



Product Key:

5054904/MAN



ROCKSTAR  
GAMES

# Social Club

The Rockstar Games Social Club extends your L.A. Noire experience. Track your stats against your friends and the rest of the gaming community.



Sign in to Rockstar Games Social Club in game to unlock the Chicago Lightning Detective Suit. This suit improves your accuracy with shotguns and machine guns.

Not a member? Sign up to the Rockstar Games Social Club in game or visit [rockstargames.com/socialclub](http://rockstargames.com/socialclub)



## DETECTIVE PHELPS LOS ANGELES POLICE DEPARTMENT

### CONTENTS

BACKSTORY	03
INSTALLATION	04
KEYBOARD CONFIGURATION	06
HEADS UP DISPLAY	08
NOTEBOOK ENTRIES	10
INVESTIGATIONS	12
INTERROGATION	15
MOVING UP THE RANKS	16
CREDITS	17
CUSTOMER SUPPORT	31
LICENSE & WARRANTY	32



## BACKSTORY

In the years after World War II, while many struggled to rebuild their lives in a devastated economy, Los Angeles embraced an era of unprecedented growth and prosperity, and Hollywood became a shining beacon of the American Dream to the rest of the world. Yet beneath the glitz and glamour lay a darker reality: a burgeoning drug trade, a movie industry relentlessly preying on naive young girls, rampant corruption at every level of police and government, and thousands of demobilized troops trying to readjust to civilian life and leave the horrors of war behind them.

After years of fighting in the Pacific Theatre of World War II, one such young man, Marine Lieutenant Cole Phelps, was awarded one of the Navy's highest honours, the Silver Star, and was honourably discharged. Keen to continue serving his country on home soil, Cole signed up with the L.A.P.D., a police force suffering a public relations crisis amid accusations of corruption and brutality. A young, decorated war hero could be just what the department needs to turn the tide of public opinion. The powers that be are watching...

# INSTALLATION

## SYSTEM SPECIFICATIONS

**OS:** XP Service Pack 3 / Vista Service Pack 1 / Windows 7

**Processor:** Intel Dual Core 2.2GHz to Quad Core 3.2GHz /  
AMD Dual Core 2.4GHz to Quad Core 3.2GHz

**Memory:** 2GB - 8GB RAM / 16GB Free Hard Drive Space

**Video Card:** NVIDIA GeForce 8600 GT 512MB to NVIDIA  
GeForce GTX 580 1536MB / Radeon HD3000 512MB to Radeon  
HD 6850 1024MB

Please refer to your hardware manufacturer and [www.rockstargames.com/support](http://www.rockstargames.com/support) for current compatibility information. Some system components such as integrated and AGP graphics cards may be incompatible. Unlisted specifications may not be supported by publisher.

**Other Requirements:** Initial activation requires internet connection; software installation required including GameShield IronWrap & Patcher; Rockstar Games Social Club; DirectX, and Microsoft's Windows .NET Framework, and Microsoft Visual C++ 2008 SP1 Redistributable Package (x86).

## INSTALLATION

### STEPS:

01. Insert the L.A. Noire DVD (Disc 1) into your DVD-ROM drive and follow the on-screen directions.

02. Upon first boot of L.A. Noire you will be presented with the Rockstar Games Social Club user interface which is necessary to activate your game. Note that you are not required to create an online Social Club account to install or play the game.

03. You will be prompted to enter your Activation Key (located on the back of your manual) to perform a one-time product activation via the Internet. If you fail to connect or you do not have Internet access and need to perform this step from a different computer, please visit [www.rockstargames.com/support](http://www.rockstargames.com/support) for help.

04. After activation L.A. Noire will download and install a mandatory patch which will require the game to restart. Please follow the on-screen directions.

05. Once the game is patched you will be asked to create a Social Club account or log into an existing one. You may create an offline profile instead if you wish but this will not give you access to Social Club features.

**Please keep your manual and Activation Key in a safe place. The Activation Key is necessary to initiate your game and replacement keys are not available.**



## KEYBOARD CONFIGURATION

ALL KEYS CAN BE CUSTOMIZED

### ON FOOT

FORWARDS	W
BACKWARDS	S
LEFT	A
RIGHT	D
RUN	Left Shift
RUN TOGGLE	Caps
CALL PARTNER	P
INTERACT/ATTACK	Left click mouse
LEAVE CLUE/AIM/RAISE FIST	Right click mouse
TALK/DODGE/BLOCK (HOLD)	Spacebar
RELOAD	R
GRAPPLE/PICK UP FOUND WEAPON	Q
ENTER/EXIT COVER	Left Control
DROP FOUND WEAPON	G

### GENERAL

ENTER/EXIT (HOLD FOR PARTNER TO DRIVE)	E
CHANGE CAMERA	V
MINIMAP ZOOM	Z
NOTEBOOK	Tab
SKIP	Backspace
LOOK BEHIND	C
USE INTUITION	I
MAP	M
PAUSE MENU	Esc
OUTFITS	O
VIEW CHASE TARGET	X

## IN VEHICLE

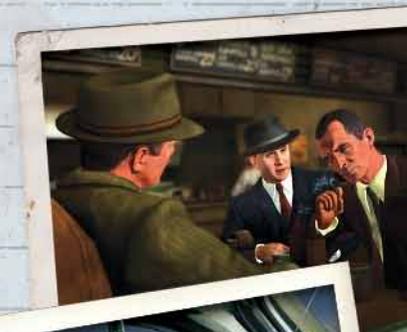
STEER LEFT	A
STEER RIGHT	D
THROTTLE	W
BRAKE	S
HANDBRAKE	Spacebar
HORN	H
ACCEPT DISPATCH CALL	Left click mouse
ASK FOR DIRECTIONS	F

## INTERROGATION

LIE	3
TRUTH	1
DOUBT	2
ASK THE COMMUNITY	A

## NOTEBOOK

SELECT	Left click mouse
BACK	Right click mouse
UP	W
DOWN	S
NEXT PAGE	D
PREVIOUS PAGE	A
OBSERVE SUSPECT	Spacebar



# HEADS UP DISPLAY



**01 HELP MESSAGES:** Help messages will pop up periodically with descriptions of your objectives and useful tips.

**02 MINI MAP:** The mini map shows your current position and the names of nearby streets. Other important icons displayed on the mini map include:

- Red blips represent enemies
- Yellow blips indicate your current destination / objective
- Blue blips indicate the location of your partner
- Red figures indicate where street crimes are in progress
- Camera icons indicate nearby landmarks



**03 LEADS:** New destinations, clues, P.O.I.'s, locations, landmarks and case objectives will appear here.



**04 HEALTH:** As you experience damage, the game colour will begin fading to black and white. The greyer it gets, the closer you are to death. Colour will return as you regain health.



**05 RANK INDICATOR:** The Rank Indicator shows your XP progress and your rank as a member of law enforcement.

## NOTEBOOK ENTRIES

Important information is automatically entered into your notebook. This includes case objectives, persons of interest (P.O.I.), new clues, and new locations.

**PERSON OF INTEREST**

NAME: *Frank Morgan*  
EYES: *Green* AGE: *34*  
HAIR: *Brown* SEX: *M*

DESCRIPTION:  
*Friend and coworker of missing person Adrian Black*

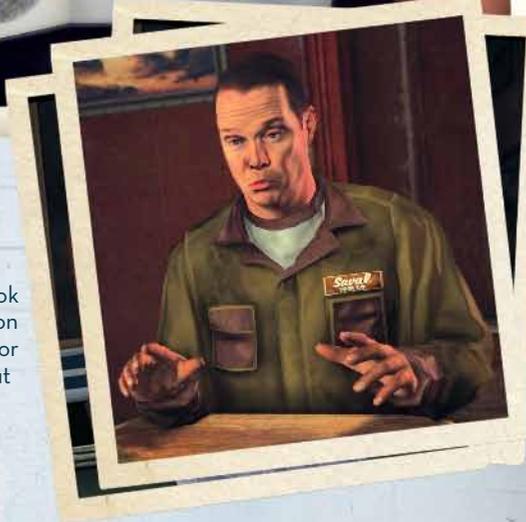
**QUESTIONS**

- *Link to abandoned vehicle*
- *Location of Adrian Black*

REVIEW EVIDENCE

## P.O.I.

When you identify new persons of interest, the notebook stores key information and characteristics for reference throughout the case.



**INSTAHEAT**  
LOS ANGELES, CALIFORNIA

CUSTOMER: *Adrian Black* ADDRESS: *620 Bunker Hill Ave.* DATE: \_\_\_\_\_

QTY	DESCRIPTION	PRICE
1	<i>InstaHeat Model 12 Gas Heaters</i>	<i>\$09</i>
	<i>Installation</i>	<i>\$12</i>
	<i>Pipe Work &amp; Plumbing</i>	<i>\$11</i>
	<i>Deliver</i>	<i>\$3</i>
	<i>Total</i>	<i>\$115</i>

PAID BY: *H. Ryan*

## CLUES

Clues and evidence that you uncover over the course of your investigation are logged in the notebook.

## LOCATIONS

With crimes happening all around the city, your notebook will catalogue new address details and allow you to set waypoints to your destination.



# INVESTIGATIONS

**You must investigate each of the cases that are assigned to you.**

Until a case is completed, you will not receive a new assignment. All information that you uncover relevant to the case will be stored in your notebook automatically. You can refer to your notebook at any time by pressing the **Tab Key**. Consult your notebook frequently and pay close attention to each piece of information.

**Throughout the game, you will have a partner who will work through each case with you.** You can ask him for help at any time by pressing **Spacebar** when standing near him. If you want your partner to take over driving duties for a specific journey, press and hold **E** near your car.

**As a member of the L.A.P.D., you are able to commandeer any vehicle you see.** Simply walk up to any car and press **E** to instruct the driver to surrender the vehicle. Note that only L. A.P.D. vehicles have sirens and radio support from headquarters.

**NOTE: Completed cases can be replayed by accessing the CASES section of the main menu.**





**01** A person who is lying may often avoid direct eye contact.

**02** Most people will feel uneasy telling a lie, so look out for signs of discomfort such as fidgeting or scratching.

**03** If you challenge a person who is lying they may become momentarily angry or upset and then try to cover it up.

**04** Above all, trust your instinct - the human face has hundreds of muscles that can all betray a person's true feelings. And you have many years of practise at reading these subconscious signals.

