



[BFG Tech]



[WWW.BFGTECH.COM/BIOSHOCK](http://WWW.BFGTECH.COM/BIOSHOCK)



## TABLE OF CONTENTS

Welcome to Rapture	2
Installation	3
System Requirements	3
Controls	5
Weapons	8
ADAM	9
Plasmids	9
Switching Between Weapons and Plasmids	10
Gene Tonics	11
Heads Up Display	12
Main Menu	12
Getting Help	13
Rapture	14
Character Growth	16
Machines	17
Pause Menu	22
Options	22
Status Menu	24
Hacking	26
DX 10 Enhancements	27
Credits	28
Warranties	34
Product Support	37

## WELCOME TO RAPTURE

OPPORTUNITY AWAITS

I am Andrew Ryan and I'm here to ask you a question:  
Is a man not entitled to the sweat of his own brow?

No, says the man in Washington. It belongs to the poor.  
No, says the man in the Vatican. It belongs to God.  
No, says the man in Moscow. It belongs to everyone.

I rejected those answers. Instead, I chose something  
different. I chose the impossible. I chose...

# RAPTURE.

A city where the artist would not fear the censor. Where the scientist  
would not be bound by petty morality. Where the great would not  
be constrained by the small. And with the sweat of your brow,  
Rapture can become your city as well.

## INSTALLATION

Please ensure your computer is connected to the Internet prior to beginning the BioShock installation. Insert the BioShock DVD-ROM into your computer's DVD-ROM drive. BioShock will not work in computers equipped only with CD-ROM drives. Please ensure the DVD-ROM logo is visible on your optical drive's door or panel. The installation process will conduct a one time online check to verify the discs and download an activation file, and will prompt you for an installation code. The code can be found on the back cover of your instruction manual.

## SYSTEM REQUIREMENTS

### Operating Systems:

Windows XP (with Service Pack 2) or Windows Vista

### Minimum System Requirements:

**CPU:** Pentium 4 2.4GHz Single Core processor

**System RAM:** 1GB

**Video Card:** Direct X 9.0c compliant video card with 128MB RAM (NVIDIA 6600 or better/ATI X1300 or better, excluding ATI X1550).

**Sound Card:** 100% direct X 9.0c compatible sound card

**Hard disc space:** 8GB free space

### Recommended System Requirements:

**CPU:** Intel Core 2 Duo processor

**System RAM:** 2GB

**Video card:** **DX9:** Direct X 9.0c compliant video card with 512MB RAM (NVIDIA GeForce 7900 GT or better) **DX10:** NVIDIA GeForce 8600 or better

**Sound Card:** Sound Blaster X-Fi™ series (Optimized for use with Creative Labs EAX ADVANCED HD 4.0 or EAX ADVANCED HD 5.0 compatible sound cards)

**Note:** Game requires Internet connection for activation.

If you experience any installation or gameplay issues, or to see a complete list of supported video cards, please check our support website at [www.2kgames.com/bioshock/support](http://www.2kgames.com/bioshock/support).



## An Important Note Regarding Graphics and Having the Best Possible Experience

BioShock uses some of the most advanced rendering techniques available today for special effects and to achieve real-time performance for a great game playing experience. The game was largely developed and tested on NVIDIA GeForce 6 Series, 7 Series and 8 Series graphics cards and the intended experience can be more fully realized on NVIDIA GeForce 8 Series graphics hardware. On an NVIDIA GeForce 8600 or better you will be able to turn on all of the NVIDIA special effect features at higher resolutions in the game.

## BioShock Sounds Best on Sound Blaster®!

Creative's Sound Blaster X-Fi™ sound card is an EAX ADVANCED HD™-capable audio solution that guarantees the best audio experience. Not only does it deliver immersive EAX ADVANCED HD™ effects with superior audio fidelity, it also gives you high voice counts – playing multiple sounds simultaneously – and ultra fast 3D performance.

The sound effects in BioShock are enhanced with EAX ADVANCED HD™ environmental audio to give you the ultimate audio experience on supported hardware. To experience the full audio effect of BioShock, you must have one of the Sound Blaster X-Fi™ series sound cards.

## CONTROLS

You can play BioShock using either a mouse and keyboard, or a Microsoft Xbox 360 controller for Windows.

### Microsoft Xbox 360 controller for Windows

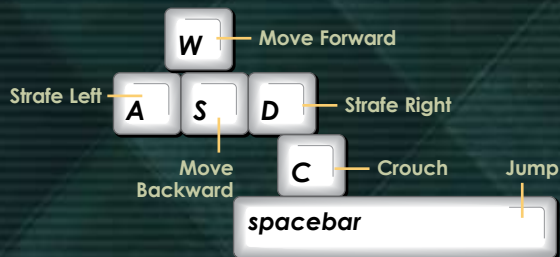


### Reference Table:

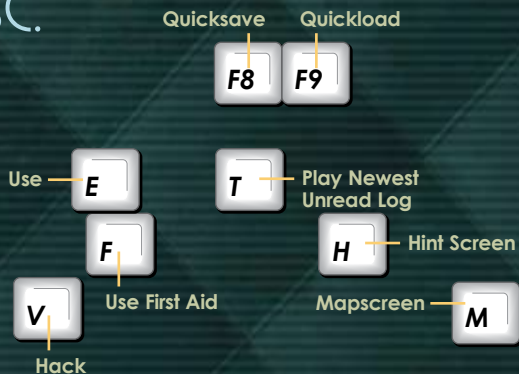
BUTTON	FUNCTION	BUTTON	FUNCTION
	Move		Fire Plasmid
	Look		Switch Weapon (Hold to Activate Selection Radial)
	Reload weapon, use an EVE hypo or start hacking		Fire Weapon
	Jump		Click  Toggle Crouch
	Use First Aid		Click  Toggle Zoom
	Interact		Status Menu
	Change Ammo		Pause Menu
	Switch Plasmid (Hold to Activate Selection Radial)		

## Keyboard and Mouse

### MOVEMENT



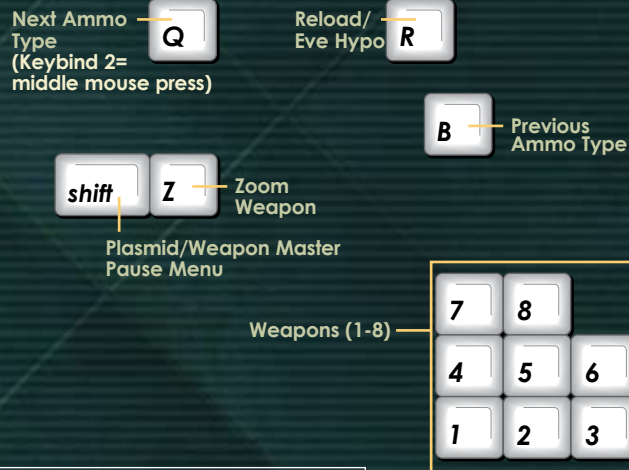
### MISC.



