

BT

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Chapter 1

BT

1.1 BT User Manual

B L U F F T I T L E R 1 . 0

A Realtime 3D Titling System for the Amiga

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1.2 BT Introduction

Introduction

BluffTitler is Realtime 3D Titling program. It allows you to animate 3D texts in all sorts of 3D effects using a simple graphical user interface.

You no longer have to use difficult, expensive and slow 3D rendering software to make those stunning 3D leaders. All you need is BluffTitler !!

And because BluffTitler works in realtime, you can immediately start recording your leader to video . No more heavy disk operations, memory problems and single frame recorders : simply start BluffTitler and press the record button on your video !

Since computer power is limited you can't expect broadcast quality from a realtime titler, but the result is perfectly suitable for

- home video's
- semi-professional productions
- cable networks
- computer presentations

Another BluffTitler Bonus over 3D rendering programs is the use of Amiga's Copper chip. BluffTitler uses this chip to produce a shaded background and to simulate shading of the characters. On AGA machines this results in more than 400 different colours on screen at the same time !!!

There are 4 reasons why you can't do this on a PC

- The Amiga is capable of producing Overscan
- The Amiga can be easily connected to a TV/VCR
- You won't find the Copper Chip inside a PC
- SVGA is limited to 18 bit colours (64 grey tones)

1.3 BT How to make a simple show

How to make a simple show

First select the menu item 'New Show'. A requester will be presented allowing you to enter the total show length. Since this is an example let's limit ourselves and enter 3 seconds.

Then use the text gadget in the upper right to enter the text you want to animate. Type in the word 'Test' and don't forget to press <return>. Your text is now visible in the preview box.

Now is the time to think out the 3D effect you want to make. Let's make a simple zoom. We need 2 keys to do that.

To make the first key, set the time slider to 0. Set the editmode gadget below the text gadget to 'Eye Position' and set the depth slider to -16000. The text will now appear very small. Press the insert button and the first key is stored. A small vertical line representing this key is now visible above the time slider.

Then drag the time slider to the last position and drag the depth slider until the text fills the whole preview box. Don't forget to store this

second key by pressing the insert key.

You have now defined 2 keys and it is time to watch the preview. Set the time slider back to the beginning, press the start button and watch the result.

If everything looks fine, select the menu item 'Start Show' and enjoy your show in all it's glory.

If you start experimenting with more exciting effects, always remember to use the right sequence to make a key

- 1-drag the time slider to the time you want to create a new key
- 2-use the editmode cyclegadget and the 3 sliders below to get the right picture
- 3-press the insert button

1.4 LSD System Requirements

System requirements

BluffTitler requires - a 68020 Processor or higher
- Amiga DOS 2.0 or higher
- a 15 KHz monitor or TV

AGA users will enjoy 24 bit colours, 256 grey tones and more then 400 colours on screen at the same time ! Non-AGA machines are limited to 12 bit colours (16 grey tones).

You can make your animation more smooth by installing :

- fast ram
- 32 bit ram
- a faster/newer processor

-BluffTitler is not very memory hungry, but be sure to have some fast ram because it's twice as fast.

-Since this program uses integer maths the use of a mathematical coprocessor will not effect performance at all.

1.5 BT Installing

How to install BluffTitler

To install BluffTitler simple drag the BluffTitler Drawer to the desired place on your HardDisk.

BluffTitler requires 'BluffTitler:' to be assigned to the directory where

you store your BluffTitler files. This directory will be used as the default directory by the file requester.

Example:

If you installed blufftitler in the directory 'dh1:Graphics/BluffTitler' you have to add the following line to the file s:user-startup

```
Assign BluffTitler: dh1:Graphics/BluffTitler
```

The workbench files you need are:

-asl.library in the libs directory

1.6 BT Gadgets Functions

Summary of Gadgets functions

Time slider

Indicates the current time. Everytime you drag the time slider, the preview window will be updated. Left to the slider is the time printed in standard time code format: minutes:seconds:frames.

