

# EDIUS 5

## Video Out Plug-ins

### Setting Guide

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## Manual Explanation

- Information not described in this manual may be displayed in some cases. Make sure to read the text file attached to the disc.
- If there are any variations between the explanation in this manual and the actual application method, priority is given to the actual application method.
- This manual is written for people who have a basic knowledge of how to use a computer. If there are no special instructions, perform the same operation as a normal computer operation.
- In this manual, EDIUS 5, or EDIUS series are called 'EDIUS'.



## DANGER

### Health Precautions

In rare cases, flashing lights or stimulation from the bright light of a computer display or TV monitor may trigger temporary epileptic seizures or loss of consciousness. It is believed that even individuals whom have never experienced such symptoms may be susceptible. If you or close relatives have experienced any of these symptoms, consult a doctor before using this product.

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Video Out Plug-ins Setting Guide  
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# 1

## Settings for Video Out Plug-in

With EDIUS, you can work while checking effect states, by sending the video signals displayed on the screen with one of the following applications to a video monitor:

- Adobe After Effects
- Adobe Photoshop CS
- NewTek LightWave 3D
- Autodesk Maya
- Autodesk 3ds Max
- Autodesk Combustion
- TVPaint Mirage

To use this function, first install the above application(s) (available on the market) on the PC then install "Canopus Video Out Plug-ins."

Make the following settings before using the Video Out Plug-in.

### 1 Double-click "VOConfig.exe" in "Tools" → "VideoOut Plug-ins" → "Common" folder in EDIUS DVD.

The "VOConfig" dialog box appears.

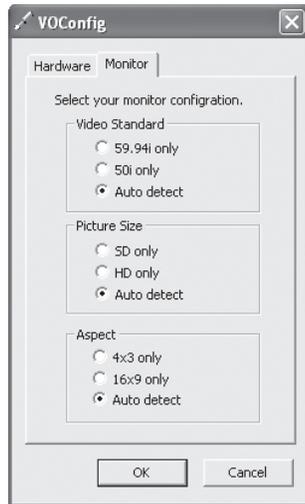
### 2 On the [Hardware] tab, select the name of the board you use.



### 3 Set the items under the [Monitor] tab and click [OK].

The most suitable format for the picture size of the video signal to be output will be selected among the formats supported by the hardware. You can select profiles for output by selecting the video standard, picture size, and aspect settings.

Make the monitor setting according to the input format that your video monitor supports. For example, if it supports only NTSC, select [59.94i only].



**POINT** The type of video output connectors for the Video Out Plug-in differ between SD and HD signals:

- For SD: The video signals are output to the component, S-video, and composite connectors.
- For HD: The video signals are output to the component connectors.

# 2

## After Effects Video Out Plug-in

You can work while checking effect states, by sending the video displayed in the After Effects Composition window out through the video output connector of the main board or the expansion board to a video monitor.

### Notes

- Before starting installation, close all the other applications that may be running in the task tray.
- In order to install, you must log in as a user with administrator privileges.
- Changes made in "settings" are not reflected immediately. They are reflected once you click inside the Composition window, scrub in the Timeline window, or perform some other operation.
- If RAM preview playback is not smooth, use the dialog box that opens when you select "Edit" > "Environment settings" > "Cache" to set "Image cache size" to a smaller value.
- Use the NTSC DV presets or the PAL D1/DV presets to make composition settings, depending on the video standard you are using.
  - Frame size: 720 x 480 (NTSC), 720 x 576 (PAL)
  - Pixel aspect ratio: D1/DV NTSC (NTSC), D1/DV PAL (PAL)
  - Frame rate: 29.97 frames/sec (NTSC), 25 frames/sec (PAL)
- Set up the render frame output module as follows:
  - Output module: Custom
  - Format: Video for Windows
  - Format option: Canopus DV Codec
  - Audio output: Make the following settings; 48.000 kHz 16-bit stereo, 44.100 kHz 16-bit stereo, 32.000 kHz 16-bit stereo.
- Compression and cropping are not supported.
- RAM previews may not be shown out in real time at maximum size.
- Analog output is not possible in the Clip window. To preview clips, use the Layer window. The Layer window can be opened by double-clicking in the Project window while holding down the [Alt] key on the keyboard.