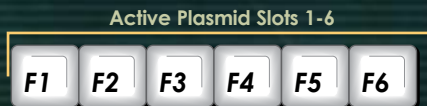
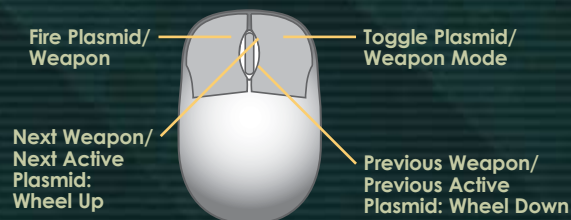
### UNBINDABLE



### EQUIPMENT 1



### EQUIPMENT 2





# WEAPONS

As you progress through the city of Rapture, exploration and events will yield weapons that will help you survive. To fire your current weapon press the **LEFT MOUSE BUTTON** when in Weapon Mode.

## Weapon Switching

As you acquire more weapons, you can easily switch back and forth quickly by using the **MOUSE WHEEL UP\DOWN** when in Weapon Mode or by using the appropriate **NUMBER KEY (1-8)**. When cycling through weapons, icons will appear at the top of the screen showing which weapons are available and their corresponding **NUMBER KEY**. You can also choose to pause the game and select which weapon to equip by pressing **SHIFT** and bringing up the Weapon\Plasmid Selection Screen. Just click the **LEFT MOUSE BUTTON** on the target weapon to equip and resume gameplay. Pressing **SHIFT** or **ESC** will also resume gameplay.



## Ammo

With the exception of the Wrench, each weapon has 3 different ammo types – 1 standard ammo type and then 2 more powerful ammo types that have specific benefits. For example, the Pistol has standard bullets, Armor Piercing Bullets and Anti-Personal Bullets. Try out different ammo as each one has its own special uses within Rapture. Use **Q** and **B** to change ammo on your current weapon.



## Weapon Upgrading

Each weapon can be upgraded twice using Power to the People machines found in the world. Think carefully on your upgrade choice as only one upgrade can be made at each Power to the People machine. Once the upgrade is made, the machine closes permanently. On the plus side, the upgrades are free.

# ADAM

With the world's best and brightest scientists together at the bottom of the sea with no constraints, it was only a matter of time until the population made a number of breakthroughs. The defining breakthrough was ADAM. Generated by a deep sea parasite when it attached to a host, the parasite produced new stem cells healing the host. The new stem cells allowed the host to take on external genetic modifications that take over their normal cell structure (like cancer). These genetic modifications ranged from medical cures to pure vanity changes. The genetic modifications eventually became more militant in nature. The instant genetic modifications of Rapture come in two flavours: Plasmids and Gene Tonics.

# PLASMIDS

Now that you are trapped in Rapture, you must adapt and use Plasmids in order to escape the decaying city. Plasmids actively change or affect the world around you. To fire your current Plasmid press the **LEFT MOUSE BUTTON** when in Plasmid Mode.

## Plasmid Switching

You can have multiple Plasmids equipped at the same time. Cycle through the plasmids you have equipped using the **MOUSE WHEEL UP\DOWN** when in Plasmid Mode or by using the appropriate **FUNCTION KEY (F1-F6)**. When cycling through Plasmids, icons will appear at the top of the screen showing which Plasmids are available and their corresponding **FUNCTION KEY**. You can also choose to pause the game and select which Plasmid to equip by pressing **SHIFT** and bringing up the Weapon\Plasmid Selection Screen. Just click the **LEFT MOUSE BUTTON** on the target Plasmid to equip and resume gameplay Pressing **SHIFT** or **ESC** will also resume gameplay.



## EVE

Plasmids are powered by EVE – a serum that gives you the power to use them. If you have no EVE, you cannot use your Plasmids. EVE can be restored through the use of EVE hypos which can be found scattered through Rapture as well as being purchased at Vending Machines (see Vending Machines, page 18). Some food and drink items can also give you small amounts of EVE when consumed.

## Plasmid Slots

You begin the game with two open Plasmid slots. Each slot allows you to equip a single plasmid, so use them carefully. Additional slots can be obtained by collecting more ADAM (see Gatherer Gardens, page 18).

# SWITCHING BETWEEN WEAPONS AND PLASMIDS

Once you have both a weapon and a Plasmid equipped, you will find that combat will dictate a quick switch between the two more often than not. Switching is easily achieved by simply pressing the **RIGHT MOUSE BUTTON**. For example, if you are currently using your Pistol, pressing the **RIGHT MOUSE BUTTON** will switch to the Plasmid you have equipped. Pressing the **RIGHT MOUSE BUTTON** will switch back to the Pistol. You can also press **SHIFT** to pause the game and bring up the Weapon\Plasmid Selection Screen. Simply click on the target weapon or Plasmid.



# GENE TONICS

Gene Tonics give you enhanced passive abilities, and come in three different flavours. Many, many Gene Tonics have been developed and it's your choice how they will best serve you in your time in Rapture.

## Physical Gene Tonics

Boost your body's natural abilities in incredible ways. For example, certain Gene Tonics might make you resistant to specific types of damage or let you naturally process toxins.

## Engineering Gene Tonics

Enhance your intellect and dexterity to allow you to carry out delicate tasks like hacking into and bypassing Rapture's security system.

## Combat Gene Tonics

Improve your reflexes and strength to boost your combat skills. For example, some combat gene tonics may increase the damage you can deal with a melee weapon or improve your effectiveness with electrical based attacks.



# HEADS UP DISPLAY (HUD)



# MAIN MENU

## Continue

Continue playing a previous game. This option loads the most recent save game.

## New Game

Select to start a brand new BioShock game and choose from one of three variations of difficulty.

- **Easy** – You're new to shooters
- **Medium** – You've played other shooters
- **Hard** – You've played a lot of shooters

## Load Game

Allows you to load a previous saved game and resume your adventure in BioShock.

## Credits

View the credits for the team that brought you BioShock.

## Options

Takes you to the Options Menu (see Options, page 22).

## Exit

Exits the game.

# GETTING HELP

BioShock is a deep game with a lot of things for you to discover. Throughout the game there will be multiple ways to get help in order to fully experience Rapture.

## Adaptive Training

The adaptive training system will remind you about features of the game that you may have missed. If you find the system is telling you about things you already know about, you can turn it off in the options menu (see Options, page 22).

## What Is This?

Looking closely at an item will trigger the "What Is This?" prompt. You can bring up the "What Is This?" help message by pressing **M**. This will give you information on that specific item. You can review these help messages at any time by accessing the Status Menu (see Status Menu, page 24).

## Hints

By clicking the 'Show Hint' button on the Status Menu (see Status Menu, page 24) or by pressing **H** you can get hints on your current goal. These hints will change depending on how much progress you have made in reaching your current objective.

# RAPTURE

## Population of Rapture

The citizens of this forlorn underwater city are unique and often grotesque. Below are the primary classes of the Rapture's remaining population. You will encounter variants of these citizens as you progress further in your explorations.

### SPLICERS

The citizenry of Rapture has taken a horrific turn for the worse. Crazed from overuse of Plasmids and Gene Tonics, they have scattered memories of their lives before, but worse for you, they are extremely aggressive towards anyone unfamiliar.

