The Manhole

CYAN

Welcome to the world in and around *The Manhole*. Remember this is not a race, and you don't win or lose. The idea behind *The Manhole* is exploration. Take your time, look around, click on everything, and enjoy the journey. Every time you play, you'll probably find something new.

To move around you simply click where you want to go. If your hand points to the left or right, clicking will turn you that direction. In some places you can look up or down as well. Sometimes clicking a second time on a creature or object produces a different response.

Contents

Macintosh Installation

1. Put *The Manhole CD-ROM* into your CD-ROM drive.
2. Double-click *The Manhole CD-ROM* icon to open a window showing the contents.
3. Double-click *The Manhole Installer* icon.
4. Once the installer has opened, click once on the *Install* button.
5. Quit *The Manhole Installer* after installation is complete.
6. Double-click on *The Manhole* [icon] that is now on your hard drive.

Game Options

To protect against a wandering mouse (in the hands of a curious 4 year old), the Menu Bar is usually hidden. To make the Menu Bar visible, hold down the command (⌘) key and press the Spacebar. Here's what's available on the Menu Bar:

- **File Menu** - Quit The Manhole.

- **Option Menu**
    Transitions - Adjust the speed and quality of transitions between screens.
    Play Music -Turn the background music on or off.
    Stereo -   Turn stereo music on or off. If you do not have a Macintosh that has stereo capability, or if you do not have stereo speakers, then **do not** turn this item on. (It will slow things down.)

- **Volume Menu** - Adjust the sound volume.

- Almost all of the Menu items have command key (⌘) equivalents for each menu item. For example, to quit *The Manhole*, simply press ⌘-Q.

- If at any time you wish to skip the introductions to *The Manhole* just click anywhere on the screen to advance directly to the game.

Macintosh Troubleshooting

If, while in *The Manhole* you are having some trouble, the points below should resolve your problems.

PowerMacs

Set Modern Memory Manager

Running System 7.1.2...
    Turn off *Modern Memory Manger* using the *Memory* Control Panel.

Running System 7.5 and up...
    Turn on *Modern Memory Manager* using the *Memory* Control Panel.

PowerMacs and Non-PowerMacs

Adjusting Memory (RAM)
If you have 8 Meg of RAM (on a PowerMac), or 5 Meg of RAM (on a non-PowerMac) you may not have enough memory to run *The Manhole* properly. There are a few things you can do to help solve this problem.

A. Buy more memory.

B. Use a product such as RAM Doubler. (This will decrease performance of *The Manhole* but will temporarily resolve a shortage of memory.)

C. Reduce the number of Extensions used by your computer. Extensions (and some Control Panels) use up memory that your Macintosh needs to run other programs. Many of the Extensions you have aren't necessary to run *The Manhole*. There are a couple of steps you can take in order to inform your computer not to use those "unnecessary" Extensions:

System 7.5 or Later...
1. Open the *Extensions Manager* control panel.
2. In the *Sets* box choose *All Off*.
3. Find and select the following items:
    Apple CD-ROM (or your appropriate CD-ROM Driver), *QuickTime, QuickTime PowerPlug, SoundManager* and *Apple Multimedia Tuner.*

continued...

4. When just those five are checked, in the Sets box choose *Save Set*.

5. Save the set as "Manhole" and then restart your machine.

6. The *Extensions Manager* will not change sets on its own. When you wish to use your computer for another purpose, you should open the *Extensions Manager* again and choose *All On* in the "Sets" box, and visa versa for playing *The Manhole*.

System 7.0.1 up to but not including 7.5...

1. Manually remove Extensions and Control Panels if you feel comfortable doing this. However, most likely this is not a necessary step and you should try other things first. If you feel it is necessary, we suggest you either buy more memory or upgrade to System 7.5, and then complete the steps listed for System 7.5.

PowerMacs and Non-PowerMacs

Adjusting memory for *The Manhole*

A. Check your computer's *Largest Unused Block* located by selecting *About This Macintosh...* located under the *Apple Menu...*

About This Macintosh	
Power Macintosh 7100/66	System Software 7.5 © Apple Computer, Inc. 1983-1994
Total Memory: 40,960K	Largest Unused Block: 21,199K
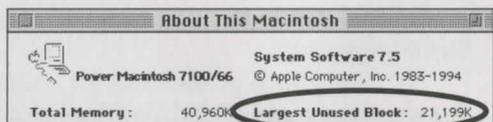
B. Click **once** on *The Manhole* icon that is on your hard drive.

