

CONTENTS

INTRODUCTION	3	The Apple Loop Utility.....	35
CHAPTER 1: GETTING TO KNOW YOUR MAC	4	Punching In and Out.....	36
CHAPTER 2: MIDI AND LOGIC PRO	7	CHAPTER 7: EDITING	38
Understanding MIDI.....	7	Mono and Stereo Track Editing	38
MIDI Devices	8	Multitrack Editing	41
CHAPTER 3: AUDIO DEVICES AND LOGIC PRO	10	Organizing Your Arrange Page	43
Choosing the Right Audio Device— and a Word About USB	10	CHAPTER 8: LOGIC PRO AND MIDI	46
The Difference Between USB v1, USB v2 and Firewire	12	MIDI Is Your Friend	46
Summing Up USB/Firewire Choices	13	Logic and MIDI Editing	46
The Audio MIDI Setup Utility in Mac OS X....	13	A Closer Look at MIDI	48
● Mini Logic Lesson: Likely Reasons You Can't See Your Audio Device.....	14	Quantizing and Other MIDI Functions	48
CHAPTER 4: CHOOSING AND USING MICROPHONES	16	CHAPTER 9: PLUG-INS	53
● Mini Logic Lesson: Three Types of Microphones	16	Guitar and Bass Plug-Ins	53
Condenser Microphones.....	16	Keyboard and Effects Plug-Ins	54
Powering Up the Microphone.....	17	Get Your Tweak On	54
Dynamic Microphones	18	CHAPTER 10: MIXING	55
Ribbon Microphones.....	19	Getting Started.....	55
Why Choose the Condenser Microphone?.....	19	Get It In the Ball Park	57
USB Microphones	20	Automation Will Change Your Life	62
Choosing an Audio Interface	21	Makin' Copies	66
CHAPTER 5: SETTING UP YOUR FIRST SESSION IN LOGIC PRO	22	CHAPTER 11: ADDITIONAL FEATURES	67
Creating and Configuring Projects	22	These Go to Eleven.....	67
Save, Save, Save!.....	24	Importing Ease	69
Recording Test Audio	29	Flexing Some Audio Muscle	72
CHAPTER 6: CREATING A SONG	32	FINAL TAKE	76
Getting Started with Loops.....	32	ABOUT THE AUTHOR	76
Incorporating MIDI Loops.....	35	INDEX	77

CHAPTER 1 GETTING TO KNOW YOUR MAC

Before you dig into Logic, you'll need to be familiar with your Mac. Computers come in all shapes and sizes these days, ranging from entry-level models to machines with enough power under the hood to create many dozens of simultaneous tracks for simultaneous playback. So before we get too far, it is important to understand what your Mac is capable of doing.

This book deals mostly with Logic Pro 8. However, Logic Pro 9 has recently been released, and its system requirements are also listed here. Be sure to read the requirements for each version, because there are differences. (I've also dedicated an entire chapter at the end of this book to Logic Pro 9 feature updates.)

System Requirements for Logic Pro 8

Minimum Requirements to Install All Applications		
<ul style="list-style-type: none"> Mac computer with a 1.25GHz or faster PowerPC G4 processor (PowerPC G5, Intel Core Duo or Intel Xeon processor highly recommended) 	<ul style="list-style-type: none"> 1 GB of RAM (2 GB or more highly recommended) Display with 1,024-by-768 resolution (1,280-by-800 or higher recommended) Mac OS 10.4.9 or later 	<ul style="list-style-type: none"> QuickTime 7.2 or later DVD drive for installation PCI Express, ExpressCard/34, USB or FireWire-based audio interface recommended
<p>Additional Recommendations for Logic Pro</p> <ul style="list-style-type: none"> At least 2 GB of RAM for large EXS instruments USB musical keyboard (or suitable MIDI keyboard and interface) for instruments Logic Node requires a Mac computer with a PowerPC G5, Intel Core or Intel Xeon processor and Gigabit Ethernet 	<p>Surround Requirements for Logic Pro and Soundtrack Pro</p> <ul style="list-style-type: none"> Mac computer with dual PowerPC G5 processors or an Intel Core Duo or Xeon processor Multichannel audio interface 	<p>Available Disk Space</p> <ul style="list-style-type: none"> 7 GB required to install all applications and required content Additional 39 GB required to install optional content (large content packages can be installed on separate disk) 10 GB for Jam Pack collections 16 GB for sound effects 6 GB for surround music beds 7 GB for other optional content