### LITTLE SISTERS AND BIG DADDIES

In addition to the former citizens, an even stranger pair can be found roaming the halls of Rapture: small girls with large syringes can be seen walking the decks. Though they seem vulnerable in this twisted world, they are followed by large protectors in metal diving suits called Big Daddies. You cannot get to the Little Sisters until you deal with the Big Daddy which is no easy task. But deal with them you must, if you want to obtain ADAM from the Little Sisters in order to survive Rapture.

## Exploration

Exploring the world of Rapture is beneficial in many ways. There are many hidden secrets to find and looting the corpses of the city is essential for the resources you need to survive.

### ITEMS

There are many items that can offer health or EVE boosts upon pick up. Money can also be found in many places allowing you to purchase necessary items from Vending Machines.

- **First Aid Kits** – Replenishes your Health



- **EVE Hypos** – Restores EVE



- **Autohack Tool** – Allows you to instantly succeed in any hack (see Hacking, page 26).

### DIARIES

Diaries can be found throughout Rapture. Diaries are audio messages left by the citizens of Rapture. Some diaries give you information critical to your progress (the game helpfully identifies these with a golden glow). Other diaries simply help you to understand what happened to this once great city or give you clues to hidden secrets.

## Security

Rapture is full of machines programmed to provide airtight security.

### CAMERAS

There are cameras placed everywhere, constantly looking for intruders. If a camera spots you, it will sound a warning tone. If you stay in its sight long enough for it to identify you, it will sound the alarm, summoning one or more Security Bots. Alarms will time out (a counter will show you how much time remains) but the security system will keep sending bots as long as the alarm is active.





## TURRETS

The recent military activity has left many automated Turrets throughout the decks that are still active when confronted by an intruder. These machines are often deadly but surprisingly can be used to your advantage if you can get close enough to hack them (see Hacking, page 26). Be careful though, the turret should be disabled before attempted the hack. A number of Gene Tonics and Plasmids were developed to help people circumvent the Security system in a variety of ways.



## CHARACTER GROWTH

### ADAM and the Little Sisters

ADAM is the lifeblood of Rapture (see ADAM, page 9). With it, more and more Plasmids and Gene Tonics can be "spliced" (integrated into your genetic make-up). If you are going to survive in Rapture, you will need to splice as many Plasmids as you can. Unfortunately, the ADAM can now only be found within the Little Sisters who roam the halls of Rapture, recycling ADAM from corpses under the watchful eye of the Big Daddies. Using long syringes, they drain blood from the bodies and then drink it to recycle the ADAM.

The only way to get a Little Sister is through the Big Daddy. If you can defeat him, you will have to choose how to deal with the Little Sister. You can Harvest the ADAM from her, a dangerous process that risks her life, or you can Rescue the Little Sister by killing the parasite inside her that enables her to process ADAM. You will be able to extract some ADAM from this parasite, but not as much as if you had harvested the ADAM directly. Nothing is free in Rapture and even this choice has a cost.

If you do not collect and spend ADAM, the game can get extremely difficult. If you have failed to collect ADAM from Little Sisters on earlier levels you can return to those levels at any time to tackle the Big Daddies.

Once you have acquired some ADAM, you can use it in any of the Gatherer's Garden machines found throughout Rapture (see Gatherer's Gardens, page 18).

## Researching Rapture's Inhabitants

Another significant source of character growth is through the researching the inhabitants of Rapture using the Camera. During your adventure in Rapture, you may come across a special research camera that the law enforcement of the city used to learn the abilities of people who had spliced a lot of plasmids. You can use this camera to take photos of the people and security elements. The camera will rate your photograph and collect data on the enemy. When the camera has learned something, you will be granted bonuses like increased damage versus those enemies or even hidden Gene Tonics! The more photos you take, the quicker you will get the rewards.

The research camera is a significant source of character growth that could be the difference between death and survival.

## MACHINES

There are a number of machines in Rapture that offer invaluable services or resources.

### Gene Banks

Gene Banks are stations that allow you to reconfigure your equipped Plasmids and Gene Tonics. It will show all the Plasmids and Gene Tonics you have collected until that point and allow you to choose which are equipped or not. Unequipped Plasmids and Tonics are kept in storage for later retrieval at any other Gene Bank.



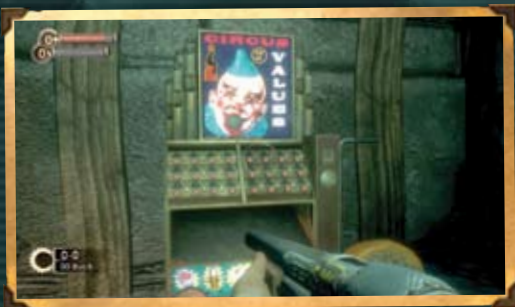
## Gatherer Gardens

These machines take ADAM and can be used to purchase more Plasmid or Gene Tonic slots, to increase your maximum Health or maximum EVE, or even to acquire new Plasmids and Gene Tonics.



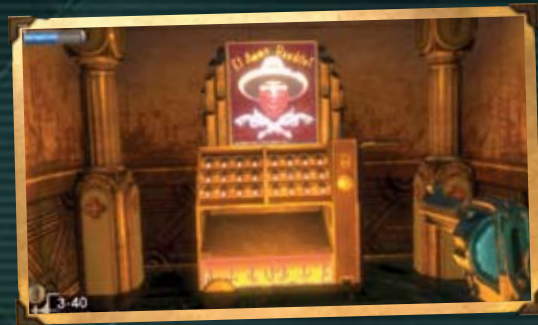
## Vending Machines

These machines are full of resources for you to purchase such as ammunition, First Aid kits and EVE hypos. Vending Machines can also be hacked, which will give you discounted prices on the available items and even open up special items for sale.



## Ammo Banditos

These are ammo-only Vending Machines.



## Vita-Chambers

These chambers will revive you if are ever killed within Rapture. There are usually a couple of them in each area.





## Bot Shutdown Panels

These can be used to deactivate security bots that have been triggered by an alarm. Once shutdown, bots can be hacked to become friendly to the player.



## Health Stations

Health Stations are where you can replenish your health completely - for a price. If you hack a health station, you can get your health filled for a lower price and it will damage any aggressor who uses that machine.



## Power to the People Machines

These allow you to upgrade your weapons. These upgrades are free but each machine will only give one upgrade. Once you have chosen your upgrade, the machine closes permanently.



## U-Invent Machine

These stations allow you to craft new items from the odds and ends you find throughout Rapture. Glue, rubber hoses and screws are just some of the materials you can collect that can be used to create ammo, hacking tools and even Gene Tonics. Most of these items can only be acquired through the U-Invent Machines.



# PAUSE MENU

At any time you can bring up the pause menu by pressing **ESC**. Here you can view how much money and ADAM you currently have, as well as see how many Little Sisters are left in the current level. Other options while in the pause menu include:

## Resume

Resumes the current game.

## Save

Saves your game progress at the current point. Note that you can save anywhere at anytime. The game will also autosave after loading an area.