**TIP TO HELP DETECT LIES:** Press Spacebar to look at the person

## INTERROGATION

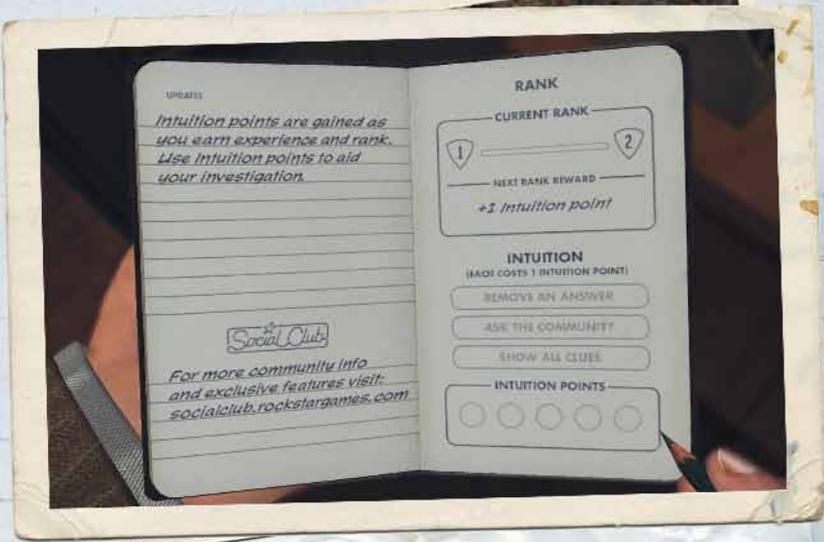
During interrogations, your notebook will open up automatically allowing you to select the first question you wish to ask. Questions can be asked in any order; simply scroll up and down using **W** and **S**. Listen closely to the response given and also pay careful attention to the facial expressions of the person you're interrogating. Even the best liars can give something away subconsciously, if you know what to look for. You can also press the **Right Mouse Button** to back out of an accusation and ask a different question, or ask the same question again.

After a person answers a question, you must then decide how to proceed. If you think they are telling the truth, press **1** to coax more information from them. If you doubt that their answer is truthful, press **2** to force more information from them. If they have said something that directly contradicts a piece of evidence that you have uncovered, press **3** to accuse them of lying. When you accuse someone of lying, you will need to select a piece of evidence from your notebook to back up your accusation. To help you decide the correct course of action, you may refer to your notebook at any time during an interrogation by pressing the **Tab Key**.

A chime will be heard to let you know that you have got the correct response. Some questions are more important than others - it is not always essential to get every response correct to extract all the information you need.

### INTERROGATION HINT:

If you are struggling with an interrogation, you can opt to "Ask the Community" to help determine how to proceed. This requires you to be signed into Rockstar Social Club and requires one intuition point to access. For more intuition point rewards, see "Moving Up the Ranks"



## MOVING UP THE RANKS

Throughout the game, you will earn experience (XP) through successful actions. A number of factors contribute to earning XP, including selecting the correct responses in interrogations, solving street crimes, and discovering hidden objects and landmarks. Gaining XP will give you intuition points, which can be spent either during an interrogation or while investigating a crime scene. Once an intuition point has been used, it cannot be used again. More XP must be gained to earn more intuition. You may store up to five intuition points until you think you need them.

## INTUITION POINT REWARDS

### REMOVE AN ANSWER

During an interrogation, this reward will remove one of the incorrect responses and the incorrect evidence when accusing a suspect.

### ASK THE COMMUNITY

When questioning a person of interest, this reward will tell you which answers are most popular amongst L.A. Noire players.

### SHOW ALL CLUES

While investigating a crime scene, this reward will display the location of all the clues on the mini map.

## CREDITS

### TEAM BONDI

#### WRITTEN + DIRECTED BY

Brendan McNamara

#### PRODUCER

Naresh Hirani

#### TECHNICAL DIRECTOR

Franta Fulin

#### LEAD GAMEPLAY PROGRAMMER

David Heironymus

#### LEAD STYLE

Alex Carlyle

#### ART DIRECTOR

Chee Kin Chan

#### LEAD ARTIST

Ben Brudenell

#### PRODUCTION DESIGNER

Simon Wood

#### GRAPHIC DESIGN

Andrew Hamilton

#### GENERAL MANAGER

Vicky Lord

#### PRODUCTION COORDINATOR

Lara Derham

#### ORIGINAL SCORE

Andrew Hale

Simon Hale

#### PROGRAMMING

##### GAMEPLAY

Joel Beach  
James Beaumont-Field  
Stephen Beeson  
David Bray  
John Christie  
Ben Harding  
Zhen-Jock Lau  
Charles Lefebvre  
Hugh Rayner  
Nicholas Young  
Javier Carrion

##### CINEMATICS

John McCarten

#### TOOLS

Joel Beach  
Stephen Beeson  
Ben Harding  
Zhen-Jock Lau  
Hugh Rayner

#### ENGINE

David Bryson  
Franta Fulin (Lead)  
Paul Geerts  
George Harris  
Luke Hutchinson  
Garry Wallis

#### QA TOOLS / BUILD ANALYST

Michael Hart

#### DESIGN

##### DESIGNERS

Timur Anoshechkin  
Conrad Ramakers  
Tim Stobo  
Christopher Glerum  
Dean Longmore  
Jennifer Sandercock  
Shane Wicke  
Mark Wilson

#### ADDITIONAL WRITING

Daniel McMahon

#### QA ANALYST

Lino A Manansala

#### ART & CINEMATICS

##### WORLD

Robert Jones  
Nicholas Cuyten  
Hemant Desai  
Michael Farley  
Amy Gallan  
Michael Gilvonio  
Ivan Kintanar  
Alfred Lee  
Craig Mackellar  
Jorge Hernan dez Ruiz  
Salim Tighnavard  
Ned Walker  
David Whiddon

##### INTERIORS

Sam Henman  
Kevin Baker  
Thomas Diakomichalis  
Jianxiong (Kent) Li  
Ben Muller  
Carl Ross

#### LIGHTING

Carl Ross  
Angus Bencke  
Mark Evans  
Michael Farley  
Jianxiong (Kent) Li

#### FX

Ben Muller

#### CLUES & PROPS

Andrew Hamilton  
Gordon Kam  
Anella Petrie  
Gabriel Rodriguez

#### CHARACTERS

Alex Colvin  
Oliver Cook  
Luc Coté  
Michael Gilvonio  
Alexandre Petrov

#### CINEMATICS LEAD

Sam Henman

#### DIRECTOR OF PHOTOGRAPHY

Andrew McLeod  
Aaron Smith

#### CINEMATIC PRODUCTION

Tina Chen

#### CINEMATIC ANIMATION

Daniel Armstrong  
Philip Sullivan  
David Zwierschaczewski

#### CINEMATICS LAYOUT

Kevin Baker  
Nicholas Cuyten  
Thomas Diakomichalis  
Michael Farley  
Gordon Kam  
Jianxiong (Kent) Li  
Anella Petrie  
Salim Tighnavard  
Ned Walker  
David Whiddon  
Sam Williams

#### FLASHBACKS

Thomas Diakomichalis

#### ANIMATION - IN GAME

Tor Sigurdson

#### ASSISTANT PRODUCTION DESIGNER

Karmen Coker

#### GRAPHIC DESIGNER

Gabriel Rodriguez

#### PRINCIPAL COSTUME DESIGNER

Wendy Cork

#### ADDITIONAL COSTUME DESIGN

Karmen Coker

Simon Wood

#### AUDIO

##### AUDIO DESIGN LEAD

Peret Von Sturmer

##### AUDIO DESIGNER

Michael Theiler

##### STUDIO SUPPORT

Brad Gordon

Denise Wang

#### DEPTH ANALYSIS - MOTIONSCAN

##### HEAD OF R&D

Oliver Bao

##### PROGRAMMERS

Scott McMillan

Douglas Turk

##### DIRECTOR/CONSULTANT

Mike Uppendahl

##### UNIT PRODUCTION MANAGER/1ST

Vanessa Oxlad

Rosanna Sun

##### PRODUCTION COORDINATOR

Stephanie Cramer

Matthew Crossett

##### ASSISTANT PRODUCTION COORDINATOR

Nicholas Kambic

Brandon Frazier

##### PRODUCTION ASSISTANT

Natalie Jeremic

Katrina Lubans

Andrew Nicholson

Emily Sandifer

##### RIG OPERATOR

James Baldzani

John Fitzsimons

Nicholas Martin

##### VIDEO EDITOR

Josh Rifkin

**SOUND DELUXE**

Chip Beaman  
Dave Natale

**STUDIO SET UP**

Brandon Tate  
James MacLaughlin

**HEAD OF MAKE UP & HAIR DEPT. (AU)**

**R&D MAKE UP & HAIR**  
Margaret Aston

**HEAD OF MAKE UP & HAIR DEPARTMENT (LA)**

Laini Thompson

**MAKE UP DEPARTMENT**

Kali Balugo

**HAIR DEPARTMENT**

Linda Arnold  
Leslie Borchard  
Leonard Drake  
Kamaura Eley  
Darmesha Watkins

**PRODUCTION COMPANY:**

Oll Factory Inc  
Animation Support

Original Force Ltd  
Technicolor

MoAnima

GOATI Outsourcing  
Pty., Ltd.  
Ian Bright

Wayne Byrden  
Mitchell Clifford  
Mitchell Coote

Upinder Dhaliwal  
Chris Kong  
Garth Midgley

**STORYBOARD BY TUI STUDIOS****CASTING**

Schiff Audino Casting  
Laura Schiff  
Carrie Audino  
Kendra Clark

**SPECIAL THANKS**

Team Bondi would like to thank those who have supported us throughout - our wives, husbands, girlfriends, boyfriends and partners who have shared the journey.

**In addition:** Shunei Yoshida, Allan Becker, Riley Russell, Martin Cooper, Graham Ashworth, Fiona Bird, Stuart Bryson, Max Buchanan, Paul Cherry, Alex Deem, Chris Degeer, Saxon Dixon, Esther Duinker, Cam Dunn, David Fernandez, Rachel Roderick-Jones, Alex Fuller, Michael Anderson, Philip Hook, Donald Kirkland, Jeannette Manifold, Deborah Mars, Lloyd Price, Eddie Prickett, Megan Ralph, Ian Schmidt, Phuong Tran, David Whittaker, Belinda Wu; Thank you!

**20th Century Fox Research Library:** Lisa Fredsti, Kathleen Camplin, Brian Thomas, Lisa Jackson, Mark Holmes. **Photo Office:** Tamio Ota. **Chris Majewski. University of Southern California - Special Collections Library:** Dace Taube. **UCLA Department of Special Collections:** Simon Elliot, Nancy Lieu, Genie Guerard. **USMC Motion Picture and TV Liaison Staff Sergeant Sergio Jimenez, Captain Joshua Redding, Staff Sergeant Chad E McMeen. Los Angeles Police Historical Society:** Richard Kalk, Glynn Martin. **1 Force Inc:** James Dever. **Initial Motion Capture talent:** Alex Chansky, Brendan Egan. **UCLA Geography Air Photo Archives:** John Franklin. **Intermap Technologies. United States Geological Service. The Huntington Library:** Alan Jutzi. **USC Library:** Matt Gainer. **Researchers:** Jen Moses, Marianne Krawczyk, Piyapong Kong Phongpatanakhum, Lisa Jackson. **Local Photograph Team:** Kyung Chung, Mark Dadlani, Pete Deevakul, Susan Jo, Lisa Ohlweiler, Mackenzie Schneider. **Los Angeles Fire Department. Historical Society:** Frank Borden. **Department of Building Administration:** Blanca Perez. **Bill Pierce. Jay Leno Private Collection:** Jay Leno, Helga Pollock. **Sunset Stage. Lynn E Eaton. Cars supplied by:** Sean Collins, Brendan Hagle, Bill Eloridge, Frank Dallimore, Norm Bradford, Terry Dowell, Eddie Reynolds, Jack Provan, Doug Gorham, Allan Lethborg, Tom Lambert, Shane Taylor, Ed Bourke. **Dispatch Consultant:** Harry Marnell.