**POINT** For composition settings, use the following presets, according to the video standard used:

	[HD]		[SD]	
Preset	HDTV, 1280×720	Custom*, 1920×1080	NTSC D1, 720×486 or NTSC DV, 720×480	PAL D1/DV, 720×576
Pixel aspect ratio	Square pixel	Square pixel	D1/DV NTSC (0.9)	D1/DV PAL (1.07)
Frame rate	29.97 fps	29.97 fps	29.97 fps	25 fps

\* Select a preset, according to the video standard you are using.

The following settings are recommended for the render cue output module:

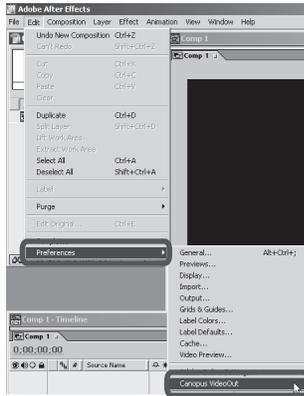
	[HD]	[SD]
Output module	Custom	Custom
Format	Video for Windows	Video for Windows
Format options	Canopus HQ Codec	Canopus DV Codec
Audio output	48.000 kHz 16 bit, stereo	48.000 kHz 16 bit, stereo

**POINT** To install the plug-in, copy "Canopus VideoOut.aex" and "Canopus MenuHook.aex" to the plug-in folder for After Effects. "Canopus VideoOut.aex" and "Canopus MenuHook.aex" are contained in "Tools" → "VideoOut Plug-ins" → "AfterEffects" folder in EDIUS DVD.

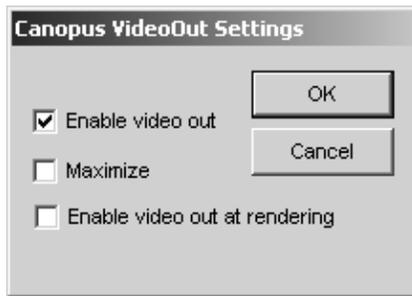
## 1 Start up After Effects and select "Edit" from the menu bar.

Connect the video output connector of the main board or the expansion board with a video monitor, beforehand.

**2 From the "Edit" menu, select "Preferences" then "Canopus VideoOut".**



**3 Select an option in the "Canopus VideoOut Settings" dialog box.**



<b>Enable video out</b>	When this is checked, data of the Composition window are output to the monitor.
<b>Maximize</b>	When this is checked, the Composition window is fully expanded on the screen.
<b>Enable video out at rendering</b>	When this is checked, the video signals being rendered are output to the monitor.

# 3

## Photoshop Video Out Plug-in

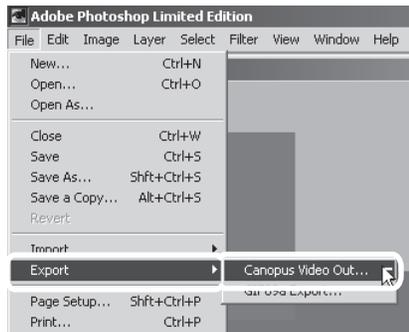
You can output images shown in Photoshop to a video monitor from the video output connector of the main board or the expansion board. This allows you to use images created in Photoshop as video material, and adjust images for the optimum color balance for video.

**POINT** To install the plug-in, copy "Canopus VideoOut.8be" to the plug-in folder for Photoshop CS.  
"Canopus VideoOut.8be" is contained in "Tools" → "VideoOut Plug-ins" → "Photoshop" folder in EDIUS DVD.

