

AI Orchestrator Manager - User Guide

Welcome to AI Orchestrator Manager! This guide will help you get started with setting up and using the AI Orchestrator on your Mac.

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Getting Started





What is AI Orchestrator?

AI Orchestrator is a system that intelligently routes tasks to different AI models based on their strengths:

- **OpenAI (GPT-4):** Architecture planning, roadmaps
- **Anthropic (Claude):** Coding, debugging, implementation
- **Google Gemini:** Research, analysis, testing
- **Moonshot (Kimi):** Code review, optimization

System Requirements

Before you begin, ensure your Mac meets these requirements:

-  macOS 13.0 (Ventura) or later
 -  Python 3.9 or later
 -  Git installed
 -  Internet connection
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Installation

First Launch



1. **Open the App**
 - Launch "AI Orchestrator Manager" from your Applications folder
 - Or use Spotlight (Cmd + Space) and search for "AI Orchestrator"
2. **Welcome Screen**

You'll see the welcome screen with:

- System requirements checklist
- Installation location picker
- Install button

1. Check Requirements

Click "Check All" to verify your system:

-  Green checkmark = Requirement met
-  Red X = Requirement not met (needs attention)

1. Choose Location

The default installation location is `~/ai_orchestrator`. You can:

- Keep the default
- Click "Browse..." to choose a different location

1. Install

Click "Install AI Orchestrator" and wait for the process to complete:

1. Checking requirements
2. Downloading files
3. Creating Python environment
4. Installing dependencies
5. Configuring environment
6. Setting up server

Configuration


Setting Up API Keys

1. Navigate to Configuration

- Click "Configuration" in the sidebar

2. Enter Your API Keys

For each AI provider:

- Enter your API key in the secure field
- Click the  eye icon to show/hide the key
- Click "Test" to verify the key works

1. Choose Models

Select your preferred model for each provider:

Provider	Recommended Model
OpenAI	gpt-4o-mini
Anthropic	claude-3-5-sonnet-20241022
Google	gemini-2.5-flash
Moonshot	moonshot-v1-8k

1. Save Configuration


Click “Save Configuration” to securely store your keys.

Getting API Keys

Provider	How to Get Key
OpenAI	platform.openai.com/api-keys (https://platform.openai.com/api-keys)
Anthropic	console.anthropic.com (https://console.anthropic.com)
Google	aistudio.google.com/apikey (https://aistudio.google.com/apikey)
Moonshot	kimi.moonshot.cn (https://kimi.moonshot.cn)

Using the Server

Starting the Server

1. **Go to Server Management**
 - Click “Server” in the sidebar
2. **Start the Server**
 - Click the green “Start Server” button
 - Wait for the status to show “Running”
3. **Verify It’s Running**
 - Status card shows “ Running”
 - Port information is displayed

Stopping the Server

1. Click the red “Stop Server” button
2. Wait for status to show “Stopped”

Server Configuration

- **Port:** Change the server port (default: 3000)

- **Auto-start:** Enable to start server when you log in

⚠ Stop the server before changing configuration

Using with Cursor IDE

Once the server is running, configure Cursor IDE:

1. Open Cursor settings
2. Navigate to MCP configuration
3. Add the server:

```
json
{
  "ai-orchestrator": {
    "command": "python",
    "args": ["/path/to/mcp_server/server.py"]
  }
}
```

Dashboard




The Dashboard provides an overview of your system:

Status Cards

- **Server Status:** Running/Stopped indicator
- **Active APIs:** Number of configured API connections
- **Uptime:** How long the server has been running

API Connections

Shows the status of each AI provider:

-  Connected
-  Not configured
-  Error

Quick Actions

- **Start/Stop Server:** Quick server control
- **Restart Server:** Stop and start the server
- **View Logs:** Jump to the logs view
- **Configure:** Open configuration settings

Recent Activity

Shows the latest server activity and log entries.

Viewing Logs

Log Viewer Features





1. Real-time Updates

- Logs appear as they're generated
- Auto-scroll keeps you at the latest entries

2. Filtering

- **Search:** Type to filter log messages
- **Level:** Filter by Debug, Info, Warning, or Error

3. Log Levels

-  **DEBUG:** Detailed debugging information
-  **INFO:** General information
-  **WARNING:** Potential issues
-  **ERROR:** Errors that occurred

Log Actions

- **Clear:** Remove all logs from the viewer
 - **Export:** Save logs to a text file
 - **Refresh:** Reload logs from file
-

Menu Bar






The menu bar icon provides quick access without opening the full app:

Menu Bar Icon

- **CPU icon:** Shows server status
- **Filled:** Server is running
- **Outline:** Server is stopped

Quick Menu

Click the menu bar icon to access:

-  **Start/Stop Server:** Quick toggle
 -  **Open Dashboard:** Show main window
 -  **View Logs:** Jump to logs
 -  **Configuration:** Open settings
 -  **Quit:** Exit the application
-

Troubleshooting

Server Won't Start

Symptoms: Clicking Start does nothing, or status shows Error

Solutions:

1. Check if Python is installed:
 - Open Terminal
 - Run: `python3 --version`
 - Should show Python 3.9 or later
1. Check if port is in use:
 - Open Terminal
 - Run: `lsof -i :3000`
 - If something is using the port, change it in configuration
2. Check the logs for errors

API Connection Failed

Symptoms: Test button shows error, red status indicator

Solutions:

1. Verify your API key is correct
2. Check your internet connection
3. Ensure the API service is available
4. Check if you have API credits/quota

Installation Failed

Symptoms: Installation stops with an error

Solutions:

1. Ensure Git is installed: `git --version`
2. Check internet connection
3. Try a different installation location
4. Check disk space

App Won't Open

Symptoms: App bounces in dock then closes

Solutions:

1. Check macOS version (13.0+ required)
2. Try right-click > Open (for unsigned apps)
3. Check System Preferences > Security & Privacy

Getting Help

If you're still having issues:

1. **Export logs** and review them
 2. **Check documentation** at the GitHub repository
 3. **File an issue** on GitHub with:
 - macOS version
 - Python version
 - Error messages
 - Steps to reproduce
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Keyboard Shortcuts

Shortcut	Action
⌘ + ,	Open Settings
⌘ + L	View Logs
⌘ + D	Open Dashboard
⌘ + ↑ + R	Start/Stop Server
⌘ + Q	Quit App

Updates

To update the AI Orchestrator:

1. Stop the server if running
 2. Go to the installation directory
 3. Run: `git pull`
 4. Restart the app
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Thank you for using AI Orchestrator Manager! 🚀