 cyberavi

CyberAVI

Last version: 1.12

Last changes: since 1.11 (16.IX.97)

fixed: bug when there is one long audio sample, endless audio  
 playback for one-sample-animations in loop mode

new : now handles wrong audio headers, YUV2 (2:1:1) Component Video ←  
 and YUV9 16bits , YUV12 Planar MPEG video, CMAP option, SCREENMODEID option  
 opt. : inproved recog. of truncated files,  
 Locations : Aminet aminet/gfx/show/CyberAVI.lha  
 filerequest at Blind Guardian BBS. Just request "CyberAVI.lha" at ←  
 one  
 of the following lines:  
 Line 1: 38400 - 64000 Elink 310 +49-5742-920340 (2:2432/231.0)  
 Line 2: 2400 - 28800 Elsa TQV +49-5742-920341 (2:2432/230.0)  
 Line 3: 2400 - 19200 ZyXEL EG+ +49-5742-920342 (2:2432/232.0)

Arch. size : 200 kb  
 Program type: AVI animations player  
 Supported Video formats:  
 Microsoft Video 1 (CRAM) 8/16 bit  
 Radius CinePak (CVID) 8/16/24/32 bit (8 bit is gray)  
 Microsoft RGB (RGB) 4/8/16/24/32 bit  
 Microsoft RLE8 (RLE8) 8 bit  
 IBM Ultimotion (ULTI) 16 bit  
 Component Video (YUV2) 16/24/32 bit  
 Intel Raw (YUV9) 16/24/32 bit  
 Planar MPEG (YV12) 12/16/24/32 bit  
 JFIF JPEG (JPEG) 8/24 bit (8 bit is gray)  
 Motion JPEG <MJPG) 8/24 bit (8 bit is gray)

Supported Audio formats:  
 PCM 8 bit Mono/Stereo  
 PCM 16 bit Mono/Stereo  
 MS ADPCM 4 bit Mono/Stereo (it's 16 bit in did)  
 DVI ADPCM 4 bit Mono/Stereo (it's 16 bit in did)

Requirements:  
 Hardware:  
 - Amiga with AmigaOS 3.0 (V39)  
 - MC68020  
 - AGA or GFX board like CV64, PicassoII, Retina etc.  
 - 2MB of fast and 512 of chip memory  
 Software:  
 - CyberGraphX 2.21 or higher (if you use board)  
 - asyncio.library 39 (included in archive)  
 Recommended:  
 - Amiga with AmigaOS 3.1 (V40)  
 - MC68040/25Mhz or more ;)  
 - GFX board with CyberGraphX 2.21+

Output type :  
 Graphics:  
 - HAM8  
 - GRAY  
 - 256c (AGA)  
 - DITHER (dithering ordered)  
 - CGFX  
 Audio:  
 - audio.device

Author :  
 Snail:  
 Thore Böckelmann  
 Entgelhof 11  
 D-32278 Kirchlengern

Germany

Thore Böckelmann  
 Stephanusstraße 82  
 D-33098 Paderborn  
 Germany

Phone:

+49-5251-730837 (Paderborn)  
 +49-5744-1309 and +49-5744-1323 (Kirchlengern)

E-Mail:

tboeckel@uni-paderborn.de  
 tboeckel@guardian.fido.de

WWW:

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Other:

FidoNet : 2:2432/230.15  
 AmigaNet: 39:170/410.15

Prog. status: Freeware

Future :

If you have specifications or animation in one of the format listed below please contact with author

- RLE4 (Microsoft RLE4)
- XMPG (Editable MPEG)
- IJPG (Intergraph JPEG)
- CYUV (Creative Technology CYUV)
- IV32 (Intel Indeo) ! Do not send animations in this format !

Other infos :

supports most avi encodings (only XAnim is better ;) ), I/O asyncio ←  
 ,  
 can resize anims (on CGFX), you can preload audio to ram if you ←  
 wish,  
 can resample sounds if there is no proper screen to play 27 > Khz

## 1.4 tapavi

TapAVI

Last version: 1.5

Last changes: since 1.4 (04.I.98)

Locations : Aminet aminet/gfx/show/tapavi15.lha

Arch. size : 21 kb

Program type: AVI animations player

Supported Video formats:

Microsoft RGB	(RGB)	8 bit
Microsoft Video 1	(CRAM)	8/16 bit

Supported Audio formats:

PCM	8 bit	Mono/Stereo
PCM	16 bit	Mono/Stereo

Requirements:

Hardware:

- Amiga with PicassoII (v1.2 and lower can use AGA)
- Kickstart 2.0+
- mc68020 ot Faster

Software:

```

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    Recommended:
    ---
Output type :
    Graphics:
    - Picasso II (or in 1.2 AGA COLOUR - 256c)
    Audio:
    - audio.device
Author      :
    ----- PROJECT CANCELED -----
    Author have sold Amiga with only sources on it (now have PC)
    Snail:
    ---
    Phone:
    ---
    E-Mail:
    ---
    WWW:
    ---
    Other:
    ---
Prog. status: Freeware
Future      :
    ----- PROJECT CANCELED -----
Other infos :

```

## 1.5 avidt

AVI datatypes

```

Last version: 1.3
Last changes: --
Locations    : NOT AVAIABLE for public YET
Arch. size   : NOT AVAIABLE for public YET
Program type: AVI animations player
Supported Video formats:
    Microsoft RGB      (RGB)      4/8/16/24 bit
    Microsoft Video 1  (CRAM)     8/16 bit
    Microsoft RLE      (RLE)      8 bit
    Creative            (CYUV)    16 bit
Supported Audio formats:
    ---

```

```

Requirements:
Hardware:
    - Amiga with OCS/ECS/AGA/P96
    - Kickstart 3.0+
    - mc68020 ot Faster
Software:
    - datatypes.library (and all stuff for it)
Recommended:
    - mc68030/50Mhz

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Output type :
    Graphics:
    - color (depend on window depth)
    - ham6/ham8

```



```

Audio:
  - audio.device
Author  :
  Snail:
    Roland Mainz
  Phone:
    ---
  E-Mail:
    GISBURN@W-SPECHT.rhein-ruhr.de
  WWW:
    ---
  Other:
    ---
Prog. status: Freeware
Future      :
  Still under developpe
Other infos :
  I hope it will came out ;)

```

## 1.6 tableavi

GFX	AVID	CAVI	TAVI	XANIM	MAB	DAVI
.....Microsoft Video 1						
WHAM, CRAM, MSVC 8 bit	+	+	+	+		+
WHAM, CRAM, MSVC 16 bit	+	+	+	+		+
.....Radius CinePak Color						
CVID 16 bit		+				
CVID 24 bit	+	+		+		
CVID 32 bit	+	+				
.....Radius CinePak Gray						
CVID 8 bit		+				
.....Microsoft RGB						
RGB 4 bit		+				+
RGB 8 bit	+	+	+	+		+
RGB 16 bit	+	+				+
RGB 24 bit		+		+		+
RGB 32 bit		+				
.....Microsoft RLE						
RLE4 4 bit						
RLE8 8 bit	+	+		+		+
.....IBM Ultimotion						
ULTI 16 bit		+		+		
.....Component Video						
YUV2 16 bit		+				
YUV2 24 bit		+				
YUV2 32 bit		+				
.....Intel Raw						
YUV9 16 bit		+				
YUV9 24 bit		+				
YUV9 32 bit		+				
.....Editable MPEG						
XMPG 24 bit				+		
.....YUV12 Planar MPEG						
YV12 12 bit		+				

YV12 16 bit		+					
YV12 24 bit		+					
YV12 32 bit		+					
.....JFIF JPEG	-----	+	-----	+	-----	+	-----
JPEG 8 bit		+					
JPEG 24 bit		+		+			
.....Motion JPEG	-----	+	-----	+	-----	+	-----
MJPEG 8 bit		+					
MJPEG 24 bit		+		+			
.....Intergraph JPEG	-----	+	-----	+	-----	+	-----
....Intergraph JPEG - IJPG				+			
.....Intel Indeo	-----	+	-----	+	-----	+	-----
IV31 24 bit							
IV32 24 bit							
..... Creative Technology	-----	+	-----	+	-----	+	-----
CYUV 16 bit						+	

SFX		AVID	CAVI	TAVI	XANIM	MAB	DAVI
PCM 8 bit	MS	MS	M	MS	-	-	
PCM 16 bit	MS	MS	M	MS	-	-	
*OLD DVI/IMA ADPCM 4 bit	-	MS	-	M	-	-	
*NEW DVI/IMA ADPCM 4 bit	-	MS	-	-	-	-	
ULAW 8 bit	-	-	-	-	-	-	
MS ADCMP 4 bit	-	MS	-	-	-	-	

M - mono      S - stereo