### 1 Start up Photoshop, and open the file that you want to output to the monitor.

Connect the video output connector of the main board or the expansion board with a video monitor, beforehand.

### 2 From the "File" menu, select "Export" then "Canopus Video Out".



A still image appears on the video monitor.

**Note** With Photoshop CS2, the "Write Data" command cannot by default be executed from a keyboard shortcut. To set up a keyboard shortcut, registering a new action is required, by selecting "Edit" > "Create new action."

# 4

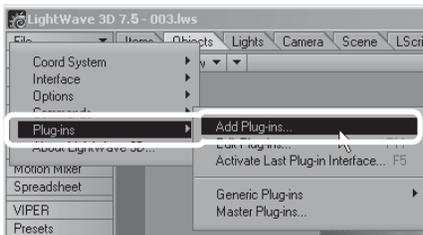
## LightWave 3D Video Out Plug-in

You can output animations shown in NewTek LightWave 3D to a monitor from the video output connector of the main board.

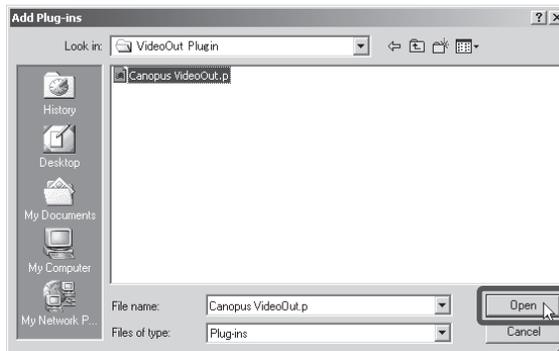
Connect the video output connector of the main board to a video monitor.

**POINT** To install the plug-in, copy "Canopus VideoOut.p" to the plug-in folder for LightWave 3D. "Canopus VideoOut.p" is contained in "Tools" → "VideoOut Plug-ins" → "LightWave3D" folder in EDIUS DVD.

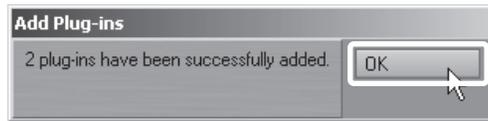
- 1 Start up LightWave 3D, and from the "Layout" menu click "Plug-ins" then "Add Plug-ins...".



- 2 Click "My Computer," "Local disk (C:)," "Program Files," "Canopus," "VideoOut Plugin," then "Canopus VideoOut.p". Then click [Open].



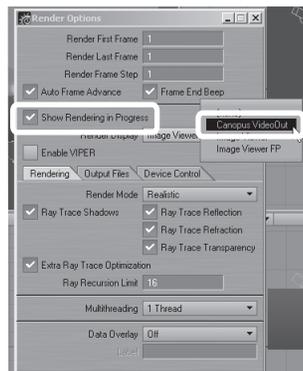
**3** Click [OK].



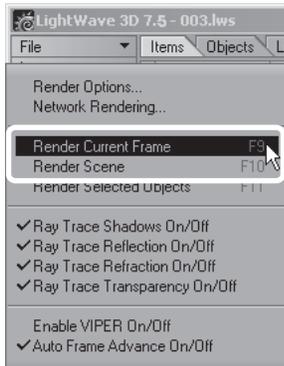
**4** From the "Rendering" menu, select "Render Options."