**ROCKSTAR NORTH****PRODUCER**

Leslie Benizes

**ART DIRECTOR**

Aaron Garbut

**ASSOCIATE ART DIRECTOR**

Michael Kane

**TECHNICAL DIRECTOR**

Adam Fowler

**ASSOCIATE TECHNICAL DIRECTORS**

Phil Hooker  
Klaas Schilstra

**ANIMATION DIRECTOR**

Mondo Ghulam

**TOOLS DIRECTOR**

Greg Smith

**AUDIO DIRECTOR**

Matthew Smith

**2D/UI GRAPHICS DIRECTOR**

Stuart Petri

**LEAD AI PROGRAMMER**

Chris Swinhoe

**LEAD ANIMATION PROGRAMMER**

Jonathon Ashcroft

**LEAD CAMERA PROGRAMMER**

Colin Entwistle

**LEAD GRAPHICS PROGRAMMER**

Alex Hadjadj

**LEAD SYSTEMS PROGRAMMER**

John Whyte

**SENIOR PROGRAMMERS**

James Broad  
Bernie Freidin

**PROGRAMMER**

Ben Lyons

**SENIOR DEVELOPMENT ASSISTANTS**

Christina Harvey  
John Sloan

**DEVELOPMENT SUPPORT**

Andrew Bailey-Smith

**TOOLS PROGRAMMERS**

Marc Guerin  
Jonathan Martin

**LEAD SOCIAL CLUB DEVELOPER**

Ian McFarland

**SOCIAL CLUB DEVELOPER**

Pete Andrews

**GLOBE LEAD VFX ARTIST**

Malcolm Shortt

**LEAD IN GAME ANIMATOR**

Jim Jagger

**IN GAME ANIMATORS**

Andy Davies  
Daniel Lim  
Malcolm Angus  
Marcos Duran  
Alex Cartwright  
Spencer Jones

**LEAD CUT SCENE ANIMATORS**

Felipe Busquets  
Dermot Baillie

**CUT SCENE ANIMATORS**

Geoffrey Fermin  
Gus Braid  
Matt Tempest  
Michael Mangus  
Santiago Hurtado  
Jenny Toft

**NORTH CONTRACT ANIMATORS**

Matt Rochester  
Julian Laing

**ANIMATION COORDINATOR**

Francesca Howard

**ANIMATION RESOURCE ASSISTANT**

Katherine Bodey

**ANIMATION DEVELOPMENT ASSISTANTS**

Anita Norfolk  
Mags Donaldson

**LEVEL DESIGN**

Craig Filshie  
Adam Westwood  
Alwyn Roberts

Brenda Carey  
Chris McMahon  
David Watson  
Kevin Wong  
Paul Davies  
Vicki Eaton

**SENIOR GRAPHIC DESIGNER**

Steve Walsh

**GRAPHIC DESIGNERS**

Alisdair Wood  
Jill Menzies

**DEVELOPMENT ASSISTANT**

Roberta Gatti

**LEAD MUSIC PRODUCER**

Craig Conner

**LEAD AUDIO PROGRAMMER**

Alastair MacGregor

**AUDIO DESIGNERS**

Allan Walker  
Will Morton  
Jon McCavish  
George Williamson

**AUDIO DEVELOPMENT ASSISTANT**

Lindsay Robertson

**MUSIC PRODUCTION ASSISTANTS**

Rebecca Johnson  
Fraser Morgan

**QA MANAGER**

Craig Arbuthnott

**SENIOR LEAD TEST**

Neil Corbett  
Lrian Kelly

**LEAD TEST**

Chris Thomson  
John Archibald  
Steev Douglas

**TEST TOOLS SUPPORT**

Thomas Phillips

**BUILD ENGINEERS**

Neil Walker  
Ross McKinstry

**TEST**

Andrew Auckland  
Andrew Scotland  
Chris Caira  
Colin Howard  
Daniel McFarlane  
David Strachan  
Euan McLaren  
Gavin Smart  
Gordon McKenzie  
Graeme Hutton  
Graeme Wright  
Jamie Trimmer  
Jay Adams  
Jonathan Foot  
Katie Pica  
Liam Halley  
Mark Beagan  
Martin Logan  
Matt Wilson  
Michael Burton  
Paul Kowal  
Peter Brittain  
Rory Jepson  
Ross Parker  
Scott Butchard  
Sean Casey  
Stephen King  
Tarek Hamad  
Vasiko Manjgaladze

**IT MANAGER**

Lorraine Stark

**IT SYSTEMS ENGINEER**

Adam Bown

**IT SUPPORT**

Christine Chalmers  
Paul Sharkey

**STUDIO DIRECTOR**

Andrew Semple

**ROCKSTAR LEEDS****STUDIO PRESIDENT**

Gordon Hall

**STUDIO VICE PRESIDENT**

Al Dukes

**ART DIRECTOR**

Tan Bowden

**PRODUCTION**

Bryan Reynolds  
Chris Smart

**LEAD PROGRAMMER**

Brett Laming

**PROGRAMMING**

Richard Bull  
Jay Butler

**QA LEAD**

Andrew Collinson

**QA TESTERS**

Nick Robey

**QA TESTERS**

Sam Bentley

**IT**

Ebrahim Fadia

**ADMIN**

Carrie Panks

**STUDIO MANAGER**

Marielle Reuser

**STUDIO MANAGER**

Naomi Greensmith

**ROCKSTAR SAN DIEGO****STUDIO MANAGER**

Steve Martin

**ART DEPARTMENT DIRECTOR**

Joshua Bass

**ART DIRECTOR**

Daren Bader

**ASSISTANT ART DIRECTOR**

George Davis

**CONCEPT ARTISTS**

David Hong

**CONCEPT ARTISTS**

Hethe Srodawa

**CONCEPT ARTISTS**

Jason Castagna

**TECHNICAL ARTIST**

Kelby Fuchs

**ENVIRONMENT ARTISTS**

Adam Hernandez

**ENVIRONMENT ARTISTS**

Brian Falotico

**ENVIRONMENT ARTISTS**

Jude Liberty

**ANIMATORS**

David Dew  
Dan McGeoch  
Simon Papp

**LEAD ANIMATOR**

Sean Letts

**IN GAME ANIMATORS**Kirk Cumming  
Elliot Tokoroyama**CUT SCENE ANIMATORS**Tim Webb  
Alan O'Brien  
Jae Chung**ANIMATION PROGRAMMER**

Bryan Musson

**GAMEPLAY PROGRAMMER**

Ryan Satrappe

**TECHNICAL ANALYSIS**

Michael Krehan

**LEAD AUDIO DESIGNER**

Jeffery Whitcher

**AUDIO DESIGNERS**Christian Kjeldsen  
Corey Ross**QA TESTERS**Geoff Show  
Aaron Robuck  
Jason Umbreit  
Stephen Russo**RAGE TECHNOLOGY GROUP****DIRECTOR OF TECHNOLOGY**

Derek Tarvin

**LEAD NETWORK PROGRAMMER**

Kevin Baca

**LEAD ANIMATION PROGRAMMER**

James Miller

**NETWORK PROGRAMMERS**Rob Trickey  
Bill Sherman  
Ron Roy**I.T. DIRECTOR**

Michael Mattes

**I.T.**David Counts  
Paul Anderson**ROCKSTAR NEW ENGLAND****ANIMATION**Andy Welihozkiy  
Michael Bahurinsky**PRODUCTION**Robert Hannigen  
Jarred Vaughan**ROCKSTAR N.Y.C.****EXECUTIVE PRODUCER**

Sam Houser

**VP OF CREATIVE**

Dan Houser

**VP OF PRODUCT DEVELOPMENT**

Jeronimo Barrera

**ART DIRECTOR**

Rob Nelson

**VP OF QUALITY ASSURANCE**

Jeff Rosa

**SENIOR PRODUCER**

Josh Needleman

**PRODUCERS**Neil McCaffrey  
Chris Choi**ASSOCIATE PRODUCER**

Jurgen Mol

**SOCIAL CLUB PRODUCER**

Brand Inman

**LOCALIZATION PRODUCER**

Koji Nonoyama

**LEAD ANALYSTS**Sean Flaherty  
Phil Castanheira**TEST TEAM**Adam Tetzloff  
Brian Alcazar  
Bryan Rodriguez  
Christopher Mansfield  
Christopher Plummer  
Curtis ReyesGene Overton  
Helen Andriacchi  
James Dima  
Jameel Vega  
Jay Capozello  
Lloyd Thompson  
Mike Hong  
Mike Nathan  
Oswald Greene  
Peter Woloszyn  
Rich Huie  
Steve Guillaume  
Tamara Carrion**TECHNICAL MANAGER**

Jared Raia

**TECHNICAL ANALYST**

Matthew Foreman

**BUSINESS DEVELOPMENT DIRECTOR**

Sean Macaluso

**DIALOGUE WRITING**Michael Unsworth  
Rupert Humphries**SOUNDTRACK SUPERVISION**

Ivan Pavlovich

**CUT SCENES MIXED BY**David Scott  
Rocco Cambareri**PRODUCTION DIRECTOR**

Rod Edge

**PRODUCTION TEAM**Lazlow  
Brad Cohn  
Ezequiel Guerisoli  
Forrest Karbowski  
Gethin Aldous  
Jaesun Celebre  
Phil Castanheira  
Jasmina Mathieu  
Luke Howard  
Marisa Palumbo  
Michele Pearson  
Mike Berger  
Nick Giovannetti  
Omar Shakir  
Paul Martin  
Ryan Pate  
Shawn AllenStephen Glenn  
Ted O'Brien  
Tony Grinage  
Vincent Parker**PERFORMANCE CAPTURE & ANIMATION**Chuck Mongelli  
Evan Eldredge  
Cory Alderman  
Kelly WetzelAdam De Oliveria  
Alan Michaels  
Brian Eldredge  
James MacLaughlin  
Danna Finestone**TECHNICAL ANALYST**

