

★ OWNER'S MANUAL ★

T.O.A.D.

Total Offline Archive Drive

Howdy, new Keeper!
I'm **Toad**, and I guard this drive: a whole library that needs **no internet, no account and nothing to install**. Today, or on the worst day.

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T.O.A.D. OS · DRIVE CHECK
› LIBRARIES..... 120+
› ARTICLES...... 7 MILLION
› BOOKS......... 85,000+
› MANUALS....... 600+
› FREE SPACE.... 850 GB
› STATE MAPS.... ALL 50
› AI HELPER..... ARCHIE
INTERNET...... NONE · READY_
```

QUICK START
PLUG IN → DOUBLE-CLICK START → SEARCH

A WHAT'S INSIDE

(the real names of the sources, so you know it's trustworthy)

ENCYCLOPEDIA — ~160 GB

Every English article with pictures, plus a full dictionary, travel guides and textbooks.

Wikipedia · Wiktionary · Wikibooks · Wikivoyage · Wikiversity · CIA World Factbook

BOOKS — ~450 GB

70,000+ classic books, plus thousands of 1800s–1920s "make it by hand" books: smelting, mining, chemistry, steam engines, mills.

Project Gutenberg · Survivor Library

MEDICAL — ~5 GB

A medical encyclopedia, first aid, medicines guides, field and trauma medicine, and public-health references.

MDWiki · NHS Medicines · CDC · US Army medic & field medicine manuals

MAPS — ~40 GB

Street + trail maps of all 50 states (GPS works with no signal), land-shape contours, a zoomable USA map, US base locations.

OpenStreetMap · OsmAnd · USGS topo maps

LEARNING & SCIENCE — ~25 GB

Free textbooks, math and science courses, clickable science experiments, and expert Q&A in every science.

Wikibooks · Wikiversity · PhET simulations · Stack Exchange science Q&A

FIX & BUILD — ~25 GB

Welding, machining, wiring, plumbing, engines, wood-gas generators, and thousands of expert DIY and mechanic answers.

US Navy trade manuals · Army field manuals · Appropedia · Stack Exchange DIY & mechanics

RADIO & ELECTRONICS — ~15 GB

Morse code, ham-radio exams, antennas, Meshtastic text-radios, soldering, Arduino, Raspberry Pi, drones.

FCC ham exam pools · NIFOG · US Navy NEETS · Q&A sites

HOMESTEAD & SURVIVAL — ~35 GB

Gardening, canning, water, livestock, solar power, knots, shelter, emergency plans, gun safety & cleaning.

USDA · FEMA / Ready.gov · Energypedia · Army survival field manuals

AI HELPER: ARCHIE — ~160 GB



Meet **Archie**, a chat robot who answers questions and draws pictures you describe, all with no internet.

Qwen · Llama · Phi · Stable Diffusion · AnythingLLM

B START-UP IN FOUR STEPS

1 PLUG IT IN

Push the drive's cable into any computer's USB port. Newer laptops may need a small USB-C adapter.

2 OPEN THE DRIVE

On **Windows** open *This PC*; on a **Mac** open *Finder*; on **Linux** open *Files*. Click the drive named **TOAD**.

3 DOUBLE-CLICK A START BUTTON

Pick the one for your computer. If it asks *"Are you sure?"* or *"Windows protected your PC"*, click **More info → Run anyway**, or **Yes / Open**.

4 READ, SEARCH, EXPLORE

Your web browser opens a page that looks like a normal website. Type in the **search box** or click a library. Nothing goes on the internet.

When finished: close the small black window (that turns the library off), then **eject** the drive before unplugging.



C THE BUTTONS ON THE DRIVE

DOUBLE-CLICK	WHAT HAPPENS	GOOD TO KNOW
START-WINDOWS START-MAC · START-LINUX	Opens **the whole library** in your web browser, with one search box for everything: encyclopedia, books, medical, Q&A, videos.	Works on any computer from about 2012 on.
START-HERE	A plain list of **every manual and PDF** on the drive, sorted by subject, with its own search box.	Opens even without START.
START-AI-...	Wakes up **Archie, the AI chat robot**. Pick **SMART** (best answers), **MEDIUM**, or **FAST** (older computers). Type questions like a text message.	Answers in 5–30 sec. Can be wrong: double-check medical & safety answers.
