



LyronAI

User Guide

Version 1.0.4 | Windows 10 / 11

LYRON CODE

Getting started

LyronAI is a coding assistant for WPILib and FRC Java projects. It runs on your computer, searches the WPILib documentation, and answers your questions in a chat window that opens in your web browser. This guide covers installation, the first-time setup, and how to change your API key later.

REQUIREMENT	DETAILS
System	Windows 10 or 11. No administrator rights are needed to install.
Internet	Needed on the first launch (a small embedding model is downloaded once) and whenever you use Groq, Claude or OpenAI. Ollama answers locally.
API key	Needed for Groq, Claude and OpenAI. Not needed for Ollama.

1. Install

- Run the LyronAI setup file you downloaded and follow the wizard. Pick your language when asked.
- Tick **Create a desktop shortcut** if you want one. LyronAI is also added to the Start menu.
- Windows may show an "unknown publisher" warning for newly released apps. Click **More info**, then **Run anyway**.
- Leave **Launch LyronAI** ticked on the last page to start the first-time setup right away.

Getting an API key

Create the key in your provider's dashboard, copy it once, and keep it private: anyone who has the key can use your account.

PROVIDER	WHERE	WHAT IT LOOKS LIKE
Groq	console.groq.com	Usually starts with gsk_
Claude (Anthropic)	console.anthropic.com	Usually starts with sk - ant -
OpenAI	platform.openai.com	Usually starts with sk -
Ollama	ollama.com	No key. Install Ollama first.

Using Ollama

Ollama must be installed and running, and the default model has to be downloaded once. Open Command Prompt and run:

```
ollama pull qwen3:8b
ollama list
```

The second command lists your downloaded models so you can confirm the download finished.

First launch: the setup wizard

The first time you open LyronAI, a small setup window appears. You only see it once. Fill it in from top to bottom:

WHAT TO DO

- 1 **Provider.** Choose who will write the answers. Ollama runs on your PC, Groq is fast and has a free tier, Claude and OpenAI are paid.
- 2 **API key.** Paste the key from your provider. This field is hidden when you choose Ollama.
- 3 **Model name (optional).** Leave this empty. LyronAI picks a suitable model for your provider automatically. Do not type your own name here; it is not a user name field.
- 4 **Continue.** Your choice is saved and LyronAI starts.

ONLY FOR GROQ USERS

If you want a specific Groq model instead of the automatic one, type its exact model ID from Groq's model list in **Model name**. Everyone else keeps the field empty.

After you click Continue

- A small **Starting LyronAI** window appears with a progress bar.
- On the very first run it says **Downloading embedding model (first run only)**. This needs internet and can take a few minutes. Later launches are much faster.
- When everything is ready, your browser opens LyronAI at `http://127.0.0.1:8000/app` and the small window changes to **LyronAI is running**.
- Keep that small window open while you use LyronAI. **Open in Browser** reopens the chat page. **Quit** (or closing the window) stops the app.

Using the chat

ACTION	HOW
Ask	Type a question or paste your code, then press Enter. Shift+Enter adds a new line.
Stop	The send button turns into a stop button while an answer is streaming. Esc also stops it.
History	Your chats are listed on the left. Search them, reopen them, or delete one (click the bin twice to confirm).
Copy	Every code block has a Copy button. Hover an answer to copy all of it.
Shortcuts	Press / to jump to the message box. The top bar switches between light and dark and shows whether the backend is connected.

Changing your API key or provider

LyronAI stores your choice in one small file, so changing it is quick. Always **close LyronAI first**. The app reads the settings only when it starts, so a change takes effect the next time you open it.

Method A: the Settings shortcut (easiest)

Quit LyronAI. Open the Start menu and choose **LyronAI > LyronAI Ayarlar**. The setup window opens again. Pick the provider, paste the new key, leave **Model name** empty, and click **Continue**.

Method B: Command Prompt

Press **Win + R**, type cmd and press Enter. Then run:

```
# 1. make sure LyronAI is fully closed
taskkill /IM LyronAI.exe /T /F

# 2. open the setup window again
"%LOCALAPPDATA%\LyronAI\LyronAI.exe" --setup
```

If you chose a different install folder, use that path instead of %LOCALAPPDATA%\LyronAI. If LyronAI is still running, the window only tells you to close it first.

Method C: edit the settings file

Use this only to replace the key of the **same provider**. Open the file in Notepad:

```
notepad "%APPDATA%\LyronAI\config.json"
```

It looks like this. Replace only the text inside the quotes after `api_key`, save the file, and start LyronAI again:

```
{
  "provider": "groq",
  "api_key": "PASTE-YOUR-NEW-KEY-HERE",
  "model": "... "
}
```

SWITCHING PROVIDER?

Do not edit provider by hand. The model line belongs to the old provider and would not match. Use Method A or B instead, which write all three lines correctly.

Method D: start from scratch

Delete the settings file. The next time you open LyronAI, the first-time setup appears again:

```
del "%APPDATA%\LyronAI\config.json"
```

These commands are for Command Prompt. In PowerShell, write `$env : APPDATA` instead of `%APPDATA%`.

Troubleshooting

PROBLEM	WHAT TO DO
"Backend did not respond within the timeout"	The first launch can be slow while the embedding model downloads, so check your internet and try again. If it keeps failing, open the log (see below) and read the last lines.
The page says it can't reach the backend	The small LyronAI window was closed. Start LyronAI again from the Start menu.
Answers fail with an error from the provider	The API key is probably wrong, expired or out of credit. Create a new key and change it with Method A.
Ollama errors or "model not found"	Start Ollama, then run <code>ollama pull qwen3:8b</code> . Check with <code>ollama list</code> .
Nothing starts or the port is busy	LyronAI uses port 8000 on your own computer. Run <code>netstat -ano findstr :8000</code> to see whether another program is using it.
"Setup error: neither runtime\python.exe ... could be found"	The installation is damaged. Reinstall LyronAI.

Reading the log

The log shows what the background service is doing. Its first lines name the provider in use:

```
type "%APPDATA%\LyronAI\backend.log"
```

Where your files live

WHAT	WHERE
Settings and API key	%APPDATA%\LyronAI\config.json
Log file	%APPDATA%\LyronAI\backend.log
Program files	%LOCALAPPDATA%\LyronAI\ (default)
Chat history	Inside the program folder, in backend\conversations.json

PRIVACY

Your chats are stored on your own computer. With Groq, Claude or OpenAI, the messages you send are passed to that provider so it can write the answer. Your API key sits in config.json as plain text, so do not share that file.

To uninstall, use **Settings > Apps**. Delete %APPDATA%\LyronAI too if you want your API key removed.