## Load

Load a previously saved game.

## Options

Takes you to the Options Menu (see Options below).

## Quit to Main Menu

Leave the current game and access the Main Menu.

## Quit to Windows

Quit the game and return to Windows

# OPTIONS

Adjust the current game setup.

## Graphics Options

### RESOLUTION

Choose the screen resolution appropriate to your system. A higher screen resolution requires higher system specs.

### WINDOWED MODE

Toggle between full screen and windowed mode.

### VERTICAL SYNC

**On:** Framerate is locked at 60, 30, 20, 15. No screen tearing.

**Off:** Framerate is not locked so is usually higher. Screen tearing may occur.

## SHADOW MAPS

Dynamic objects and characters cast shadows

## HIGH DETAIL POST PROCESSING

Bloom effects: bright lights and bright surfaces bloom out.

## HIGH DETAIL SHADERS

This enables specular light calculations. Without specular (light that reflects from the surface and give highlights), shiny surfaces should look significantly less shiny.

## REAL TIME REFLECTION

Certain water surfaces have real-time reflection. When it is disabled, those water surfaces will use cubemap approximations.

## DISTORTIONS

Glass and waterfalls distort the background.

## FORCE GLOBAL LIGHTING

This enables a one-pass inaccurate lighting method for dynamic objects, characters and dynamic lights. This will also mean that characters and dynamic objects don't receive shadows (although they can still cast shadows if shadow maps are enabled). This is most observable on characters. As they walk around the level, light influences will pop on/off when they approach/leave lights.

## GRAPHICS QUALITY

Graphics quality has 3 positions that will change the overall graphics settings in this options screen.

## ACTOR DETAIL

As it is lowered, it will remove decoration objects in the level. These are things like god-rays. Also some effects won't show up or spawn in low actor detail settings. Changes will only take effect when the game is reloaded.

## TEXTURE DETAIL

As it is lowered, textures get more blurry (even when fully streamed in).

## ADJUST BRIGHTNESS

Change the game's brightness

## Customize Controls

### MOUSE SENSITIVITY

Adjust mouse sensitivity.

### INVERT LOOK

Invert mouse.

### VIBRATION

Toggle vibration on/off for the Xbox 360 controller



### USE XBOX 360 CONTROLLER

Use the Microsoft Xbox 360 Controller for Windows instead of a keyboard/mouse.

### CUSTOMIZE KEYS

Customize the current keybinds in the game.

## Audio Options

### AUDIO MODE

Change the current audio mode to match your system

### USE REVERB

Toggle reverb on/off.

### SOUND EFFECTS VOLUME

Adjust the volume for sound effects.

### MUSIC VOLUME

Adjust the volume for the music.

### VOICE OVER VOLUME

Adjust the volume for the game dialog.

## Gameplay Options

### DIFFICULTY

Change the current difficulty setting.

### ADAPTIVE TRAINING

Toggle Adaptive Training messages on/off.

### DIALOG SUBTITLES

Turn on/off subtitles for in-game dialog

### ART SUBTITLES

Toggle subtitles for signs and other in-game graphics.

### QUEST ARROW

Toggle the quest arrow on/off.

### ITEM SHIMMER

Switch off the shimmer effect that highlights objects you can pick up

### USABLE OBJECT HIGHLIGHT

Turn off the golden shader that highlights usable objects

## STATUS MENU

You can access the Status Menu by pressing the **M** button. The Status Menu has a number of tabs which can be selected by clicking on the appropriate box in the bottom right hand corner. The tabs in the Status Menu are:

## Map

This tab shows a map of the current level. You can go directly here by pressing **M**. The map shows your position and the location of your current goal, if known. You can zoom out from your current position in the map by clicking the corresponding buttons.



## Goals

The Goals tab shows a complete list of your current goals. When you have multiple goals that you could be working on, you can switch which goal is active here by selecting one with the **LEFT MOUSE BUTTON**. Goals that currently can't be worked on cannot be made active.

## Messages

The Messages tab allows you replay any radio messages you've heard or diaries that you've picked up.

## Help

The Help tab organizes all relevant help messages and is an invaluable resource for information about many of the game systems and items.

# HACKING

With all the machinery and brilliant minds in Rapture, it's not surprising that someone eventually figured out how to reprogram the machines with Hacking. By successfully redirecting the circuit flow, you can change the current state of the machine. The ability to Hack is present on almost all the machines found in Rapture. Hacking can open locked safes, and can even be used to reprogram the security system to view you as a friend, and your enemies as the intruders to be attacked. If a machine can be Hacked, a prompt will appear when you are next to the machine. Pressing **V** will bring you to the Hacking menu that will allow you to evaluate the difficulty of the Hack as well as whether you want to Buyout or use a Autohack Tool to complete the hack (See below).

Hacking can be completed in 3 different ways.

## How To Hack?

During the Hack, the object is to redirect the circuit flow by uncovering tiles and swapping the pipes you need to move the circuit flow to the exit tile on the board. Watch out for hazard pieces that can increase the speed of the circuit fluid, cause an electrical overload, or even sound a security alarm. The benefit of succeeding is that you gain the benefits for free, but the risk of physical damage is high.

If you are finding Hacking is getting very difficult, it is time to spend your ADAM to upgrade your Engineering track with more slots or to purchase more engineering tonics.



## Hacking Buyout

Hacking can also be achieved by paying a premium price. You can spend your money to override the machine. The more difficult the hack the more money it costs. Splicing Engineering Gene Tonics can reduce the buyout costs.

## Autohack Tool

Finally, if you are lucky, you can find an Autohack Tool that immediately hacks the machine with no issues. When at the hacking evaluation screen click on the Autohack button to immediately succeed at the hack with no risk. Autohack Tools are used up in the process.

# DX10 ENHANCEMENTS

The DX10 features are enabled through a graphics option entitled "DX 10 detail surfaces." It's disabled in DX9 and on by default in DX10.

Enabling it turns out the various enhancements for DX10 such as dynamic water ripples, soft edges for particles, and crisper shadow edges.