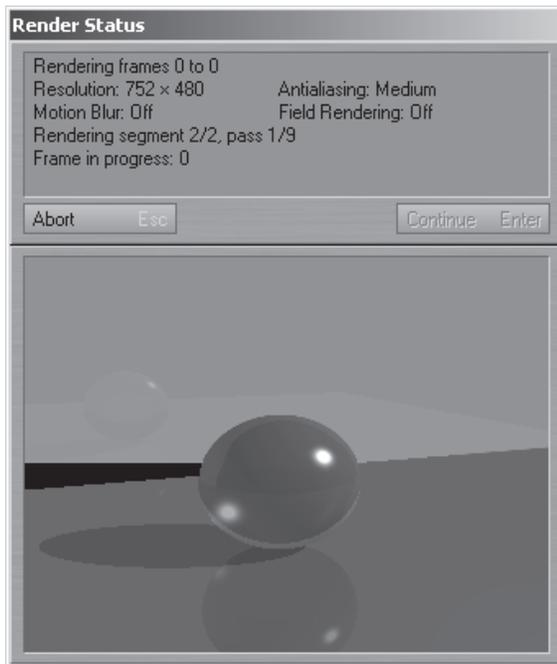
**5** Check "Show Rendering in Progress," then select "Canopus VideoOut" as the display destination.



**6 From the "Rendering" menu, click "Render Current Frame" or "Render Scene."**

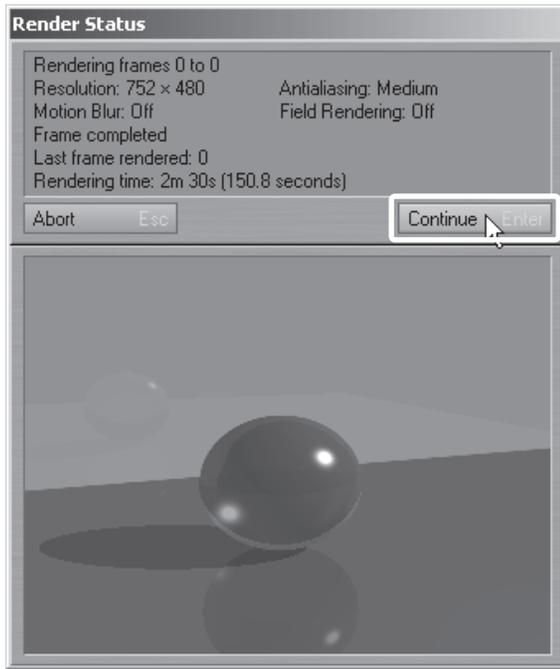


Rendering starts.

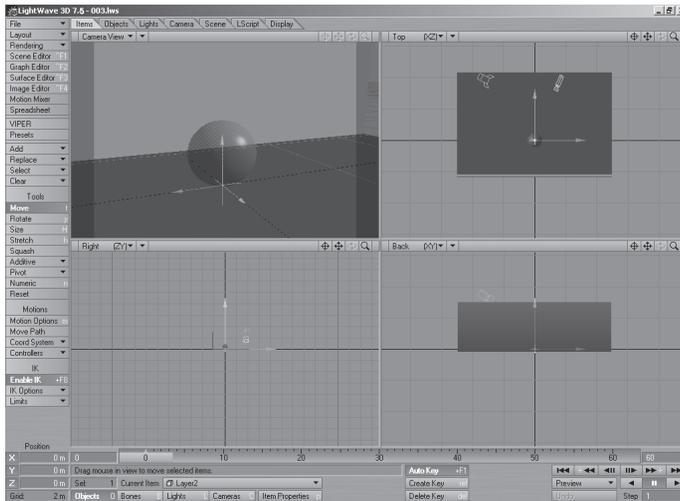


## 7 After rendering is completed, click [Continue].

Video output starts.



When the output ends, the "Render Status" dialog box closes and the original screen returns.



# 5

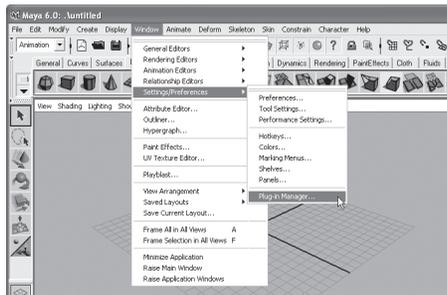
## Maya Plug-in

You can output animations shown in Autodesk Maya to a monitor, via the video output connector of the main board or the expansion board. Connect the video output connector of the main board or the expansion board to a video monitor.