C. Select *Get Info,* located in the *File Menu,* and find the Memory Requirements located in the lower right-hand corner of the *Get Info* window.

Memory Requirements		
Suggested size:	3000	K
Minimum size:	3000	K
Preferred size:	3400	K
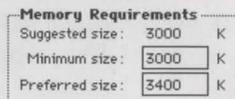
D. Set the *Preferred Size* to an amount that is 400 K less than the *Largest Unused Block..* If sound still does not play right, sometimes (on PowerMacs) the *Preferred Size* must be even lower. (In some cases 1000 K lower) Go ahead and experiment to see what the right size is for your Macintosh.

PowerMacs and Non-PowerMacs:

General Settings

- Set *Sound* control panel (Sound Out) to 22.050 kHz, 16 bit, Stereo.

- Set *Monitors* control panel to 256 colors **before** starting *The Manhole*.

- If you have Apple's GeoPort Telecom Adapter, set the *Express Modem* control panel to **off**.

- Turn **off** Speech Recognition using the *Speech Setup* control panel.

Cyan Technical Support

If you have tried everything, and are about to rip the hair out of your scalp, you may obtain technical advice via the internet at: tech-support @ cyan.com, or, give our tech support department a call at 509-468-0807 and we will gladly try to solve the problem.

Windows MPC Installation

Windows
(If you are running Windows '95, refer to the Windows '95 section.)

1. Insert *The Manhole CD-ROM* into your CD-ROM drive.
2. If not currently running Windows, type: **WIN,** at the C:> prompt.
3. After Windows loads, you will be in the *Program Manager*. From the *Main Program Group* window:
   a. Double-click on the *File Manager* icon to launch it.
   b. Select your CD-ROM drive.
   c. From the *File Manager*, double-click on "setup.exe" (from the right window) to begin the installation to install a new Program Group and icon.
4. Follow the prompts to add a new *Program Group, Manhole Icon,* and *QuickTime for Windows.*
5. From the *Program Manager*, select the *Program Group* "Cyan Games".
6. Double-click on the rabbit icon "Manhole Masterpiece Edition" (located in the right-hand window) to launch the game.

Windows '95
(If you are running Windows, refer to the Windows section.)

1. Insert *The Manhole CD-ROM* into your CD-ROM drive.
2. Double-click the "My Computer" icon in the upper left of you screen.
3. Double-click "Manhole (D:)".
4. Double-click "Setup".
5. Follow the prompts to add a new *Program Group, Manhole Icon,* and *QuickTime for Windows.*
6. Click on the "Start" icon in the lower left of your screen.
7. Enter *Programs* and from there *Cyan Games* and from there *Manhole Masterpiece Edition.* Click on the *Manhole Masterpiece Edition* icon to start the game.

Game Options

You can control the following features from the Control Panel which resides above *The Manhole* screen. Simply move your pointing hand to the top of your screen to bring up the Control Panel.

Sound	Select the left or right arrow buttons to lower or raise the volume respectively.
Music	Off, Mono, and Stereo. Select a button that suits your taste.
Transitions	Best, Fast, Fastest. Make selections that work best on your computer.
Quit	If the "Kid Mode" has not been selected, you may quit *The Manhole* by selecting this button. Otherwise, press "AltF4".
Kid Mode	Changes the "Quit" button to "Alt +F4" requiring a child to have the ability to read to quit *The Manhole*. This helps to protect your personal files from curious mouse clicks and deletes that may come from our youngest game players.

Troubleshooting

PROBLEM	SOLUTION
Not enough disk space.	*Manhole* requires very little hard drive space; only enough for *The Manhole* icon. If you find yourself shy of the 1K needed, you may have to remove an item or two from your hard drive before installing *The Manhole*.