START-PICTURES-...	Archie's **picture maker**. Type *"a cabin in the snow, pencil sketch"* and wait. Pictures save to **MY-PICTURES**.	2–10 min per picture. Windows & Linux.

D WILL IT WORK ON MY COMPUTER?

DEVICE	LIBRARY	AI CHAT	PICTURES
Windows 10 / 11	YES	YES	YES
Mac (2015 or newer)	YES	YES	NO
Linux / Raspberry Pi	YES	PC ONLY	PC ONLY
Android phone/tablet	APP*	NO	NO
iPhone / iPad	APP*	NO	NO
Chromebook	NO	NO	NO

Memory: the library runs on anything. AI chat wants **8 GB** (FAST works on 4 GB). Pictures want **8 GB**. *Phones: use the free **Kiwix** app (the Android installer is on the drive; iPhone gets it from the App Store while you still have internet), copy a library file to the phone, and open it.

E SEARCHING TIPS

- ☑ Type **2–3 plain words**: *"splint broken arm"* beats a whole sentence.
- ☑ Try **other words** if nothing shows: *"canning"* → *"preserving food"*.
- ☑ Click a library's picture to search **only that library** (like just Medical).
- ☑ Videos play right in the browser. Turn the sound up.

F TROUBLE?

- ☑ **Nothing opens?** Wait 30 sec, then type **127.0.0.1:8471** in the browser.
- ☑ **Gibberish file?** **.zim** files are libraries; open them with START, not Word.
- ☑ **Mac won't open it?** Right-click START-MAC → **Open** → **Open**.
- ☑ **On a TV?** Plug the laptop into the TV's HDMI port.

G HANDY ON A NORMAL TUESDAY

- ☑ **Homework**: lessons for every grade, math to history.
- ☑ **Fix it yourself**: cars, bikes, phones, plumbing, wiring.
- ☑ **Garden & kitchen**: planting, canning, recipes, seeds.
- ☑ **Health questions**: what a pill is for, first aid basics.
- ☑ **Camping & road trips**: maps and GPS with no signal.
- ☑ **Hobbies**: ham radio, woodworking, drones, 3-D printing.
- ☑ **Curious minds**: space, animals, history, inventors.
- ☑ **Private**: no Wi-Fi, no ads, nobody tracking what you read.

H AND ON A BAD DAY

Storms, blackouts, internet outages, or worse: when phones and websites stop working, **T.O.A.D. keeps going** on any laptop that turns on, even one charged from a car or a small solar panel. It holds the know-how to **treat injuries, find and clean water, grow and store food, keep warm, fix engines and tools, make power, use radios, and find your way**.



"A T.O.A.D. in every home!"

Ask about T.O.A.D. Pocket editions for the car, the cabin and the go-bag.

I WHERE THINGS ARE

START-... / START-HERE	The buttons (see sheet 2)
01-kiwix-zim	The big libraries: encyclopedia, books, Q&A
02-medical	Medical and first-aid books (PDF)
03 → 07	Survival, food & water, hazards, radio, how-to briefs
09-maps	All 50 state maps, contours, topo, USA map
15 → 18	Radio & Morse, electronics, drones, fix & build
19-ai · 21-ai-server	AI chat, picture maker, tools to build your own AI
22 · 23	Coding & computer rebuild kit · 1800s rebuild books (metal, steam, chemistry)
20-hard-times	Emergency plans, civil defense, gun safety, maps
00-readers	Spare reader apps for computers and phones
MY-PICTURES	Pictures you make with the picture maker

J CARE & FEEDING

- ☑ **Keep it cool and dry.** A zip bag inside a metal box or ammo can is ideal.
- ☑ **Always eject** before unplugging.
- ☑ **Plug it in 2–3 times a year** to keep it healthy and check it works.
- ☑ **Keep a spare.** A second T.O.A.D. in another place is the best backup (the pair saves $300).
- ☑ **Grab free extras.** Double-click **ADD-FREE-LIBRARIES** and Toad's Supply Run adds free libraries for you.

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TRY THESE FIRST:
> how to purify water
> treat a burn
> canning green beans
> morse code chart
> fix a flat bicycle tire
> AI: "plan a 1-week pantry"
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INSPECTED · LEGAL TO OWN · WORKS OFFLINE

KEEPER RECORD

This drive belongs to _____

Given by _____

Date · Drive no. _____