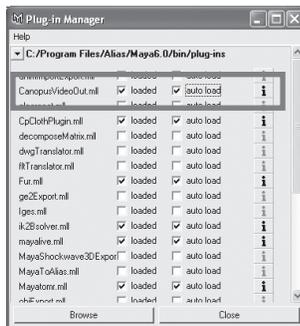
**POINT** To install the plug-in, copy "CanopusVideoOut.mll" and "CanopusVideoOut7.mll" to the plug-in folder for Maya. "CanopusVideoOut.mll" and "CanopusVideoOut7.mll" are contained in "Tools" → "VideoOut Plug-ins" → "Maya" folder in EDIUS DVD.

### Plug-in registration

- 1 From the "Windows" menu, click "Settings/Preferences" then "Plug-in Manager."



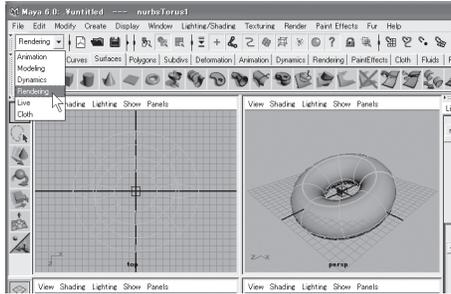
- 2 Check both the "loaded" and "auto load" boxes of "Canopus VideoOut.mll" and click [Close].



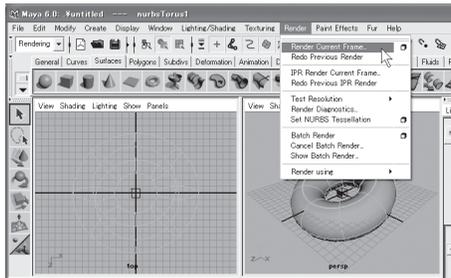
# Using the plug-in

Be sure to connect your PC to the output devices before performing the video output.

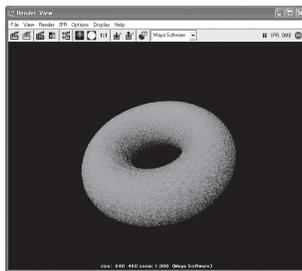
## 1 From the tool menu, select "Rendering."



## 2 From the "Render" menu, select "Render Current Frame."

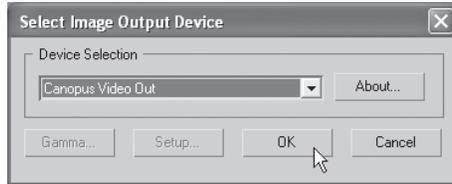


Rendering starts. When rendering is completed, the video output starts.

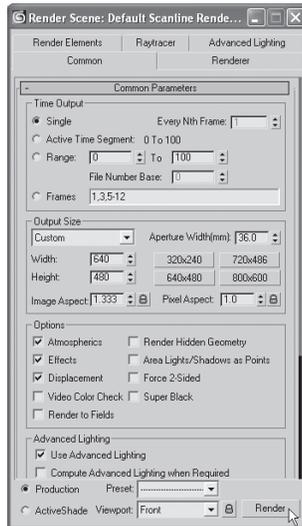




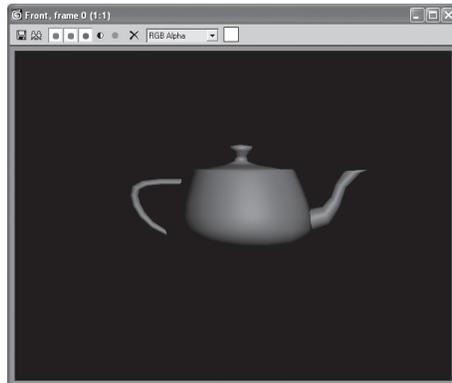
### 3 Select "Canopus Video Out" then click [OK].