# CREDITS

## Developed by 2K Boston and 2K Australia

Story, Writing, and  
Creative Direction  
**Ken Levine**

Director of Product  
Development  
**Jonathan Chey**

Project Lead  
**Alyssa Finley**

Art Team

Art Director  
**Scott Sinclair**

Lead Animator  
**Shawn Robertson**

Acting Environment Leads  
**Hogarth De La Plante**  
**Jay Kyburz**

Performance Lead  
**Andrew James**

Animation  
**Grant Chang**  
**Ben Hutchings**  
**Jonathan Mangagil**

Concept Art  
**Scott Sinclair**  
**Mauricio Tejerina**  
**Robb Waters**  
**Nate Wells**

Effects Artist  
**Stephen Alexander**

Level Builders  
**Alex Boylan**  
**Hogarth De La Plante**  
**Jay Kyburz**  
**Christian Martinez**  
**Jamie McNulty**  
**Nate Wells**

Modelers  
**Lorne Brooks**  
**Chris Chaproniere**  
**Brendan George**  
**Dan Keating**  
**Chad King**  
**James Sharpe**  
**John Travers**

**Michael Swiderek**  
**Mauricio Tejerina**  
**Joseph Yang**  
**Laura Zimmermann**

UI Art  
**Ben Shore**

Additional Concept Art  
**Lorne Brooks**  
**Hogarth De La Plante**  
**Daniel Keating**  
**Chad King**  
**Christian Martinez**  
**Shawn Robertson**  
**James Sharpe**  
**Joseph Yang**  
**Laura Zimmermann**

Additional Effects  
**Chad King**

Additional Animation  
**Steve Chao**  
**Ed Lynch**

Additional UI Support  
**Alex Boylan**  
**Jake Etgeton**  
**Christian Martinez**  
**Robb Waters**  
**Michael Swiderek**  
**Mauricio Tejerina**  
**Laura Zimmermann**

Additional Art  
**Ray Leung**  
**Eric Lawson**  
**Shaun Stephenson**  
**Steve Kimura**  
**John Torres**  
**Jed Wahl**

### Design Team

Lead Designer  
**Paul Hellquist**

Lead Level Designer  
**Bill Gardner**

Designers  
**Dorian Hart**  
**Alexx Kay**  
**JP LeBreton**  
**Jonathan Pelling**  
**Dean Tate**  
**Jordan Thomas**

Additional Design  
**Stephen Alexander**  
**Andrew "Ant" Orman**  
**Ed Orman**  
**Ian Vogel**

Additional Story/Writing  
**Paul Hellquist**  
**Alexx Kay**  
**Joe McDonagh**  
**Susan O'Connor**  
**Emily Ridgway**  
**Justin Sonnekalb**

Additional Ingame Writing  
**Tom Bartlett**  
**Dorian Hart**

### Programming Team

Lead Programmer  
**Christopher Kline**

Technical Director  
**Rowan Wyborn**

AI Lead  
**John Abercrombie**

AI/Animation  
Programming  
**Marc Atkin**  
**Darren Lafreniere**

Audio/Streaming  
Programming  
**Carlos Cuello**

Gameplay Programming  
**Ian Bond**  
**Dan Kaplan**  
**Lida Tang**

Graphics Programming  
**Jesse Johnson**

UI Programming  
**Jake Etgeton**

Physics Programming  
**Joshua Downer**

Engine Development Team  
**Robert Black**  
**Simon Eschbach**  
**Weicheng Fang**  
**Daniel James Lamb**  
**Ryan Lancaster**  
**Mathi Nagarajan**  
**Martin Slater**

Additional Programming  
**Karl Burdack**  
**Terrance Cohen**  
**Michael James**

### Production Team

Associate Producer  
**Joe Faulstick**

Assistant Producers  
**Kate Kellogg**  
**Keith Shetler**  
**Justin Sonnekalb**

Production Assistant/  
Localization  
**Timothy Crosby**

Additional Production  
Support  
**Tony Oakden**  
**James Sutherland**

Sound Team

Sound Designer  
**Emily Ridgway**

Sound Assistants  
**Pat Balthrop**  
**Justin Mullins**

Audio Consultant  
**Eric Brosius**

Quality Assurance

QA Manager  
**Joe Faulstick**

Assistant Leads  
**Nick Garner**  
**Ryan Oddey**  
**Sara Verrilli**

Testers  
**Tom Bartlett**  
**Kirk Bezio**  
**Ryan Buckley**  
**Matt Cabral**  
**Joe Canadas**  
**Frank DaPonte**  
**Jakub (Jake) Drobowiecki**  
**Chris Enright**  
**Russell Jacobson**  
**Dan Lewis**  
**Casey Malone**  
**Justin Pappas**  
**Mike Pfundt**  
**Jason Silva**

Additional Testing  
**Jason O'Brien**  
**Eric Kirchberg**  
**Brendan Kirk**  
**Justin Sonnekalb**

### Operations Team

Director of Operations  
**Emily Brinkert**

Director of Operations,  
Australia  
**Will Marshall**

IT Manager Australia  
**Gareth Walters**

IT Manager Boston  
**Geoff Graves**

IT Assistants  
**Raymond Holbrook**  
**Justin Richards**

Team Support  
**Phil Frechette**

HR Manager, Australia  
**Ali Hinton**

Operational Support  
**Kate Kellogg**  
**Joe McDonagh**

Office Manager, Australia  
**Chelsea Kyburz**

Additional Operational  
Support  
**Devin Bean**  
**Collin Davis**  
**Keri Norris**  
**David O'Toole**

Marketing/PR Support  
Team  
**Joe Faulstick**  
**Joe McDonagh**  
**Nate Wells**

Focus Test Wrangler  
**Tom Bartlett**

Additional Support  
**Richard Albon**  
**Shamus Baker**  
**David Beswick**  
**Ben Driehuis**  
**Joakim Hagdahl**  
**Andrew Ley**  
**David March**  
**Jamie O'Toole**  
**Linus Tan**  
**Jarrad Woods**