Text gadget

Type here the text you want to animate. Don't forget to press <return> Use the special character '@' to start a new line.

Use the key combination <Right Amiga> X to delete the entire text

Editmode cycle gadget

The effect of the 3 sliders below this gadget depends on the state of this gadget.

You can choose 4 editmodes:

- 1 Text Position
- 2 Text Rotation
- 3 Eye Position = Camera Position = Observer Position
- 4 Eye Rotation = Viewdirection

If you hold the shift key down while clicking, the list will cycle backwards.

Insert button

Stores the current key. Memory is reserved for 100 keys.

Delete button

Deletes the current key. Use the Prev/Next button to select a key

Copy button

Copies the current key into a buffer

Paste button

Copies the buffer to the current time

Prev button

Jumps to the previous key

Next button

Jumps to the next key

Start button

Starts the show from the current time in the preview window on the editor window.

Select the menu item 'Show/Start Show' for the real show in full screen and full colour.

Stop button

Stops the show in the preview window.

If you started the show from the menu item 'Show/Start Show' you can stop the show by pressing the left mouse button.

1.7 BT Menu Functions

Summary of menu functions

Project/New

Select 'New Show' to begin a new project. Don't forget to save the current project.

Project/Load

A file requester will be presented, allowing you to select and load a show from disk

Project/Save

Saves the current show in the current name

Project/Save As...

A file requester will be presented, allowing you to save the show to disk

Project/Delete...

You can use this menu item to delete a file

Project/Set Length

Use this menu item to change the show length. The maximum length is 8 minutes (480 seconds)

Project/About

Check this one out for yourself

Project/Quit

Quits BluffTitler. Don't forget to save your current show.

Show/Start Show

Starts the show, full colour and full screen. Press the left mouse button to stop the show. After the show, don't forget to reselect the BluffTitler window by clicking somewhere in the window.

You can also play a show from the CLI by using the BT filename as an argument.

Example: BluffTitler:BluffTitler BluffTitler:Shows/Test.BT

This option can be handy if you use BluffTitler in a script based computer presentation.

CopperShaded

BluffTitler uses the famous Amiga Copper chip for a shaded background and to simulate shading of the characters. Use this menu item to turn this effect on/off.

Show/Overscan

Turns overscan on/off. Interlace fills the whole video screen, preventing the boxed computer look

Show/Interlace

Turns interlace on/off. Use interlace for Video and non interlace for a computer monitor.

Show/Dimmed

The Amiga is capable of producing 'Video illegal colours'. This option tries to prevent them by keeping the colour values below 200.

Show/Blanking

Adds 3 seconds blanking before and after the show, letting you start and stop your VCR.

Font/Change Font

Selecting Change Font from the Font menu will produce
the Font Requester
Palet/Change Palet

Selecting Change Palet from the Palet menu will produce
the Palet Requester

1.8 BT Font Requester

Font Requester

Select the menu item 'Change Font' to enter the Font Requester

Width

The horizontal size. The default is 100

Height

The vertical size. The default is 100

If you want a square font set width to 100 and the height to 60

Depth

The depth size. The default is 100. If you want extreme depths, use small widths en heights

Shear

500 means 45 degrees (if Width=Height). The default is 0

Spacing

The space between the characters. Zero means no space. The default is 200
Please note that it is possible to let the characters penetrate into each other.

1.9 BT Palette Editor

Palette Requester

Select the menu item 'Change Palette' to enter the Palette Requester

There are 3 colours that can be changed:

Text

The colour of the text

Top

The top of the screen

Bottom

The bottom of the screen

Blufftitler fades the top colour to the bottom colour. If you want a single background colour, copy the top colour to the the bottom colour.

The current colour can be modified using the Red,Green and Blue sliders.

Select the menu item 'Show/Start Show' to watch the result !