### 4 Click [Render].



Rendering starts. When rendering is completed, the video output starts.



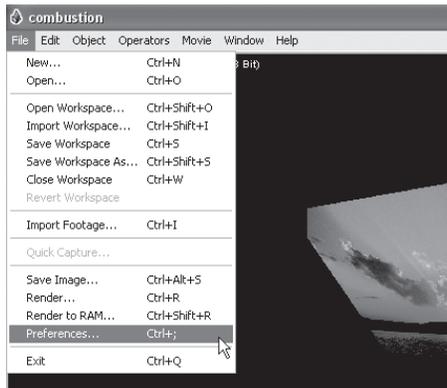
# 7

## Combustion Plug-in

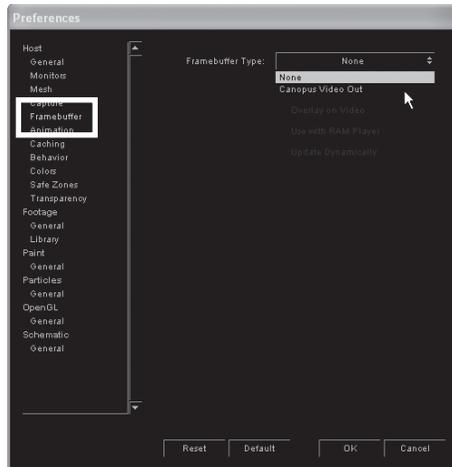
You can output animations shown in Autodesk Combustion to a monitor, via the video output connector of the main board or the expansion board. Connect the video output connector of the main board or the expansion board to a video monitor.

**POINT** To install the plug-in, copy "CanopusVideoOut.fbp" to the plug-in folder for Combustion.  
"CanopusVideoOut.fbp" is contained in "Tools" → "VideoOut Plug-ins" → "combustion" folder in EDIUS DVD.

### 1 From the "File" menu, select "Preferences."

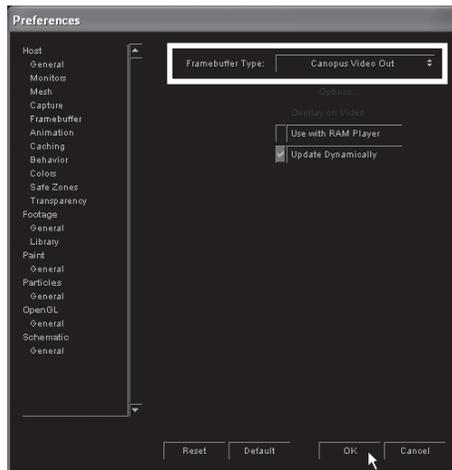


## 2 From the left menu, select "Framebuffer."



## 3 In "Framebuffer Type:", select "Canopus Video Out" then click [OK].

Video output starts.



# 8

## Mirage Plug-in

You can output animations shown in TVPaint Mirage to a monitor, via the video output connector of the main board or the expansion board. Connect the video output connector of the main board or the expansion board to a video monitor.

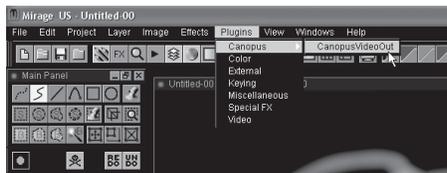
**POINT** To install the plug-in, copy "Canopus Video Out.dll" to the plug-in folder for Mirage.  
"Canopus Video Out.dll" is contained in "Tools" → "VideoOut Plug-ins" → "MIRAGE" folder in EDIUS DVD.

### 1 Set the output size then click [OK].



### 2 From the "Plugins" menu, select "Canopus" then "Canopus VideoOut".

Video output starts.



**POINT** You can set the display options for video output. When you click [Preview Sequence], the currently selected frames will be played back in sequence.