Robert Martin

**SENIOR ANIMATION SPECIALIST**Abraham Ahmed  
Gregory Johnson  
Sanford Santacroce  
Ayana Osada  
Jon Young**RESEARCH**Jochen Färber  
Jochen Till  
John GordonJordan Chew  
Jordan Liles  
Josh Moskovitz  
Justin Scott**ROCKSTAR PUBLISHING TEAM**Adam Stennett  
Adam Glogower  
Adam Tedman  
Alex Mouille-BerteauxAlpher Xian  
Andrea Stapleton  
Angus Wong  
Anthony Macbain  
Ben Jennings  
Ben Sutcliffe  
Bill Woods  
Brian Alston  
Bruce Dugan  
Chris Madgwick  
Christian Capitan  
Christopher Flumano  
CJ Gibson  
Colin Snyder  
Craig Gilmore  
Damian Bulluck  
Daniel Acker  
Dan Cooper  
Daniel Einzig  
Dan EmersonDaniel Heacox  
Dave Malcolm  
David Gomez  
David Manley  
David Twinn  
Elizabeth Satterwhite  
Emmanuel Trablais  
Fred Navarrete  
Gareth Evans  
Gary St. Clare  
Gauri Khindaria  
Gena Feist  
Greg Lau  
Hamish Brown  
Heloise Williams  
Hugh Michaels  
Ifeoma Obi  
Jack Rosa  
James Crocker  
Jeff Mayer  
Jennifer Kolbe  
Jerry Chen  
Jimmy YooJochen Färber  
Jochen Till  
John Gordon  
Jordan Chew  
Jordan Liles  
Josh Moskovitz  
Justin Scott  
Keichia Bean  
Kerry Shaw  
Kudrat Sapaev  
Laura Battistuzzi  
Lee Strickland  
Lilit Baron  
Lucien King  
Maikel Van Dijk  
Mark Adamson  
Marz Yamaguchi  
Mathias Breton  
Matt Smith  
Matt Way  
Michael Cohen  
Michael Zigon  
Mike Torok  
Mike Kazantzis  
Neil Stephen  
Nicholas Patterson  
Nijiko Walker  
Onno Bos  
Patrick Conroy  
Patricia Pucci  
Paul Devonshire  
Paul Martin  
Paul NichollsRoxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerRita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes  
Richard Cole  
Rita Liberator  
Rob Spampinato  
Robert Gross  
Rowan Hajaj  
Roxana Vizcarra  
Sal Castiglione  
Sandra Louis  
Sarah O'Leary  
Sean Hollenbach  
Sean Mackenzie  
Sean McGrath  
Seckin Özdündar  
Shakira Wood  
Silvia Cabrera  
Simon Ramsey  
Siobhan Boes  
Sonny Sisto  
Stanton Sarjeant  
Stephen Bliss  
Steve O'Neil  
Stuart Morrison  
Suzzee Uy  
Taylor ShawyerPaul Yeates  
Pei Chien  
Pete Andrews  
Pete Shima  
Philip Doust  
PJ Sim  
Ramon Stokes  
Raquel Garcia  
Ray Smiling  
Richard Barnes

Angel Maldonado ..... Jorge Luis-Pallo  
Howard Parnell..... Morlan Higgins  
Anna Rodriguez ..... Vane Millon  
Felix Alvarro ..... Manny Montana  
Patrick Connolly..... Jonathan Chase  
June Ballard..... Maria Cina  
John Cunningham..... Rich Sommer  
Lars Tarningdalen..... Matt Corboy  
Shannon Perry ..... Amanda Booth  
Don Steffens ..... Scott Michael Morgan  
Catherine Barton ..... Debra Christofferson  
Patrolman Clyde Hart .. Ken Luckey  
Patrolman Jack Tabot .. Tyler Jacob Moore  
Ivan Rasic ..... Michael Bofshever  
Diego Aguilar ..... Joe Nieves  
Dr. Harold Stoneman ..... John Prosky  
Edgar Kalou ..... Michael B. Silver  
Dudley Forman..... Dennis Coozkum  
Merlon Ottie ..... Troy Winbush  
Benny Cluff ..... Rich Hutchman  
Margaret Black..... Kate Connor  
Walter Clemens..... Vincent Kartheiser  
Richard Coombs..... Kurt Fuller  
Jean Archer..... Kimberlee Peterson  
Olivia Volkert..... Aimee Deshayes  
Mrs. Virginia  
Reynoldson..... Cyd Strittmatter  
Oswald Jacobs..... Hal Landon, Jr.  
John Holmes..... Doug Tompos  
Bernard Metier..... Travis Schuldt  
Sgt. Chisholm..... Wiley Pickett  
Marlon Hopgood..... William Charlton  
Cliff Harrison..... Jonathan Runyon  
John Ferdinand Jamison. Stephen Monroe Taylor  
Herbert Chapman ..... Matthew Frauman  
Walter Robbins ..... Joseph Culp  
Dick McColl ..... Robert Curtis Brown  
Gloria Bishop ..... Carla Gallo  
Mrs. Beverly Evestrom .. Barbara Kerr Condon  
Patrolman Enrique  
Gonzales ..... Alexis Cruz  
James Jessop ..... Trevor O'Brien  
Mrs. Celia Stanley..... Shawn Huff  
Joe Nesco ..... Frank Novak  
Frank Osterman ..... Ron Rogge  
Steven Bigelow ..... John Thaddeus  
Jessica Hamilton..... Haley Ramm  
Sergio Rojas ..... Ramón Franco  
Japanese Soldier..... Akie Kotabe  
James Belasco ..... Lukas Behnken  
Juan Francisco Valdez .. Geoffrey Rivas  
Patrolman Sam Kaplan .. John L. Curtis  
Florence Jenkins ..... Pat Crawford Brown  
Patrolman Thomas  
Houlihan..... Andrew Caple-Shaw  
Dudley Lynch..... Michael Gladis  
Nate Wilkey ..... Harrison White  
Willie Holbeck ..... Claude Shires  
Russell Holbeck..... Matt Riedy  
Walt Austin ..... Graham Norris  
Fred Nicholson..... Ron Perkins  
Patrolman James  
Mitchell ..... Justin Shenkarow  
D.A. Donald Sandler..... Tom Knickerbocker  
Watch Commander  
James Hopkins..... Christopher Darga  
A.D.A. Leonard Petersen. Larry Sullivan  
Terrance Chilton..... Lonnie Hughes  
Little Boy ..... Bob Kohert  
Thomas Statham ..... Shad Hart  
Steven Hendricks ..... Randolph Adams  
Walter Beckett..... Matthew Alan

Lieutenant Taylor ..... Andy Hoff  
Patrolman Mike Branigan. Michael Rodrick  
Nat Spencer ..... La Monde Byrd  
Police Chief  
William Worrell..... Ryan Cutrona  
Patrolman Clem Dalbey .. Stewart Carrico  
Mark Bishop..... Daniel Roebuck  
Dispatch ..... Harry Marnell  
Dispatch ..... Tim Barker  
Arthur Moss..... Kevin Scott Allen  
Chuck Hadley..... Jerry O'Donnell  
James Rainey..... Robert Maxhimer  
Patrolman Fred Wallis .. Mark Kelly  
Eddie McGoldrick..... Elliot Benjamin  
Patrolman Andy Brown... Bill Dawes  
Errol Schroeder..... David Memnier  
Michael Driscoll..... Evan Helmuth  
José Ramez ..... Brian Burnett  
Bileen Clark..... Patricia Destro  
John Higgins..... John Erickner  
Audrey Gill ..... Katherine Boecher  
James Elinore..... Jarrett Sleeper  
Dimitri Pedachenko ... Matt Clendenin  
Marlene Varner ..... Trisha Deski  
Harry Sullivan ..... Bob Rusch  
Patrolman Harry Sumner .. Shane Conrad  
Patrolman Max Faber ... A.J. Castro  
Det. Sgt. Finis Brown... Michael Dempsey  
Daniel Ullman..... Eddie Driscoll  
Lenny Finkelstein ..... Bruce Nozick  
Watch Commander  
Frank Lacey ..... William Francis McGuire  
Elinor Hopkin..... Joanne Baron  
William Shelton..... Ron Morehouse  
Det. Floyd Rose ..... Jack Impellizzeri  
Leo Epstein ..... Griff Furst  
Victor Jimenez..... R.J. Cantu  
Joanna Alford..... Adria Tennor  
Garrett Mason..... Andrew Lukich  
Arthur Moth..... Tim Barraço  
Clovis Galletta..... Iyari Limon  
Marion Lauanders ..... Jen Drohan  
Gabriel Del Gado ..... Alejandro Chaban  
Wendell Bowers..... Adam Bitterman  
David Parker..... Brice Beckham  
Marguerite Cansino ..... Bar Paly  
Samuel Honis ..... Sterling Jones  
Det. Harold Caldwell... Brandon Keener  
Patrolman Isaac Kelly .. Aaron Nelms  
Don Carraway..... Paul McCarthy-Boyington  
Walter Mensch ..... Ken Lerner  
Irwin Bousman ..... Bob Clendenin  
David Brenner ..... Bruno Oliver  
Patrolman  
Emmet Campbell..... Michael Yurchak  
Miss Deborah Williams .. Karis Campbell  
Arturo Rivera ..... Sal Lopez  
Nelson Gaines..... Desean Terry  
Cynthia Graham ..... Veronica Taylor  
Hanna Taraldsen ..... Lexi Jourden  
Dan Rogers ..... Mickey Meyer  
William Purdy ..... Daniel McMahon  
Benjamin Keever ..... Hugh Holub  
Gianni Temperino ..... Michael Cornacchia  
Victor King..... Scott Horby  
Mayor Fletcher Bowron .. J. Patrick McCormack  
Andrew Fickman ..... David Wells  
Freddie Calhoun ..... James Jordan  
Errol Angio ..... Rey Gallegos  
Johnny Goldberg ..... Don Luce  
Frank Ziferelli..... James Giordano  
Stuart Barnes ..... Patrick Cavanaugh