PROBLEM	SOLUTION
No sound	Check that the Music "Mono" or "Stereo" button is selected on the Control Panel located directly above *The Manhole* game screen. Your PC must have a SoundBlaster Pro, or compatible sound board that conforms to the Windows Sound System Compatibility specifications. Refer to the listings at the end of this section for information.
Slow	Switch to "Fast" or "Fastest" transitions in the Control Panel.
Manhole simply doesn't work	Add or edit the OPTIMIZE= line in the video section of the QTW.INI file to OPTIMIZE=BMP. This file is located in the Windows directory. Disable your SMARTDRIVE program in either your CONFIG.SYS or AUTOEXEC.BAT file by placing a REM or ; (semicolon) command in front of the line and rebooting your system. Increase your Virtual Memory swap file to 10,000 and keep your Windows resources at 85 percent. Update your device drivers for your sound card, video card, and CD-ROM components. See "Corporate Listings Device Drivers" at the end of this section for a complete listing.

Cyan Technical Support

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Corporate Listings Device Drivers

Sound Cards

ACS USA Inc.
PHONE: (408) 481-9988
Current driver: ES688 WIN.DRV ver. 4.0; ES688 WIN.VXD ver 4.0

Activision
(310) 207-4500

Adlib Multimedia Inc.
(800) 463-2686

Advanced Gravis
Tech Support: +1 604 431-1807
CURRENT DRIVERS: Ver. 5.50

Advanced Strategis Corp.
(516) 482-0088

Alpha Systems Lab Inc.
(800) 998-3883

Altec Lansing
(800) 258-3288

Antex Electronics Corp.
PHONE: (800) 338-4231
CURRENT DRIVER:
ANTEXWAV.DRV ver. 2.0

Artisoft
(800) 846-9726

ASC Computer Systems
(313) 882-1133

Audiowave Technology Inc.
(800) 750-7602

AVM Technology Inc.
PHONE: (800) 880-0041
CURRENT DRIVERS: Alta 2 - ALTA.DRV ver 3.0   AV Media - AVMEDIA.DRV ver 1.0

Aztech Labs Inc.
PHONE: (800) 886-8829

Cardinal Technologies
Tech Support: (717)293-3124, 9-5 EST Mon.-Fri.

CompuMedia Technology Inc.
(510) 656-9811

Covox Inc.
PHONE: (503) 342-1271

Creative Labs Inc.
Tech Support: 405-742-6622
CURRENT DRIVERS: Sound Blaster 16   SB16AUX.DRV ver. 2.10
 Sound Blaster Pro SBPAUX.DRV ver. 2.00
 Sound Blaster AWE32 SBAWE32.DRV ver. 1.24

Computer Peripherals Inc.
(800) 854-7600

Diamond Multimedia Systems, Inc.
PHONE: (800) 468-5846
CURRENT DRIVERS: OPTi Sound16 ver. 1.21

DSP Solutions
PHONE: (415) 494-8088

Echo Speech
(805) 684-4593

Ensoniq
(215) 647-3930

ESS Technology Inc.
(510) 226-1088

Genoa Systems Corp.
(800) 934-3662

IBM Personal Computer Cor
(800) 426-4843

Laser Digital Inc.
(800) 826-4225

Logitech
(800) 231-7717

Media Resources
(714) 256-5048

MediaSonic Inc.
(510) 438-9996

Media Vision Inc.
PHONE: (800) 845-5870
CURRENT DRIVERS: mciwave.drv
(5/19/94); pa3dwave.drv (5/23/94);
mvpswmd.drv (2/21/95)
MVPROAUD.DRV (8/26/93)

Mediatrix Peripherials, Inc.
PHONE: (800) 820-8749
CURRENT DRIVERS: OPL4.DRV
ver 1.02 CS31BA11.DRV ver 2.0G
YSS225.DRV ver 1.0

Microsoft Corp.
PHONE: (800) 426-9400

miro Computer Products, Inc.
PHONE: (415) 855-0940
CURRENT DRIVER: miro Sound
driver ver 1.20

MIDI Land Inc.
(909) 595-0708

Miles Design Inc.
(512) 345-2642

Multiwave Innovation Inc.
PHONE: (408) 379-2900
CURRENT DRIVERS: MWSYS ver
1.22; ES1688WN.DRV; P16.DRV;
MWI ver 1.40; MWS ver 2.5

New Media Corp.
PHONE: (714) 453-0100
CURRENT DRIVER:
WAVJAMMR.SYS ver 1.24

OmniLabs/TRM
(800) 706-3342

Orchid Technology
PHONE: (800) 767-2443
CURRENT DRIVERS:
SNDBLST2.DRV (3/10/92);
SW32.DRV ver 1.4; NUSOUND.DRV
ver 1.12;
 AUDDRV.DRV ver 1.2; WPPSA.DRV
ver 2.12; MPU401.DRV (3/10/94)

