



KEEPIQ — Owner's Manual

Everything you need to install, set up and use the KEEPIQ application. No programming, no command line.

If you can describe where it is, KEEPIQ can inventory it.

KEEPIQ is an application that runs locally and remembers where your things are. The database, photos and voice history stay with your installation. You reach it from any browser on the same network: a computer, a tablet, or your phone.

What you receive

- Access to the KEEPIQ software download for your order
- A choice of the available installation packages for compatible hardware you provide
- Your licence key, which you enter after installing the application

No computer, Raspberry Pi, case, power supply, network cable or other hardware is included.

How to read this manual

Read chapters 1 to 3 once, in order, when you install KEEPIQ. After that, use the rest as reference — each chapter stands on its own.

Chapter	Read it when
1. First start	Day one: power on, PIN, setup wizard
2. Your space	Before you add anything: rooms, floor plan, locations
3. Adding things	Putting your stock, assets and photos in
4. Talking to Buddy	Using your voice, teaching your own words
5. Scanning	Barcodes, QR labels, phone scanning
6. Everyday use	Searching, dashboard, alerts, projects, shopping list
7. Connections	Home Assistant, Telegram, Alexa, AI assistant, sync
8. Backup and care	Backups, USB, updates, kiosk screen, moving device
9. Troubleshooting	Something isn't working
10. Glossary	"What does <i>variant</i> mean again?"
11. KEEPIQ Lite	Trying the free browser version before you install

Inside the app you have the same help without the manual: **Help** in the nav rail puts a small question mark next to every title and widget, and **Buddy** next to it walks you through a task question by question — see chapter 6.13.

Other languages

The whole manual is also available in Deutsch, Français and Italiano. English is the reference version; if a translation and the English text ever disagree, the English text is correct.

The idea in one page

Most inventory systems ask you to think in shelves, racks and numbered bins. KEEPIQ doesn't.

You describe your space the way you already talk about it:

Home → Office → Window → Left corner

Home → Kitchen → Cabinet above the sink

Then you tell it what's there — by typing, by voice, or by scanning a barcode. When you later ask *"where is the pink filament?"*, KEEPIQ answers out loud and highlights the exact spot on your floor plan.

If you call something by a name only your household uses ("the box under the printer"), KEEPIQ asks once what you mean and remembers it from then on.

Care and safety

- Shut the computer running KEEPIQ down through its own operating system rather than disconnecting its power during a write. KEEPIQ itself has no shutdown button.
- The installation is meant for your home network. Do not expose it directly to the internet.
- Back it up (chapter 8). A nightly encrypted backup runs on its own, but the passphrase must be stored somewhere other than the computer running KEEPIQ.

Getting help

- The in-app **Guide** page has a checklist and a self-diagnostic ("Run checks").
- The **Settings** → **Report** card writes a support bundle you can send along with a question.
- Contact: hello@keepiq.eu

1. First start

Time needed: about 15 minutes. Every step after the first one can be skipped and done later.

1.1 Start it and connect

1. Install KEEPIQ on the computer you want to run it on (see the install instructions that come with your download), and connect that computer to your network by cable or Wi-Fi (see 1.3).
2. Wait about a minute after the first start. KEEPIQ is operated through a browser — from a computer, tablet, phone, or a screen attached to the device.
3. On a computer, tablet or phone **on the same network**, open the address the installer printed, for example <https://192.168.88.194>.

Your browser may warn that the connection is not trusted. That is expected: the device uses a certificate it generated itself, because it is on your own network and not on the internet. Choose "Advanced" → "Continue". The HTTPS connection is required for browser access to the camera and microphone.

If nothing answers, see chapter 9, "Device not reachable".

1.2 The PIN

The setup and settings pages are protected by a PIN.

- The first person to open the page creates it — enter 4 to 8 digits twice. A PIN made of one repeated digit (1111) is rejected.

Unlocking lasts 8 hours on that browser. After five wrong attempts the device pauses new attempts for 15 minutes.

 **Write the PIN down somewhere other than the machine running KEEPIQ.** If it is ever lost, it can only be cleared from a terminal on that machine.

1.3 The setup wizard

The wizard walks through nine screens. Only the first is required; the rest can be skipped now and finished later on **Settings**. Your progress is saved on every step, so you can close the browser and come back — it resumes where you left off.

Storage (required)

Where photos of your items are stored on the device, for example `/var/lib/pibase/photos`. A check under the field turns green when the folder is writable. Accept the suggested path unless you have a reason not to.

Space (optional)

The philosophy screen: it shows how KEEPIQ thinks about places, with examples like *Office → Window → Left corner*. Nothing to enter. It is there because the next thing you do — creating rooms — goes much better if you name places the way you actually speak about them. See chapter 2.

Wi-Fi (optional)

Only needed if you are not using a cable.