Chin Wong ..... Ming Lo  
Willard Philbrick ..... Sal Viscuso  
Marianne Belle ..... Annemarie Kenoyer  
Vernon McNeal ..... James Moses Black  
Thomas Bailey..... Kasey Mahaffy  
Wilt Edgerson..... Malcolm Foster Smith  
Harry the Bookmaker ... John Douglas  
Williams  
Harry Douglas..... E.J. Callahan  
Maria Aranda..... Jill Remez  
Hollis Stone..... Kevin E. West  
Page Franklin ..... Reba Daniels  
Ernie Barrow..... Bobby Hall  
Marie Phelps ..... Connie Fletcher  
Frank Steimer..... Josh Feinman  
Jennifer Horgan..... Audrey Wasilewski  
Jacob Schmidt..... Allen Hooper  
Winifred Grey..... Trisha La Fache  
Wincover ..... Ted Heyck  
Paul Kadarowski ..... Ben Davis  
Tech Services Officer  
Ivan Robinson..... Andy Hirsch  
Dr. Elias Webley ..... Paul Schackman  
Ambulance Officer Remy. Robert A. Johnson  
Alvin Woolf ..... Eric Callero  
MP Saxon Shirley ..... Jared Ward  
Chuck Vanderhorst ..... Marc Goldsmith  
Invest. Jake Rampley .. David Greenman  
Jack Foreman..... Michael Edwin  
Det. William Filden... Joe Sabatino  
Grace Houston..... Emily Sandifer  
Tech Services Officer  
Sam Turner ..... William Wattersson  
Edward Hemmings ..... Guy Nardulli  
MP Stephen Vagg..... Jonathan Kowalsky  
Monty Reynolds..... Carlton Wilborn  
Hipolito Maldonado ..... Joseph Julian Soria  
Herman Denzler..... Darin Toonder  
James Maher ..... Chris Erric Maddox  
Patrolman  
David Ramirez..... Adrian Sanchez  
Joseph Jackson..... Brian Norris  
William Barlow ..... Donald Sage Mackay  
Rex Buckland..... Nicholas Youssef  
MP Troy Brown..... Ryan K. Smith  
Emily Luckenbach ..... Erin Sanders  
Det. Theo Rossi..... Ben Wilson  
Lena Taraldsen..... Emmalee Abrams  
Alonso Mendez..... Luis Villalta  
Phillip Tonkins ..... Joe Egender  
Darcy Connors ..... Miranda Lilley  
Karen Hintscher ..... Kiersten Lyons  
Eddie Findlay ..... Nick Pew  
Harold Kirby ..... Raymond O'Connor  
Patrolman John Dierkes .. Jake McLaughlin  
Eddie Margolis..... Ramon Camacho  
Adelaide Finch..... Julie Sanford  
Patrolman Levon Tate .. Adam Leiphart  
Ray the Bookmaker..... David H. Lawrence XVII  
Garfield Henderson ..... Joe Basile  
Walter Tyler ..... Paul Parducci  
Louise Steffens..... Porter Kelly  
Morris Greenfeld..... Brian Catalano  
Daniel Wellington ..... Jay Seals  
Chester King..... Michael Peoples  
Nurse Dabner..... Caroline Duncan  
Patrolman  
Dudley Wheelright ..... Ben Hogestyn  
Dale Gadbrey..... John Eric Bentley  
Betty Joyner..... Lily Rains  
Emmet Schneider ..... Brandon Molale  
Julian Marino ..... Vinicius Machado

Hank Newbern..... Tylor Chase  
Floyd Walker..... Ricky Horne, Jr.  
Invest. Adrian Tucker .. David Lengel  
Lewis Pelton ..... Cary Hungerford  
Maria Latorella..... Gabrielle Madé  
Det. Graham Sommers ... Kevin Fry-Bowers  
Patrolman Danny Aiello . Paul Diaz  
Tech Services Officer  
Ernest Avery ..... John Ciccolini  
Alfonse Dagbo..... Bambađjan Bamba  
Albert Reading..... Jason L. Brandt  
Louis Lincoln..... Paul Ganus  
Paul Miller ..... Scott Weatherby  
Lefty Roberts..... Dusty Sorg  
Det. Joseph Hobbes..... Andy Henry  
Raymond Gordon ..... Michael Ensign  
Lester Wagner..... Ryan Honey  
Casey Watts ..... Dan Flood  
Francis Watkins ..... Daniel Kountz  
Jesse Dunne..... Cutter Cutshaw  
Geneva Mayhew..... Joann McGibbon  
Rufus Dixon..... Don Creech  
Christopher Majewski .. Blake Griffin  
Calvin Shaughnessy ... Ryan Christiansen  
Kurt Holland..... Alan Loaysa  
Eddie Adams..... Brett Tinnus  
Roger Becket ..... Mitchell Fink  
Ronald Bellamy..... William Duffy  
William Boehringer ..... Cletus Young  
Charlie Conway ..... Morgan Rusler  
Tan Do ..... Clyde Yasuhara  
Doris West ..... Angela Little  
Mackenzie  
Nathan Duntly..... John Bobek  
Elizabeth Eberly..... Alexa Alemanni  
Rudy Galletta ..... Thomas Crawford  
Scout Hillier ..... Ewan Arnold  
Travis Hornbrook ..... John Ciccolini  
Maureen Kegley ..... Danielle Kaplowitz  
Barton Keyes ..... Robert Beuth  
Nurse Randall ..... Maury Morgan  
Judy Lynn..... Suzanne Goldish  
Bob Marshall ..... George Gerdes  
Mervin the Bookmaker .. Cutter Garcia  
George Murphy..... Zane Holtz  
Frank Norris ..... Max Adler  
Gale O'Hara ..... Liesl Ehardt  
Patrolman  
Morris Callahan ..... Patrick Joseph Rieger  
George Hennessey ..... P.J. Marshall  
Steven Hoover ..... Griff Kohout  
Patrolman  
Harvey Keller ..... Adam Harrington  
Patrolman  
Martin Mathiason ..... Southey Blanton  
Patrolman  
Carl Radcliffe..... Patrick Quinlan  
Patrolman  
John Sarsfield ..... Joe Delano  
Patrolman  
Herbert Walwick..... Brantley M. Dunaway  
Patrolman Glen Wheeler .. Jack Slavkin  
Patrolman  
Victor Zimmerman ..... Nick Hoffa  
R&I ..... Melanie Marnell  
Herman Salter ..... Robert Peters  
Jess Sammons ..... Doug Sinclair  
William Strong ..... Rob Elk  
Chuck Totterman ..... Drew Cheetwood  
Harry Westcott ..... John Colella  
Ruth Douglas ..... Julie McNiven  
Stuart Barclay ..... Matt Price  
Eric Salzman ..... Brian Konowal

Paul Miller ..... Bow Borden  
 Georgia Kent ..... Jules Willcox  
 Male Pedestrian 1 ..... Bryant K. Rolle  
 Male Pedestrian 2 ..... Markhum Stansbury, Jr  
 Male Pedestrian 3 ..... Lonnie Hughes  
 Male Pedestrian 4 ..... Nigel Gibbs  
 Male Pedestrian 5 ..... V K  
 Female Pedestrian 1 ..... Karimah Westbrook  
 Female Pedestrian 2 ..... Cheryl Carter  
 Female Pedestrian 3 ..... Regan Carrington  
 Female Pedestrian 4 ..... Joyce Guy  
 Female Pedestrian 5 ..... Cynthia Adai-Robinson  
 Female Pedestrian 6 ..... Tina Y. Hahn  
 Female Pedestrian 7 ..... Sharon Omi  
 Female Pedestrian 8 ..... Vivian Bang  
 Female Pedestrian 9 ..... Jennifer Chu  
 Female Pedestrian 10 ..... Hira Ambrosino  
 Male Pedestrian 6 ..... Martin Chow  
 Male Pedestrian 7 ..... Robert Wu  
 Male Pedestrian 8 ..... Evan Lai  
 Male Pedestrian 9 ..... Jamison Yang  
 Male Pedestrian 10 ..... Jack Ong  
 Male Pedestrian 11 ..... Ethan Le Phong  
 Female Pedestrian 11 ..... Carole Gutierrez  
 Female Pedestrian 12 ..... Norma Maldonado  
 Female Pedestrian 13 ..... Julia Vera  
 Female Pedestrian 14 ..... Arlene Santana  
 Female Pedestrian 15 ..... Natalie Jeremic  
 Female Pedestrian 16 ..... Sara Mendoza  
 Male Pedestrian 12 ..... Damien Luvara  
 Male Pedestrian 13 ..... Miguel Najera  
 Male Pedestrian 14 ..... Mike Gomez  
 Male Pedestrian 15 ..... Jesus Marquez  
 Male Pedestrian 16 ..... Kurt Caceres  
 Female Pedestrian 17 ..... Aileen Burdock  
 Female Pedestrian 18 ..... Chantal Lewis  
 Female Pedestrian 19 ..... Alexandra Ruddy  
 Female Pedestrian 20 ..... Valerie Aslynn  
 Female Pedestrian 21 ..... Tyler Kain  
 Female Pedestrian 23 ..... Jeannine Kaspar  
 Female Pedestrian 24 ..... Andres Faucher  
 Cave Victim ..... Sloan Tome  
 Male Pedestrian 17 ..... David Ury  
 Male Pedestrian 18 ..... Kevin Lowe

## MOTION CAPTURE

### ADDITIONAL COLE PHELPS MOCAP PERFORMED BY:

Jeffrey C. Hawkins, Brad Schmidt, Chris Comfort, Colin Donnell

### COLE PHELPS STUNTS PERFORMED BY:

Drew Leary

### OTHER CHARACTERS PERFORMED BY:

Alex Ferrari, Apollia Echino, Art LaFleur, Bill Porter, Bill Watterson, Brad Schmidt, Brandon Cook, Brandon Williams, Brice Harris, Cameo Martine, Chad Lindberg, Cheryl Burns, Chris Comfort, Clementina Sonn, Colin Donnell, Daniel Ponickly, David Ury, Demetrius Grosse, Dennis Flanagan, Eric Ladin, Eric Rywalski, Glean Lewis, Greg Skura, Heather Ann Davis, James B. Kennedy, James Mount, Jeffrey C. Hawkins, Jesse Teeters, Jessica Graves, Jessica Littlefield, J. Marvin Cambell, Jocko Sims, Joseph Napoli, Kelsey

McNamee, Kevin Scanlon, Maria Couch, Marley DeDuchetto, Marshall Givens, Matthew Scott Lewis, Maureen Flanigan, Mimi Karsh, Morgan Spector, Nick Bush, Ronald Okubo, Russell Koplin, Sam Littlefield, Scott Narver, Sean Bridgers, Steve Sears, Tina Mayer, Tom Mesmer, Tracey Fairaway, Tug Coker, Wendi Bergamini.