## 2K Publishing

President  
**Christoph Hartmann**

C.O.O.  
**David Ismailer**

VP Product Development  
**Greg Gobbi**

Development Manager  
**Jon Payne**

Technical Director  
**Tim Perry**

Producers  
**Anthony DeLuca**  
**Melissa Miller**  
**James Daly**

Associate Producer  
**Jason Bergman**

VP Marketing  
**Sarah Anderson**

Director of Marketing  
**Tom Bass**

Senior Product Manager/  
Promotions  
**Matt Kassin**

Associate Product  
Manager/Promotions  
**Alison Moy**

Marketing Coordinator  
**Eric Monacelli**

Senior Production  
Manager  
**Jack Scalici**

Production Manager  
**Lydia Jenner**

Director of Public Relations  
**Marcelyn Ditter**

Art Director,  
Creative Services  
**Lesley Zinn**

Web Manager  
**Gabe Abarcar**

Web Designer  
**John Kauderer**

Community Manager  
**Elizabeth Tobey**

Game Analysts  
**Walt Williams**

Jim Yang  
Alex Hartpence

Media Specialist  
Larry Stephens

Director of Operations  
Dorian Rehfield

VP Sales & Licensing  
Steve Glickstein

Strategic Sales and  
Licensing Manager  
Paul Crockett

Quality Assurance Director  
Lawrence Durham

Lead Tester  
Angel Gonzalez

Senior Tester  
Steve Allstead  
Garrett Bittner

Quality Assurance Team

Aaron Adler  
Dimitri Becerra  
Antoine Bohannon

Larry Bolden  
Shant Boyatzian  
Alex Bujold

Ken Carr  
Evan Case

David Clayton-Ready  
Stephen Detoma

Brain Erzen  
Raymond Evans

Josh Ewing  
Derrick Flot

Adam Graziano  
Tim Grimaud

Micah Grossman  
Neale Johnson

Jason Jury  
Adrin Khachikian

James Kovacs  
Lincoln Le

James McKay  
Tony McNeil

Darren Miller-Pfeuffer  
Mark Nelson

Marc Perret  
Ella Preger

Jamie Quinones  
David Sanders

Jeremy Schulze  
Rheema Shadid

Danny Smith  
Nick Sporich

Kevin Strohmaier

Fred Yun

Standards Lead  
Michael Greening

Standards Senior  
Paul Diaz

Standards Team  
Andrew Garrett  
Eric Lane  
Matt Newhouse

Night Lead  
Dan Eguia

Night Senior  
Lori Durrant

## 2K International

General Manager  
Neil Ralley

International Marketing  
Director  
Matthias Wehner

International Product  
Manager  
Ben Wyer-Roberts

International PR Director  
Markus Wilding

International PR Manager  
Karl Unterholzner

Licensing Director  
Claire Roberts

International Marketing  
Assistant  
Sam Woodward

## 2K International Product Development

Development Manager  
Fernando Melo

Senior International  
Producer  
Daniel Bailie

International Producer  
Sajjad Majid

Localisation Manager  
Scott Morrow

External Localisation  
Teams

Around The Word  
Coda Entertainment  
Synthesis International Srl

Synthesis Iberia

## 2K International Quality Assurance

QA Manager  
Chris Rowley

Functionality Supervisor  
Domenic Giannone

Localisation Supervisor  
Iain Willows

Mastering Engineer  
Wayne Boyce

Lead QA Technician  
Steve Manners

Localisation Project Lead  
Terryll Garrison

QA Technicians -  
Functionality

Alex Cox  
Michael Bunning  
Denver Cockell  
Arsenio Formoso  
Natalie Holkham  
Rob Jenkins  
Russell Keawpanna  
Ian Moore  
Sebastian Belton

QA Technicians -  
Localisation

Nicolas Adam  
Marco Angluoni  
Alessandro Cilano  
Adele Dalena  
Sebastian Frank  
Alessandro Gatti  
Santiago Garcia  
Beatriz Gonzalez  
Pauline Martyn  
Didier Pruvot  
Hugo Sieiro  
Jose Miñana

Design Team  
James Crocker  
James Quinlan  
Tom Baker

2K International Team

Adrian Lawton  
Andreas Traxler  
Anja Wagner  
Barbara Ruocco  
Ben Seccombe  
Cristiana Colombo  
Fabio Gusmaroli

Jochen Till  
Jose Antonio Muñoz-Calero  
Fernandez  
Maikel van Dijk  
Olivier Troit  
Rob Donald  
Sandra Melero  
Warner Guinée

Take 2 Publishing Team  
Anthony Dodd  
Corine Checko  
Isabelle Jacober  
James Ellingford  
Magda Bona  
Martin Alway  
Nguyen Doan  
Nicole Mucumbitsi  
Paris Vidalis  
Paul Hooper

## Music

Orchestra

Solo Violin  
Martin chalfour

Violins  
Belinda Broughton, Darius  
Campo, Peter Kent, Pip  
Clark, Kirsten Fife, Barbara  
Porter, Marcy Vaj, Pat  
Johnson, Miran Kojian, Sara  
Parkins, Pam Gates, Carolyn  
Osborne, Anna Kostyuchek,  
Becky Bunnell, Eve Butler,  
Tiffany Yi Hu, Jennifer  
Munday, Hiam Shtrum

Cello  
Armen Ksajikian, Suzie  
Katayama, David Low,  
Rudy Stein, Miguel Martinez,  
Cecilia Tsan, Paula  
Hochhalter, John Walz,  
Trevor Handy, Tina Soule,  
Sebastian Toettcher

Piano  
Bryan Pezzone

Horn  
Joe Meyer

Recording Engineer  
Dan Blessinger

Music Contractor and  
Copyist  
Ross DeRoche

Tuba  
Ross DeRoche

Singer on Anthem  
Rebecca Sjöwall

Orchestrations  
Garry Schyman & Desha  
Dunnahee

Conductor  
Garry Schyman

Assistant to  
Garry Schyman  
Tim Helisek

## VO Production

Telsey and Co.  
Carrie Rosson  
Tiffany Canfield  
David Vaccari

Star-Trax  
Vince DePaola  
Ali Aron

POP Sound

Producer  
Dawn Redmann

Original Dialog Mixer  
Michael Miller

Original Dialog Recordist  
Courtney Bishop

Original Dialog Mixer  
Stephen Dickson

Original Dialog Recordist  
Nick Bozzone

Original Dialog Mixer  
Zac Fisher

Original Dialog Recordist  
Kaynaz Shroff

Original Dialog Mixer  
Mitch Dorf

Original Dialog Recordist  
Gavin McNiece

Original Dialog Mixer  
Tim West

Original Dialog Recordist  
Brett Rothfeld

Actors

John Ahlin, Greg Baldwin,  
Jane Beller, Susanne  
Blakeslee, Anne Bobby,  
Bless Bowden, Tony  
Chioldes, Shavonne  
Conroy, Ritchie Coster,  
Betsy Folds, Joshua Gomez,  
Cassandra Grae, Ray Guth,  
JG Hertzler, Peter Francis  
James, Juliet Landau, Anne  
Meisels, Raynor Scheine  
Miriam Shor, Adam Sietz,  
Armin Shimerman, Peter  
Siragusa, T. Ryder Smith,  
Stephen Stanton, Fred  
Tataschiere, Marcelo Tubert,  
Michael Villani, Gordon  
Joseph Weiss, James  
Yaegashi, Catherine Zambri

Fox Studios  
Rick Fox, Michael Weber,  
Tim Schmidt, Cal Halter,  
Keith Fox, Dustin Smith,  
Joe Schmidt

Special Thanks  
Access Communications,  
Bearcage, Marc Berman,  
Big Solutions, Bob Blau,  
Blur, Alice Chuang,  
Scott DeFreitas, dSonic,  
David Edwards, Dan  
Einzig, Demiurge Studios,  
Inc., Epic, EyeBall NYC,  
EyeCandy Studios, FMOD  
EX Sound System, Firelight  
Technologies, Julie Fogerson,  
Rick Fox, David Gershik,  
Havok, KD&E, Jenn Kolbe,  
Magid, Microsoft, Adam  
Meyer, Xenia Mul,  
LampLighter Studios, Lewis  
PR, James Pacquing, Plastic  
Wax, Rapan, RDA, Red Eye  
Studios - Hoffman Estates,  
Illinois, Take-Two Sales,  
Drew Smith, Natalya Wilson



# WARRANTY

This LIMITED SOFTWARE WARRANTY AND LICENSE AGREEMENT (this "Agreement"), including the Limited Warranty and other special provisions, is a legal agreement between You (either an individual or an entity) and 2K Europe (the "Owner") regarding this software product and the materials contained therein and related thereto. Your act of installing and/or otherwise using the software constitutes Your agreement to be bound by the terms of this Agreement. If You do not agree to the terms of this Agreement, promptly return the software packaging and the accompanying materials (including any hardware, manuals, other written materials and packaging) to the place You obtained them, along with your receipt, for a full refund.

