

# ATB Indy Demo Help Index

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## **ATB Indy Demo Keys:**

Key	Description
Ctrl-A	Toggle Audio
Ctrl-R	Toggle Record Mode
Num Pad +C	Increase Card Speed
Num Pad -	Decrease Car Speed
F6	Toggle Spilt Screen
F10	Add Lag to VGA Mode
1	Driver View
2	Behind Car
3	Chase Camera
4	Track View
5	In Front of Car

## **ATB Indy Demo Joystick Bindings**

The joystick can be used to change the viewpoint of the camera.

## Keystroke Bindings

Key	Description
F1	Show help
ENTER	Enable/disable event playback
ESCAPE	Exit demo
Ctrl+A	Enable/disable audio
Ctrl+B	Enable/disable bilinear filtering
Ctrl+D	Reset application default state
Ctrl+F	Enable/disable fogging
Ctrl+P	Enable/disable performance statistics
Ctrl+Shift+P	Enable extended performance statistics
Ctrl+R	Enable/disable event recording
Shift+S	Enable/disable vertical sync
Ctrl+J	Configure joystick
Ctrl+T	Enable/disable texturing
Ctrl+W	Enable/disable wireframe
BREAK	Print screen

## File Menu Commands

The File menu offers the following commands:

Screen Print	BREAK	Save current screen image to a file
Exit	ESCAPE	Exit the demo

You can exit the demo by either pressing the ESCAPE key or through the exit option on the File menu.

You can capture a sequence of frames by enabling the screen print function (using the BREAK key or the screen print function on the file menu). Each frame rendered after selecting this function is captured and saved to a PPM file with a name of the form `frm####.ppm` where `####` is the number of the currently rendered frame.

## Render Menu Commands

The Render menu offers the following commands:

<u>Fog</u>	Ctrl+F	Enable/Disable Fogging.
<u>Bilinear</u>	Ctrl+B	Enable/Disable Mipmapping.
<u>Wireframe</u>	Ctrl+W	Enable/Disable Wireframe.
<u>Texturing</u>	Ctrl+T	Enable/Disable Texturing.

This menu (or their keyboard equivalents) allow you toggle some of the advanced rendering attributes supported by the 3DFX hardware.

## Event Menu Commands

The Event menu supports the following commands to enable the recording and playback of an sequence of frames

Reset	Ctrl+D	Reset application to initial state
Record	Ctrl+R	Record a sequence of frames
Playback	ENTER	Enable/disable playback of a sequence of events

This menu allows you to record a sequence of input interactions (keystrokes) and later play them back for demonstration or testing purposes.

## Misc Menu Commands

The Misc menu supports the following commands

Joystick Configure	Ctrl+J	Set joystick center and range
Performance	Ctrl+P	Enable/disable performance statistics
Extended Performance	Shift+Ctrl+P	Enable/disable extended performance statistics
VSync	Shift+S	Enable/disable vertical sync
Sound	Ctrl+A	Turn audio on/off

The Misc menu provides a number of options for controlling the demo.

The Joystick configure option invokes the windows 95 joystick calibration and configuration to ensure that your joystick is properly configured.

The performance options allow you display frame rate or frame rate, number of triangles per second, fill rate and texture downloads per second.

The vsync option allows you to enable/disable synchronization with vertical retrace. Disabling synchronization can give faster performance but can cause the image to flicker. Disabling synchronization can be a useful tool to figure out what your peak performance might be.

## Help Menu Commands

The Help menu offers the following commands, which provide you assistance with this application:

<u>Help Topics</u>	F1	Offers you an index to topics on which you can get help.
<u>About</u>		Displays the version number of this application.