## THE LOCAL POPULATION

Adam Tetzloff, Adam Glogower, Alex Reside, Alicia Hornstein, Alicia Manwaring, Ana Fernando, Andrew St. Clair, Anthony J. Selvaggi, Anthony Macbain, Arismendy Ciprian, Auerlio Kim, Aya Fujimori, Brian Harmande, Brian Schott, B-Rod, Catherine McKinney, Chelsey C. Calloway, Chris Mansfield, Colin Snyder, Coury Carlson, Damian Bulluck, Dan Cartwright, Dan Derwin, Dani Burr, Daniel Acker, Danielle Grinage, David Grinage Sr., David Scott, Devon Clarke, Diane White, Duane Hubner, Eva Prinz, Forrest Karbowski, Franco Salandra, Frank W. Miller Jr., Frederick Navarrete, Gabriel Deleon, Gail Bennington, Gena Feist, Gene Overton, Giorgio Piccoli, Greg Lau, Gregory Johnson, Hillary Crosley, Hillary J. Scott, Ifeoma Obi, J. Nicholson, Jameel Vega, Jane Lee, Jason Bishop, Jason Liles, Jeremiah Wallace Jr., Joela Dos Santos, Jordan Liles, Joseph De Rocco, Josh Moskovitz, Joshua Kahn, Julie Bennington, Justin Scott, Kayla Koschel, Kelly Wetzal, Kerry Shaw, Kiechia Bean, Kimberly Newman, Kong Chun Yu, Lazlow Jones, Lilit Baron, Logan Laflotte, Luke Howard, Marisa Palumbo, Mark Adamson, Mary Lee Palumbo, Michael Berger, Michael Mignano, Michael Nathan, Michele Pearson, Mike Kimberling, Miles Bennington, Nash Membreno, Nathaniel Bryan, Nick Giovannetti, Omar Shakir, Oswald Greene Jr., Peter Woloszyn, Ramon Stokes, Ravi S. Lakheeram, Ray Smiling, Richard Cole, Rob Spampinato, Robert A. Meyer, Robert E. Wagner, Rocco Cambareri, Ron Bennington, Ross Federman, Ryan Brady, Sandy Loh, Sanford Santacrocce, Shawn Allen, Shawn Martin, Simone Vega, Steve Ross, Steven Huie, Tamara Carrion, Ted O'Brien, Timothy Chartier, Timothy Choate, Todd Rappoport, Tony Galarza, Ukamaka C. OnyekeluEze, Victor K. Chu, Vincent A. Parker, Yoojin Yoo, Zain Surmawala, Zan Jabara, Zephorah Nuré

## L.A. NOIRE SCORE

### SCORE COMPOSED BY

Andrew Hale

### ORCHESTRAL SCORE COMPOSED BY

Andrew Hale and Simon Hale

### "INVESTIGATION THEME" COMPOSED BY

Bob Brookman and Andrew Hale

### "JJ" COMPOSED BY

Larry Grenadier

### ANDREW HALE:

Piano, Keyboards, Programming

### SIMON HALE:

Piano, Orchestral Arrangements, Conductor

### ADDITIONAL PROGRAMMING / SOUND DESIGN BY

Ian Duncan and Nick Phillips

## JAZZ RECORDING SESSIONS:

### GERARD PRESENCER:

Trumpet/Flugelhorn/  
Arrangements

### MARK TURNER:

Saxophones

### JOHN TAYLOR:

Piano

### DAVID FRIEDMAN:

Vibraphone

### LARRY GRENADIER:

Acoustic Bass

### JEFF BALLARD:

Drums

### RECORDED AT METROPOLIS STUDIOS LONDON

### ENGINEERED AND MIXED BY

Mike Pela and Andrew Hale

## ORCHESTRAL RECORDING SESSIONS:

### ORCHESTRA CONTRACTED BY

Isobel Griffiths

### CONDUCTOR:

Simon Hale

### LEAD VIOLIN:

Everton Nelson

### LEAD 2<sup>ND</sup> VIOLIN:

Richard George

Fiona McNaught

Bill Hawkes

Chris Worsley

Ian Burdge

Stacey Watton

### 1<sup>ST</sup> VIOLA:

### 1<sup>ST</sup> CELLO:

### 1<sup>ST</sup> BASS:

### CLARINET/ALTO SAX/ SOPRANO SAX /FLUTE:

Nick Moss

### CLARINET/TENOR SAX/FLUTE:

Jamie Talbot

### BASS CLARINET/ BARITONE SAX/FLUTE:

Tim Holmes

### SAXOPHONE/FLUTE:

Phil Todd

## FRENCH HORN:

Philip Bastop  
Neil Shewan

## TRUMPETS/FLUGELHORN:

John Barclay  
Noel Langley  
Tom Rees-Roberts

## TENOR TROMBONE:

Richard Edwards

## BASS TROMBONE:

Dave Stewart

## TUBA:

Owen Slade

## HARP:

Camilla Pay

## PIANO:

Simon Chamberlain

## PERCUSSION:

Bill Lockhart  
Chris Baron

## RECORDED AT ABBEY ROAD STUDIOS LONDON

### ENGINEERED AND MIXED BY

Peter Cobbin and Andrew Dudman

### ADDITIONAL MATERIAL RECORDED

at OwlSpace Studio London

### RECORDED AND MIXED BY

Mike Pela and Andrew Hale

## JAZZ VOCAL RECORDING SESSION:

### MARA CARLYLE:

Vocals

### SIMON HALE:

Piano

### NOEL LANGLEY:

Trumpet

### STEVE MCMAHUS:

Bass

### RALPH SALMINS:

Drums

## RECORDED AT ANGEL STUDIOS, LONDON AND

## OWLSPACE STUDIO LONDON

### ENGINEERED BY Gary Thomas.

### MIXED BY Andrew Hale

## TAIKO RECORDING SESSION:

### TETSURO HAITO GROUP:

Taiko Drums

### SACHIO SUGIURA:

Shakuhachi

## RECORDED AT ONKIO HAUS STUDIOS, TOKYO

### ENGINEERED BY Makoto Kubota.

### MIXED BY Andrew Hale

## ADDITIONAL SCORE COMPOSED BY WOODY JACKSON.

### MASA TSUZUKI:

Engineer and Editor

### VALENTE TORREZ:

Engineer

### TODD SIMON:

Orchestration,  
Flugelhorn

### DAVEY CHEGWIDDEN:

Percussion  
and Drums

### PABLO CALOGERO:

Bass Clarinet,  
Baritone Saxophone,  
Bass Flute

**RYAN FEVES:** Upright Bass

**GUS SEYFFERT:** Upright Bass

**MIKE BOLGER:** Trumpet, French Horn

**ANOUSH SABOKTAKIN:** Additional Orchestration  
on Fall from Grace

**RECORDED AT ELECTRO-VOX RECORDING STUDIOS,  
LOS ANGELES, CA**

## ELSA SONGS:

**"GUILTY"**

**"(I ALWAYS KILL) THE THINGS I LOVE"**

**"TORCHED SONG"**

**ALL SONGS WRITTEN AND PRODUCED BY  
Stephen Coates.**

**PERFORMED BY**

The Real Tuesday Weld.

**VOCALS PERFORMED BY:**

Claudia Brucken.

**VOCALS RECORDED BY:**

Paul Humphreys.

**PUBLISHED BY:**

Six Degrees Music.

## KTI RADIO

**WRITTEN BY:** Lazlow, Mike Unsworth,

Rupert Humphries

**RADIO VOICES:** Bill Lobley, Henry Strozler,  
Larry Kenney, Laura Heywood

**RADIO SHOWS:**

The Bickersons originally aired 1/12/47

The Bickersons originally aired 4/20/47

The Bickersons radio program is Copyright  
Philip Rapp. All rights reserved. Audio  
segments provided by RadioSpirits.com

**THE JACK BENNY PROGRAM:**

originally aired 11/16/47

The Jack Benny radio program is Copyright  
Trust "O" under Will of Jack Benny, under  
license from Trust "O" under Will of Jack  
Benny. All rights reserved. Audio  
segments provided by RadioSpirits.com.

**THE CHARLIE MCCARTHY SHOW:**

originally aired 10/19/47

The Edgar Bergen & Charlie McCarthy Show  
radio program is Copyright The Bergen  
Foundation, under license from the Bergen  
Foundation. All rights reserved. Audio  
segments provided by RadioSpirits.com.

1940s radio consulting by Greg Bell Media

## RADIO SONGS:

**"AIN'T NOBODY HERE BUT US CHICKENS"**

Alex Kramer, Joan Whitney  
Performed by Louis Jordan  
Published by Bourne Co. (ASCAP), Universal Music  
Publishing (ASCAP)  
Courtesy MCA/Universal Music Enterprises

**"BATTLE OF THE BLUES, PART 1"**

Harris Joe Turner  
Performed by Big Joe Turner  
Published by EMI Unart Catalog, Inc. (BMI)  
Courtesy Capitol Music Group

**"BEFORE LONG"**

Sid Catlett, Carl Sigman  
Performed by Louis Armstrong &  
His Orchestra  
Published by Music Sales Corp. (ASCAP)  
Courtesy RCA/Sony BMG

**"BLACK AND BLUE"**

Thomas Waller, Andy Razaf, Harry Brooks  
Performed by Frankie Laine  
Published by Anne Rachel Music/Warner/Chappell  
Music, Inc. (ASCAP), Filmatrax Copyright Holdings,  
Inc./EMI Mills Music, Inc. (ASCAP), Razaf Music  
Company/Wixen Music (ASCAP)  
Courtesy Universal Music Enterprises

**"BOBBY SOX BLUES"**

Dootsie Williams  
Performed by T-Bone Walker  
Published by Black and White Music/Unichappell  
Music, Inc. (BMI)  
Courtesy Charly Records/Capitol Music Group

**"EAGER BEAVER"**

Stanley Kenton  
Performed by Stan Kenton &  
His Orchestra  
Published by EMI Robbins Catalog, Inc. (ASCAP)  
Courtesy Echo Jazz/Capitol Music Group

**"HEY! BA-BA-RE-BOP"**

Curley Hamner, Lionel Hampton  
Performed by Lionel Hampton &  
His Orchestra  
Published by Universal Music Corp. (ASCAP)  
Courtesy EBT Records/Universal Music Enterprises

**"HUMPH"**

Thelonious Monk  
Performed by Thelonious Monk  
Published by Thelonious Music Corp./Second Floor  
Music (BMI)  
Courtesy Capitol Music Group

**"I'M CONFESSIN'"**

Doc Daugherty, Al J. Neiburg,  
Ellis Reynolds  
Performed by Peggy Lee  
Published by Bourne Co. (ASCAP)  
Courtesy Capitol Music Group

**"INTO EACH LIFE SOME RAIN MUST FALL"**

Doris Fisher, Allan Roberts  
Performed by The Ink Spots  
Published by Roberts Allan Music Co./Music Sales  
Corp. (ASCAP), Universal Music Corp. (ASCAP)  
Courtesy Smash Records/Universal Music Enterprises

**"IT WAS A LOVER AND HIS LASS"**

William Shakespeare, Thomas Morley  
Performed by Maxine Sullivan  
Published by Dimension Gate Music (BMI)  
Courtesy Cleopatra Records by arrangement  
with The Orchard

**"JUICE HEAD BABY"**

Charles Cootie Williams  
Performed by The Cootie Williams Orchestra  
Published by Warner/Chappell Music, Inc. (ASCAP) /  
Courtesy Capitol Music Group

**"A LITTLE BIRD TOLD ME"**

Harvey Brooks  
Performed by Evelyn Knight &  
The Stardusters  
Published by Bourne Co. (ASCAP) / Courtesy Decca/  
Universal Music Enterprises