ProLink Computer Inc.
(213) 780-7978

Reveal Computer Products, Inc.
PHONE: (800) 473-8325

Roland Corp
PHONE: (213) 685-5141
CURRENT DRIVER: RAP10.DRV
ver 2.0

Sequoia Systems Inc.
(800) 562-4593

Sigma Designs Inc.
(800) 845-8086

Sun Moon Star
(408) 452-7811

Tecmar Inc.
(800) 624-8560

The Audio Solution
(314) 567-0267

Toptek Multimedia Inc.
PHONE: (818) 960-9211
CURRENT DRIVERS: Golden Sound
- Ver. 1.03   cd31ba11   cs31ba11

Turtle Beach Systems, Inc.
PHONE: (800) 645-5640

Video Associates Labs, Inc.
Phone: (800) 331-0547

Vocaltec Inc.
(800) 843-2289

Voyetra Technologies
PHONE: (800) 233-9377 (US only)

Walt Disney Software
(818) 841-3326

Yamaha Corp of America
(714) 522-9240

CD-ROM Drives

Aztech Labs, Inc.
PHONE: (800) 886-8829
CURRENT DRIVERS: CDA268-01A
ver 1.33   CDA268-03I ver 2.10

Chinon America Inc.
PHONE: (310) 533-0274

Computer Connections
PHONE: (800) 438-5336

LG Electronics (GoldStar)
PHONE: (201) 816-2000
CURRENT DRIVERS: FDCD.SYS ver
2.42; GCD-420.SYS ver 1.34; GCD-
R520.SYS ver 1.14;
GSCDR04.SYS ver 2.14

Media Vision, Inc.
PHONE: (800) 845-5870
CURRENT DRIVERS: TSLCDR.SYS
ver 3.18; DD260.SYS ver 1.31;
SLCD.SYS ver 1.73a

Micro Solutions, Inc.
PHONE: (800) 890-7227
CURRENT DRIVER: BPCDDRV.SYS
ver 2.01

Micro Design International Inc.
PHONE: (800) 228-0891
FAX: (407) 677-8365
INTERNET: info@microdes.com
CURRENT DRIVER: all ver 2.2.3

Mitsumi Electronics Corp.
PHONE: (800) 648-7864
CURRENT DRIVERS: CRMC-
FX001D ver 1.23; all others ver 1.34

NEC Technologies
PHONE: (800) 632-4636
CURRENT DRIVER: all ver 2.0

Pioneer New Media Technologies Inc.
PHONE: (800) 444-6784

Plextor (USA)
PHONE: (800) 886-3935
CURRENT DRIVERS: TSLCDR.SYS
ver 3.07; FDCD.SYS ver 4.03;
PLEXTOR.SYS ver 1.0

Reveal Computer Products Inc.
PHONE: (800) 473-8325

Sony Electronics Inc.
PHONE: (800) 326-9551
CURRENT DRIVERS: SLCD.SYS ver
1.73A; ATAPI_CD.SYS ver 2.22A;
ASPICD.SYS ver 3.11L
 SONY_CDU.SYS ver 2.20X;
PRD150.SYS ver 1.1

Toshiba America Information Systems
Inc.
PHONE: (714) 457-0777
CURRENT DRIVER: Future Domain
ver 2.5.1

Graphic Cards

Actix Systems Inc.
PHONE: (408) 986-1625

ATI Technologies Inc.
PHONE: (905) 882-2600

Cardexpert Technology Inc.
PHONE: (510) 252-1118

Diamond Multimedia Systems, Inc.
PHONE: (800) 468-5846

Genoa Systems
PHONE: (408) 432-9090

Mirage Multimedia Computers
PHONE: (800) 228-3349

miro Computer Products, Inc.
PHONE: (415) 855-0940
CURRENT DRIVER: miro Sound
driver ver 1.20

Number Nine Visual Technology Corp.
PHONE: (617) 674-0009

Orchid Technology
PHONE: (510) 683-0300

SPiDER Graphics, Inc.
PHONE (480) 526-0535

VideoLogic
PHONE: (800) 578-5644

Western Digital Corp.
PHONE: (714) 932-5000

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