Grant of Limited Non-Exclusive License. This Agreement permits You to use one (1) copy of the software program(s) (the "SOFTWARE") included in this package for your personal use on a single home or portable computer. The SOFTWARE is in "use" on a computer when it is loaded into temporary memory (i.e., RAM) or installed into the permanent memory (e.g., hard disk, CD-ROM, or other storage device) of that computer. Installation on a network server is strictly prohibited, except under a special and separate network license obtained from Owner; this Agreement shall not serve as such necessary special network license. Installation on a network server constitutes "use" that must comply with the terms of this Agreement. This license is not a sale of the original SOFTWARE or any copy thereof.

Intellectual Property Ownership. Owner retains all right, title and interest to this SOFTWARE and the accompanying manual(s), packaging and other written materials (collectively, the "ACCOMPANYING MATERIALS"), including, but not limited to, all copyrights, trademarks, trade secrets, trade names, proprietary rights, patents, titles, computer codes, audiovisual effects, themes, characters, character names, stories, dialog, settings, artwork, sounds effects, musical works, and moral rights. The SOFTWARE and ACCOMPANYING MATERIALS are protected by United States copyright law and applicable copyright laws and treaties throughout the World. All rights are reserved. The SOFTWARE and ACCOMPANYING MATERIALS may not be copied or reproduced in any manner or medium, in whole or in part, without prior written consent from Owner. Any persons copying or reproducing all or any portion of the SOFTWARE or ACCOMPANYING MATERIALS, in any manner or medium, will be willfully violating the copyright laws and may be subject to civil or criminal penalties.

SOFTWARE Backup or Archiving. After You install the SOFTWARE into the permanent memory of a computer, You may keep and use the original disk(s) and/or CD-ROM (the "Storage Media") only for backup or archival purposes.

Restrictions. Other than as provided specifically in this Agreement, You are not permitted to copy or otherwise reproduce the SOFTWARE or ACCOMPANYING MATERIALS; modify or prepare derivative copies based on the SOFTWARE or ACCOMPANYING MATERIALS; distribute copies of the SOFTWARE or ACCOMPANYING MATERIALS by sale or other transfer of ownership; rent, lease, or lend the SOFTWARE or ACCOMPANYING MATERIALS; or to display the SOFTWARE or ACCOMPANYING MATERIALS publicly. You are expressly prohibited from transmitting the SOFTWARE or ACCOMPANYING MATERIALS electronically or otherwise over the Internet or through any other media or to any other party. You are expressly prohibited from selling or using any characters or other components of the game for any purpose. You are expressly prohibited from selling or otherwise profiting from any levels, add-on packs, sequels or other items based upon or related to the SOFTWARE and ACCOMPANYING MATERIALS or created by utilization of the SOFTWARE's level editor. If you create levels, add-on packs, sequels or other items to the Software using the SOFTWARE's level editor, including the construction of new levels (collectively, the "Modifications"), you are subject to the following restrictions: (i) the SOFTWARE's level editor and associated development tools and documentation (collectively "SDK") are considered separate from the SOFTWARE in the sense that they are not guaranteed or supported by the OWNER. However, the OWNER retains all copyrights and intellectual rights to the SDK, as stated in this license. (ii) your Modifications must require a full, registered copy of the Software to run; (iii) you may not distribute a Modification that contains an executable file which has been changed or modified in any way; (iv) your Modifications must not contain any libelous, defamatory or other illegal material, material that is scandalous or invades the rights of privacy or publicity of any third party, or contain any trademarks, copyright-protected work or other property of third parties; (v) your Modifications must be distributed solely for free. Neither you nor any other person or party may sell them to anyone, commercially exploit them in any way, or charge anyone for using them without a license from the OWNER. OWNER encourages non-commercial distribution of quality Modifications. If you desire to commercially distribute your Modifications, please contact OWNER at the address below for the terms and conditions under which the Modifications may be commercially distributed; (vi) your Modifications shall not be supported by the OWNER. The prohibitions and restrictions in this Section apply to anyone in possession of the Software or any of your Modifications. YOU ARE NOT PERMITTED TO REVERSE ENGINEER, DECOMPILE OR DISASSEMBLE THE SOFTWARE IN ANY WAY. Any copying of the SOFTWARE or ACCOMPANYING MATERIALS not specifically allowed in this Agreement is a violation of this Agreement.

## LIMITED WARRANTY AND WARRANTY DISCLAIMERS.

LIMITED WARRANTY. Owner warrants that the original Storage Media holding the SOFTWARE is free from defects in materials and workmanship under normal use and service for a period of ninety (90) days from the date of purchase as evidenced by Your receipt. If for any reason You find defects in the Storage Media, or if you are unable to install the SOFTWARE on your home or portable computer, You may return the SOFTWARE and all ACCOMPANYING MATERIALS to the place You obtained it for a full refund. This limited warranty does not apply if You have damaged the SOFTWARE by accident or abuse.

CUSTOMER'S REMEDY. Your exclusive remedies, and the entire liability of Owner, shall be (i) replacement of any original Storage Media with the SOFTWARE or (ii) full refund of the price paid for this SOFTWARE. By opening the sealed software packaging, installing and/or otherwise using the SOFTWARE or ACCOMPANYING MATERIALS, you hereby agree to waive any and all other remedies you may have at law or in equity. Any such remedies you may not waive as a matter of public policy, you hereby assign, or shall assign as they become available, over to Owner.

WARRANTY DISCLAIMERS. EXCEPT FOR THE EXPRESS LIMITED WARRANTY SET FORTH ABOVE, OWNER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, CONCERNING THE PRODUCTS OR ANY COMPONENT PART THEREOF. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY APPLICABLE LAW ARE LIMITED IN ALL RESPECTS TO THE FULLEST EXTENT ALLOWED AND TO THE DURATION OF THE LIMITED WARRANTY. OWNER DOES NOT REPRESENT, WARRANT OR GUARANTEE THE QUALITY OR THE PERFORMANCE OF THE SOFTWARE OR ACCOMPANYING MATERIALS OTHER THAN AS SET FORTH IN THE ABOVE LIMITED WARRANTY. OWNER ALSO DOES NOT REPRESENT, WARRANT OR GUARANTEE THAT THE SOFTWARE OR ACCOMPANYING MATERIALS' CAPABILITIES WILL MEET YOUR NEEDS OR THAT THE SOFTWARE

WILL CONTINUOUSLY OPERATE, BE ERROR FREE, OR THAT PROBLEMS WILL BE CORRECTED. OWNER DOES NOT REPRESENT THAT THE SOFTWARE WILL OPERATE IN A MULTI-USER ENVIRONMENT. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY OWNER, ITS DEALERS, DISTRIBUTORS, DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, CONTRACTORS OR AFFILIATES SHALL CREATE ANY OTHER WARRANTY OR EXTEND OR EXPAND THE SCOPE OF THIS WARRANTY. YOU MAY NOT RELY ON ANY SUCH INFORMATION OR ADVICE. SOME TERRITORIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM TERRITORY TO TERRITORY.