**"MANTECA"**

Walter Gilbert Fuller, John Gillespie,  
Luciano Chano Pozo Gonzales  
Performed by Dizzy Gillespie  
Published by Music Sales Corp. (ASCAP), Twenty-  
Eight Street Music/Boosey and Hawkes, Inc. (ASCAP)  
Courtesy RCA/Victor/ Sony BMG

**"MAYBE I SHOULD CHANGE MY WAYS"**

Edward Kennedy Ellington, John Latouche  
Performed by Duke Ellington  
Published by Chappell-Co. Inc. (ASCAP), Sony/ATV  
Tunes LLC (ASCAP)  
Courtesy Sony BMG

**"MOVE IT ON OVER"**

Hank Williams  
Performed by Hank Williams  
Published by Sony/ATV Acuff Rose Music (BMI)  
Courtesy Polydor/Universal Music Enterprises

**"MURDER HE SAYS"**

Frank Loesser, Jimmy McHugh  
Performed by Dinah Shore  
Published by Sony/ATV Harmony (ASCAP)  
Courtesy RCA/Sony BMG

**"MY HEART IS A HOBO"**

Johnny Burke, Jimmy Van Heusen  
Performed by Bing Crosby  
Published by Bourne Co. (ASCAP),  
Music Sales Corp. (ASCAP)  
Courtesy Seth Berg

**"NEAR YOU"**

Francis Craig, Kermit Goell  
Performed by Andrew Sisters  
Published by Warner/Chappell, Inc. (ASCAP)  
Courtesy MCA Records/Universal Music Enterprises

**"ONE O'CLOCK JUMP"**

William Count Basie  
Performed by Count Basie & His Orchestra  
Published by EMI Music Publishing, Inc. (ASCAP)  
Courtesy Verve Records/Universal Music Enterprises

**"OOP POP A DA"**

Babs Gonzales  
Performed by Dizzie Gillespie &  
Charlie Parker  
Published by Music Sales Corp. (ASCAP)  
Courtesy Classics/Capitol Music Group

**"PISTOL PACKIN' MAMA"**

Al Dexter  
Performed by Bing Crosby & Andrew Sisters  
Published by Universal Songs of Polygram  
International, Inc. (BMI)  
Courtesy Music & Memories/Universal Music  
Enterprises

**"RED SILK STOCKINGS AND GREEN PERFUME"**

Bob Hillard, Sammy Mysels, Dick Sanford  
Performed by Swing and Sway with  
Sammy Kaye  
Published by Bourne Co. (ASCAP), Music Sales Corp.  
(ASCAP), Penn Music Co. (ASCAP)  
Courtesy Sony BMG

**"SEEMS LIKE OLD TIMES"**

John Jacob Loeb, Carmen Lombardo  
Performed by Vaughn Monroe  
Published by Bughouse Music (ASCAP), The Flojan Music  
Publishing Co. (ASCAP) / Courtesy Columbia Records/  
Sony BMG

**"SING SING SING"**

Louis Prima  
Performed by Gene Krupa  
Published by EMI Robbins Catalog, Inc. (ASCAP) /  
Courtesy Verve/Universal Music Enterprises

**"A SLICK CHICK ON THE MELLOW"**

Harvey O. Brooks  
Performed by Dinah Washington  
Published by Universal Music Corp. (ASCAP)  
Courtesy Mercury/Universal Music Enterprises

**"SMOKE! SMOKE! SMOKE! (THAT CIGARETTE)"**

Merle Travis, Tex Williams  
Performed by Tex Williams  
Published by Unichappell Music, Inc. (BMI)  
Courtesy Capitol Music Group

**"STONE COLD DEAD IN THE MARKET"**

Frederick W. Hendricks  
Performed by Ella Fitzgerald &  
Louis Jordan  
Published by Universal Music Publishing (ASCAP)  
Courtesy Universal Music Enterprises

**"THAT OLE DEVIL CALLED LOVE"**

Doris Fisher, Allan Roberts  
Performed by Billie Holiday  
Published by Roberts Allan Music Co./Music Sales  
Corp. (ASCAP), Universal Music Corp. (ASCAP)  
Courtesy Disky/Universal Music Enterprises

**"THAT'S MY DESIRE"**

Helmy Kresa, Carroll Loveday  
Performed by Martha Tilton  
Published by EMI Mills Music, Inc. (ASCAP), Music  
Sales Corp. (ASCAP) / Courtesy EMI/Capitol Music Group

**"WOLF ON THE RIVER"**

Amos Milburn  
Performed by Amos Milburn  
Published by EMI Longitude Music (BMI)  
Courtesy EMI/Capitol Music Group

**"YOU DO"**

Mack Gordon, Josef Myrow  
Performed by Margaret Whiting  
Published by WB Music Corp. (ASCAP)  
Courtesy Capitol Music Group

**NOTES**

**NOTES**

## NOTES

## NOTES

---

### CUSTOMER SUPPORT

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.

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

---

### OUR TECHNICAL SUPPORT CONTACT DETAILS

**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)

**NETHERLAND** 0900-2040404 (EUR 0,80CT P/M)  
**BELGIË** 0902-88079 (EUR 0,80CT P/M)

**FAX** (01429) 233677

**E-MAIL** TAKE2@EUROPE.SUPPORT.COM  
TECH.SUPPORT@TAKE2EUROPE.COM

**WEBSITE** WWW.TAKE2GAMES.CO.UK

---

©2006 - 2011 Rockstar Games, Inc. Rockstar Games, L.A. Noire, and the  marks and logos are trademarks and/or registered trademarks of Take-Two Interactive Software. Portions © Copyright Master Licensing, Inc., 2010, all rights reserved. Naked City and Naked City-related trademarks and trade dress are trademarks of Master Licensing, Inc. The Team Bondi mark and logo is property of Team Bondi Pty. Ltd. All other marks and trademarks are properties of their respective owners. Dolby and the double-D symbols are trademarks of Dolby Laboratories. All rights reserved.

L.A. Noire uses Havok®. ©Copyright 1999-2008 Havok.com, Inc. (and its Licensors). All Rights Reserved. See [www.havok.com](http://www.havok.com) for details.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

Uses Bink Video. Copyright © 1997-2011 by RAD Game Tools, Inc.

Certain imagery supplied by CSA Images. All rights reserved.

Depth Analysis and MotionScan are trademarks of Depth Analysis Pty. Ltd. All rights reserved.

---

# LICENSE & WARRANTY

## LIMITED SOFTWARE WARRANTY; LICENSE AGREEMENT, AND INFORMATION USE DISCLOSURES

This document may be updated from time to time and the current version will be posted at [www.rockstargames.com/eula](http://www.rockstargames.com/eula) or [www.taketowgames.com/eula](http://www.taketowgames.com/eula). Your continued use of this Software 30 days after a revised version has been posted constitutes acceptance by you of its terms.

THIS SOFTWARE IS LICENSED, NOT SOLD. BY INSTALLING, COPYING OR OTHERWISE USING THIS SOFTWARE (DEFINED BELOW), YOU AGREE TO BE BOUND BY THE TERMS OF THIS LIMITED SOFTWARE WARRANTY AND LICENSE AGREEMENT (THE "AGREEMENT") AND THE TERMS SET FORTH BELOW. THE "SOFTWARE" INCLUDES ALL SOFTWARE INCLUDED WITH THIS AGREEMENT, THE ACCOMPANYING MANUALS, PACKAGES, PRINTED OR ELECTRONIC MATERIALS OR DOCUMENTS, AND ALL OTHER MATERIALS, INCLUDING ALL COPIES OF SUCH SOFTWARE AND ITS MATERIALS, BY OPENING THE SOFTWARE, INSTALLING, AND/OR USING THE SOFTWARE AND ANY OTHER MATERIALS INCLUDED WITH THE SOFTWARE, YOU HEREBY ACCEPT THE TERMS OF THIS AGREEMENT WITH TAKE-TWO INTERACTIVE SOFTWARE, INC. ("LICENSEOR"). IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, YOU ARE NOT PERMITTED TO INSTALL, COPY OR USE THE SOFTWARE.

### I. LICENSE

LICENSE. Subject to this Agreement and its terms and conditions, Licenseor hereby grants you the nonexclusive, non-transferable, limited right and license to install a non-copy of the Software on your personal computer for gameplay on a single computer or gaming unit, unless otherwise specified in the Software documentation. Your acquired rights are subject to your compliance with this Agreement. The term of your license under this Agreement shall commence on the date that you install or otherwise use the Software and ends on the earlier date of either your disposal of the Software or Licenseor's termination of this Agreement. Your license terminates immediately if you do not agree to the technical protection measures used in connection with the Software. The Software is being licensed to you and you hereby acknowledge that no title or ownership in the Software is being transferred or assigned and this Agreement should not be construed as a sale of any rights in the Software. All rights not specifically granted under this Agreement are reserved by Licenseor and, as applicable, its licensors.

OWNERSHIP. Licenseor retains all right, title and interest to the Software, including, but not limited to, all copyrights, trademarks, trade secrets, trade names, proprietary rights, patents, titles, computer codes, audiovisual effects, themes, or characters names, graphics, dialog, settings, artwork, sounds effects, musical works, and moral rights. The Software is protected by United States copyright and trademark law and applicable laws and treaties throughout the world. The Software may not be copied, reproduced or distributed in any manner or medium, in whole or in part, without prior written consent from Licenseor. Any persons copying, reproducing or distributing all or any portion of the Software in any manner or medium, will be willfully violating the copyright laws and may be subject to criminal penalties in the United States and other countries. Licenseor's rights in the Software are subject to statutory penalties of up to \$150,000 for the violation. The Software contains certain licensed materials and Licenseor's licensors may also protect their rights in the event of any violation of this Agreement. All rights not expressly granted to you herein are reserved by the Licenseor.

### LICENSE CONDITIONS.

You agree not to: a. Commercially exploit the Software; b. Distribute, lease, license, sell, rent or otherwise transfer or assign the Software, or any copies of the Software, without the express prior written consent of Licenseor or its licensors; c. Create a copy of the Software or any part thereof (other than as set forth herein); d. Making a copy of this Software available on a network for use or download by multiple users; e. Except as otherwise specifically provided by the Software or this Agreement, use or install the Software (or permit others to do so) on a network, for on-line use, or on more than one computer or gaming unit at the same time; f. Copy the Software onto a hard drive or other storage device in order to bypass the requirement to run the Software from the included CD-ROM drive or other media, in whole or in part; g. Use or copy the Software at a computer gaming center or any other location-based site; provided, that Licenseor may offer you a separate site license agreement to make the Software available for commercial use; h. Reverse engineer, decompile, disassemble, prepare derivative works based on or otherwise modify the Software, in whole or in part; i. Remove or modify any proprietary notices, marks or labels contained on or within the Software; and j. Export or re-export, directly or indirectly into any country forbidden to receive such Software by any U.S. export laws or accompanying regulations or otherwise violate such laws or regulations, that may be amended from time to time.

ACCESS TO SPECIAL FEATURES AND/OR SERVICES, INCLUDING DIGITAL COPIES. Software download, redemption of a unique serial code, registration of the Software, membership in a third-party services and/or membership in a Licenseor service (including acceptance of related terms and policies), may be required to access digital copies of the Software or certain un-lockable, downloadable, on-line or other special content, services, and/or functions (collectively, the "Special Features"). Access to Special Features is limited to a single user account per serial code and access to Special Features cannot be transferred, sold, or re-registered by another user unless otherwise specified. The provisions of this paragraph supersede any other term in this Agreement.

TRANSFER OF PRE-RECORDED COPIES. You may transfer the entire physical copy of pre-recorded Software and accompanying documentation on a permanent basis to another person as long as you retain no copies (including archival or backup copies) of the Software, accompanying documentation, or any portion or component of the Software or accompanying documentation, and the recipient agrees to the terms of this Agreement. Special Features, including content otherwise unavailable without a single-use serial code, are not transferable to another person under any circumstances and Special Features may cease functioning if the original installation copy of the software is deleted or otherwise rendered unusable. If the Software is transferred to another person for private use only, NOTWITHSTANDING THE FOREGOING, YOU MAY NOT TRANSFER ANY PRE-RELEASE COPIES OF THE SOFTWARE.

TECHNICAL PROTECTIONS. The Software may include measures to control access to the Software, control access to certain features or content, prevent unauthorized copies, or otherwise attempt to prevent anyone from exceeding the limited rights and licenses granted under this Agreement. If the Software permits access to Special Features, only one copy of the Software may access those features at one time. Additional terms and registration may be required to access online services, including downloading updates and patches. You may not interfere with such access control measures or attempt to disable or circumvent such security features. If you disable or otherwise tamper with the technical protection measures, the Software will not function properly.

USER CREATED CONTENT: The Software may allow you to create content, including but not limited to a gameplay map, a scenario, screenshot of a car design or a video of your game play. In exchange for use of the Software, and to the extent that you contribute through the use of the Software, you agree to assign to Licenseor, you hereby grant Licenseor an exclusive, perpetual, irrevocable, fully transferable and sub-licensable worldwide right and license to use your contributions in any way and for any purpose in connection with the Software and related goods and services, including the rights to reproduce, copy, adapt, modify, perform, display, publish, broadcast, transmit, or otherwise communicate to the public by any means whether now known or unknown and distribute your contributions without any further notice or compensation to you of any kind for the whole duration of protection granted to intellectual property rights by applicable laws and international conventions. You hereby waive any moral rights of paternity, publication, reputation, or attribution with respect to Licenseor's and other players' use and enjoyment of such assets in connection with the Software and related goods and services under applicable law. This license grant to Licenseor, and the above waiver of any applicable moral rights, survives any termination of this license.

INTERNET CONNECTION. The Software may require an internet connection to access internet-based features, authenticate the Software, or perform other functions. The Software may require an internet connection to operate properly, you may be required to have and maintain (a) an adequate internet connection and/or (b) a valid and active account with an online service as set forth in the Software documentation, including but not limited to third-party gaming platform, Licenseor or a Licenseor affiliate. If you do not maintain such accounts, then certain features of the Software may not operate or may cease to function properly, either in whole or in part.

### II. INFORMATION COLLECTION & USAGE.

By installing and using this software, you consent to these information collection and usage terms, including (where applicable) transfer of data to Licenseor and affiliated companies into a country outside of the European Union and the European Economic Area. If you connect to the Internet when using the Software, either through a gaming platform network, or any other method, Licenseor may receive information from hardware manufacturers or gaming platform providers, such as your device name, IP address, or other information from your computer. This information may include, but is not limited to, user IDs (such as gamer tags and screen names), game scores, game achievements, game performance, locations visited, buddylists, hardware MAC address, internet protocol address, and your usage of various game features. All information collected by Licenseor is intended to be anonymous information that does not disclose your identity or constitute personal information, however, if you include additional information (such as your real name) in your user ID, then such personal information will automatically be transmitted to Licenseor and used as described herein.

The information collected by Licenseor may be posted by Licenseor on publicly-accessible web sites, shared with hardware manufacturers, shared with platform hosts, shared with Licenseor's marketing partners or used by Licenseor for any other lawful purpose. By using this Software you consent to the Licenseor's use of related data, including public display of your data such as identification of your user created content or displaying your scores, ranking, achievements and other gameplay data. If you do not want your information shared in this manner, then you should not use the Software.

### III. WARRANTY

LIMITED WARRANTY: Licenseor warrants to you (if you are the initial and original purchaser of the Software) that the original storage medium holding the Software is free from defects in material and workmanship under normal use and service for 90 days from the date of purchase. Licenseor warrants to you that this Software is compatible with a personal computer meeting the minimum system requirements listed in the Software documentation or that it has been certified by a third party to be compatible with the gaming unit for which it has been published, however, due to variations in hardware, software, internet connections and individual usage, Licenseor does not warrant the performance of this Software on your specific computer or gaming unit. Licenseor does not warrant against interference with your enjoyment of the Software; that the Software will meet your requirements; that operation of the Software will be uninterrupted or error-free, or that the Software will be compatible with third party software or hardware or that any other party's use of the Software will be compatible with the Software. Licenseor or any authorized representative shall create a warranty, because some jurisdictions do not allow the exclusion of or limitations on implied warranties or the limitations on the applicable statutory rights of a consumer, some or all of the above exclusions and limitations may not apply to you.

If for any reason you find a defect in the storage medium or Software during the warranty period, Licenseor agrees to replace, free of charge, any Software discovered to be defective within the warranty period as long as the Software is currently being manufactured by Licenseor. If the Software is no longer available, Licenseor retains the right to substitute a similar piece of Software of equal or greater value. This warranty is limited to the storage medium and the Software as originally provided by Licenseor and is not applicable to normal wear and tear. This warranty shall not be applicable and shall be void if the defect has arisen through abuse, mistreatment, or neglect. Any implied warranties prescribed by statute are expressly limited to the 90-day period described above.

Except as set forth above, this warranty is in lieu of all other warranties, whether oral or written, express or implied, including any other warranty of merchantability, fitness for a particular purpose or non-infringement, and no other representations or warranties of any kind shall be binding on Licenseor.

When returning the Software subject to the limited warranty above, please send the original Software only to the Licenseor address described below and include: your name and return address; a photocopy of your dated sales receipt; and a brief note describing the defect and the system on which you are running the Software.

IN NO EVENT WILL LICENSEOR BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM POSSESSION, USE OR MALFUNCTION OF THIS SOFTWARE, INCLUDING BUT NOT LIMITED TO, DAMAGES TO PROPERTY, LOSS OF GOODWILL, COMPUTER FAILURE OR MALFUNCTION AND DAMAGES EXTENDING TO DAMAGES FOR PERSONAL INJURY, PROPERTY DAMAGE, LOSS OF PROFITS OR PUNITIVE DAMAGES FROM ANY CAUSES OF ACTION ARISING OUT OF OR RELATED TO THIS AGREEMENT OR THE SOFTWARE, WHETHER ARISING IN TORT (INCLUDING NEGLIGENCE), CONTRACT, STRICT LIABILITY OR OTHERWISE, WHETHER OR NOT LICENSEOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL LICENSEOR'S LIABILITY FOR ALL DAMAGES (EXCEPT AS REQUIRED BY APPLICABLE LAW) EXCEED THE ACTUAL PRICE PAID BY YOU FOR USE OF THE SOFTWARE.

EXCEPT WHERE SOME JURISDICTIONS REQUIRE OTHERWISE, ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS AND/OR EXCLUSION OR LIMITATION OF LIABILITY MAY NOT APPLY TO YOU. THIS WARRANTY SHALL NOT BE APPLICABLE SOLELY TO THE EXTENT THAT ANY SPECIFIC PROVISION OF THIS WARRANTY IS PROHIBITED BY ANY FEDERAL, STATE, OR MUNICIPAL LAW, WHICH CANNOT BE PRE-EMPTED. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION.

TERMINATION: This Agreement is effective until terminated by you, by the Licenseor, or automatically upon your failure to comply with its terms and conditions. Upon any termination, you must destroy or return the physical copy of Software to the Licenseor, as well as permanently destroy all copies of the Software, accompanying documentation, associated materials, and all of its component parts in your possession or control including from any client server or computer on which it has been installed.

U.S. GOVERNMENT RESTRICTED RIGHTS: The Software and documentation have been developed entirely at private expense and are provided as "Commercial Computer Software" or "restricted computer software." Use, duplication or disclosure by the U.S. Government or a U.S. Government subcontractor is subject to the restrictions set forth in subparagraph (c)(1)(A) of the rights in Technical Data and Computer Software contained in DFARS 252.013-4 and as set forth in subparagraph (c)(1) and (2) of the Commercial Computer Software Restricted Rights clauses at FAR 52.227-19, as applicable. The Contractor/Manufacturer is the Licenseor at the location listed below.

EQUITABLE REMEDIES: You hereby agree that if the terms of this Agreement are not specifically enforced, Licenseor will be irreparably damaged, and therefore you agree that Licenseor shall be entitled, without bond, other security, proof of damage, to appropriate equitable remedies with respect any of this Agreement, in addition to any other available remedies.

INDEMNITY: You agree to indemnify, defend and hold Licenseor, its partners, licensors, affiliates, contractors, officers, directors, employees and agents harmless from all damages, losses and expenses arising directly or indirectly from your acts and omissions to act in using the Software pursuant to the terms of the Agreement.

MISCELLANEOUS: This Agreement represents the complete agreement concerning this license between the parties and supersedes all prior agreements and representations between them. It may be amended only by a writing executed by both parties. If any provision of this Agreement is held to be unenforceable for any reason, such provision shall be reformed only to the extent necessary to make it enforceable and the remaining provisions of this Agreement shall not be affected.

GOVERNING LAW: This Agreement shall be construed (without regard to conflicts or choice of law principles) under the laws of the State of New York, as such law is applied to agreements between New York residents entered into and to be performed within New York, except as governed by federal law. Unless expressly waived by Licenseor in writing for the particular instance or contrary to local law, the sole and exclusive jurisdiction and venue for actions related to the subject matter hereof shall be the state and federal courts located in Licenseor's principal corporate place of business (New York County, New York, U.S.A.). Both parties consent to the jurisdiction of such courts and agree that process may be served in the manner provided herein for giving of notices or otherwise as allowed by New York state or federal law. The parties agree that the UN Convention on Contracts for the International Sale of Goods (Vienna, 1980) shall not apply to this Agreement or to any dispute or transaction arising out of this Agreement.

IF YOU HAVE ANY QUESTIONS CONCERNING THIS LICENSE, YOU MAY CONTACT LICENSEOR IN WRITING  
ROCKSTAR GAMES, 622 BROADWAY, NEW YORK, NY 10012. A Take2 Company