LIABILITY LIMITATION. To the maximum extent permitted by applicable law, and regardless of whether any remedy set forth herein fails of its essential purpose, IN NO EVENT WILL OWNER, ITS DIRECTORS, OFFICERS, EMPLOYEES, AGENTS OR AFFILIATES NOR ANYONE ELSE INVOLVED IN THE DEVELOPMENT, MANUFACTURE OR DISTRIBUTION OF THE SOFTWARE OR THE ACCOMPANYING MATERIALS BE LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING WITHOUT LIMITATION, DIRECT OR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR PERSONAL INJURY, PERSONAL PROPERTY, LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, LOSS OF TEXT OR DATA STORED IN OR USED WITH THE SOFTWARE INCLUDING THE COST OF RECOVERING OR REPRODUCING THE TEXT OR DATA, OR ANY OTHER PECUNIARY LOSS, ARISING FROM OR OUT OF THE USE OR INABILITY TO USE THIS SOFTWARE. THIS LIABILITY LIMITATION APPLIES EVEN IF YOU OR ANYONE ELSE HAS ADVISED OWNER OR ANY OF ITS AUTHORIZED REPRESENTATIVES OF THE POSSIBILITY OF SUCH DAMAGES. EVEN IF SUCH IS CAUSED BY, ARISES OUT OF OR RESULTS FROM THE ORDINARY, STRICT, SOLE OR CONTRIBUTORY NEGLIGENCE OF OWNER OR ITS DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, CONTRACTORS OR AFFILIATES. SOME TERRITORIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Product Support and Updates. This SOFTWARE is intended to be user-friendly and limited product support is provided by Owner as specified in the ACCOMPANYING MATERIALS.

Jurisdiction. ENGLISH LAWS GOVERN THIS AGREEMENT, REGARDLESS OF EACH COUNTRY'S CHOICE OF LAW PRINCIPLES, WITH A FORUM AND VENUE OF LONDON, ENGLAND. This Agreement may be modified only by a written instrument specifying the modification and executed by both parties. In the event that any provision of this Agreement shall be held to be unenforceable, such provision shall be enforced to the greatest possible extent, with the other provisions of this Agreement to remain in full force and effect.

Entire Agreement. This Agreement represents the entire agreement between the parties, and supersedes any oral or written communications, proposals or prior agreements between the parties or any dealers, distributors, agents or employees.

Termination. This Agreement is valid until terminated.

This Agreement ceases automatically (without any form of notice) if You do not comply with any Agreement provision. You can also end this Agreement by destroying the SOFTWARE and ACCOMPANYING MATERIALS and all copies and reproductions of the SOFTWARE and ACCOMPANYING MATERIALS and deleting and permanently purging the SOFTWARE from any client server or computer on which it has been installed. Program Transfer. You may permanently transfer all of your rights under this Agreement, provided that the recipient agrees to all of the terms of this Agreement, and You agree to transfer all ACCOMPANYING MATERIALS and related documents and components and remove the SOFTWARE from Your computer prior. Transferring the SOFTWARE automatically terminates Your license under this Agreement. Equitable Remedies You hereby agree that if the terms of this Agreement are not specifically enforced, Owner will be irreparably damaged, and therefore you agree that Owner shall be entitled, without bond, other security, proof of damages, to appropriate equitable remedies with respect any of this Agreement, in addition to any other available remedies.

Owner. If You have any questions regarding this Agreement, the enclosed materials, or otherwise, please contact in writing:

2K Europe, Saxon House, 2-4 Victoria Street, Windsor, Berkshire, SL4 1EN, United Kingdom



# CUSTOMER SUPPORT

## HINT LINE INFORMATION

NOTE : DO NOT CONTACT TAKE-TWO'S TECHNICAL SUPPORT STAFF IN SEARCH OF GAME HINTS.

They are neither permitted nor qualified to supply such information. Hints on some of our more difficult games are available by calling the Hint Line number printed below.

For game strategies and hints in the United Kingdom, call: 0906 751 4151

Calls are charged at 75p per min at all times, ask bill payer's permission, caller must be aged 16 years or over. Hint Line is available between 8am and 10pm, 7 days a week (excluding Bank Holidays).

## TECHNICAL SUPPORT

Every effort has been made to make our products as compatible with current hardware as possible. However if you are experiencing problems with running of one of our titles you may contact our Technical Support staff in one of several ways:

Before contacting Technical Support, please be prepared. In order to assist you as efficiently as possible, we will need to know as much information about your computer and the problem as possible. If you can not provide the information in the check list below, then please contact your computer manufacturers technical support department before contacting Take 2 Interactive, otherwise we will be unable to solve your problem.

The information that we will require is as follows :

### Contact Details

Your name  
e-mail address, daytime telephone number or postal address

### System Details

PC Brand Name and model  
Processor speed and manufacturer  
DVD-ROM Drive speed and manufacturer  
Total amount of system RAM  
The make and model of your Video Card / 3D Accelerator together with amount of Video RAM  
The make and model of your Sound Card  
Mouse and driver information  
Version of DirectX installed on your system

Please describe the circumstances, including any error messages, of your problem as clearly as possible.

## TECHNICAL SUPPORT CONTACT DETAILS

### United Kingdom

Post Take-Two Interactive Technical Support  
Unit A, Sovereign Park  
Brenda Road  
Hartlepool  
TS25 1NN

Telephone (0870) 1242222 / calls charged at the national rate  
(7 days a week from 8am to 10pm (GMT) excluding bank holidays)

Fax (01429) 233677

E-mail take2@europesupport.com

Website www.take2games.co.uk  
www.2kgames.co.uk

### Nederland / België

Nederland 0900-2040404 (EUR 0,70ct p/m)  
België 0902-88078 (EUR 0,74ct p/m)

### Australia and New Zealand

If you are experiencing problems with the running of one of our titles,  
you may contact our Technical Support staff in one of several ways:

Before contacting Technical Support, please be prepared. In order to assist you as efficiently as possible, please describe the circumstances, including any error messages, of your problem as clearly as possible.

Australia: 1902 262 606 calls charged at \$2.48 +GST per minute  
(higher from public phones and mobiles).

New Zealand: 0900 54263 call cost \$1.99+GST per minute.

Check with whomever pays the bill before calling.



© Copyright 1999-2007 Havok.com Inc (or its licensors). All Rights Reserved.  
See www.havok.com for details.

Uses Bink Video Technology. Copyright © 1997-2005 by RAD Game Tools, Inc.





*and*



## EXCLUSIVE X-Fi OFFER FOR BIOSHOCK OWNERS



CREATIVE

Maximise your audio immersion in Bioshock with X-Fi's incredible EAX for cinematic in-game audio and unbelievable surround sound over headphones.



**Order either of the X-Fi products below from this exclusive URL and receive a free Fatal1ty Gaming Headset worth €49.99 + Free Shipping!**



[europe.creative.com/promotion/bioshock](http://europe.creative.com/promotion/bioshock)



SOUND BLASTER X-FI PLATINUM  
FATAL1TY CHAMPION SERIES



SOUND BLASTER X-FI GAMER  
FATAL1TY PROFESSIONAL SERIES

Offer available in Europe only  
See full terms and conditions on our website

CREATIVE