- Pick your network and enter the password, or
- scan the **QR code** shown on screen with your phone: one code joins the device's temporary KEEPIQ-SETUP hotspot, the second opens this setup page on your phone so you can type the password on a real keyboard.

If the network drops later, the device retries on its own and brings the setup hotspot back up so you can always reach it.

Assistant (optional)

An AI key (Google Gemini) for the "what can I build today?" assistant and free-form questions about your inventory. The key is stored on the device and only ever used from the device — it never reaches your browser. KEEPIQ works completely without it; voice search, counting and stock changes are all local.

Home Assistant (optional)

Your Home Assistant address (for example `http://homeassistant.local:8123`) and a long-lived access token. Press **Test connection** — it should report how many entities it found. This is what puts temperature, humidity, plugs and lights on your floor plan.

Notifications (optional)

- **Telegram**: bot token and chat id, for low-stock messages.
- **Bridge key**: only if you connect an external system (such as a print farm) to KEEPIQ.

Extras (optional)

KEEPIQ Core — inventory, voice, rooms, scanning, backups — is yours, with no subscription. Extras are separate one-time features. There is a free 7-day trial, and it only starts when you tick the box. That is deliberate: an installation left unused should never burn its trial.

Serial

Nothing to enter. The installation generates its own serial (PIB-XXXX-XXXX-XXXX). Press **Copy serial** and store the number with your records — it is what your licence is issued against.

Licence

Press **Check now** once. Two outcomes are both correct:

- **Active** — your Extras are registered.
- **Not activated** — no licence key has been entered on this device yet. Core keeps running and nothing is deleted, but the device is unregistered; enter your key under **Settings → License**. Extras stay locked.

Then press **Finish setup**. You land on the floor plan.

1.4 Confirm it's healthy

Open the **Guide** page and press **Run checks**. No red rows means storage, database, microphone permissions and any connections you configured are all in order.

Now go to chapter 2 and describe your space before adding anything.

1.5 Where the download and the licence key come from

If you already have KEEPIQ running, you can skip this section.

Buying. On keepiq.eu, **Buy** offers two things:

- **KEEPIQ Core** — €99,99 once. The inventory, voice, rooms, scanning and backups: everything this manual describes unless a section says "Extra".
- **Extras** — €9,99 each, one-time, or €49,99 for all of them together. The current list: unlimited rooms, Home Assistant, AI assistant, projects & procurement, asset manager, advanced alerts, and the Connect API. A promotional code, if you have one, is entered and applied on the same page before checkout.

Payment goes through Stripe; KEEPIQ never sees your card. You are sent back to the site with a confirmation when it succeeds, or with a "cancelled" note if you backed out — nothing is charged in that case.

Downloading. After payment you land on the download page, which offers the packages for your order: the Raspberry Pi SD-card image, an installer tarball for a Pi or Debian machine you already run, or a Docker compose bundle for a NAS or home server. Each download shows its checksum. The download comes first; the licence key is entered later, on the device.

Activating. Your licence key arrives in the order confirmation e-mail, in the form KEEPIQ-XXXX-XXXX-XXXX-XXXX. On the installed device: **Settings** → **License**, type the key, press **Activate**. The card then shows this installation's serial, the state (Activated / Not active / Revoked) and when it was last checked; **Check now** asks again at any time.

The key is bound to that serial, which is why the serial is worth keeping with your records. If the device cannot reach the licence service, it keeps running on the last answer for a grace period and says so on the card rather than locking you out.

2. Your space

Storage doesn't begin with shelves, racks or numbered bins. It begins with knowing where something is. This chapter is about teaching KEEPIQ your geography — before you put a single item in.

2.1 Three levels

Level	What it is	Examples
Property	The building. You rarely touch it.	Home
Room	A space you walk into.	Workshop, Office, Kitchen, Garage, Medicine cabinet, Storage
Location	A place inside the room.	Shelf 2, Box 7, Under the 3D printers, Left corner by the window

Items, assets, floor-plan zones and barcodes are scoped to a room. Projects carry a location instead of a room. Photos, QR labels and voice answers inherit that structure because they belong to those records. Getting this right on day one saves rework later.

2.2 Create your rooms

Open **Rooms** and press **New room**.

- **Name** — what you call it out loud ("Workshop", not "R-01").
- **Kind** — workshop, medicine, utility, garage, storage or other. This only changes the icon and a few sensible defaults.
- **Colour and icon** — so you recognise it in the switcher at a glance.

Your device starts with one room called **Workshop** that already holds anything you imported. You can rename it.

Switch the active room with the room switcher in the left sidebar. The floor plan and voice commands follow the active room. Search and the shopping list work across all rooms, although results still show where each thing lives.

 **Medicine cabinet tip.** Make it its own room. It behaves differently from a workshop: small quantities, expiry dates that matter, and things you want to find in a hurry. Chapter 3 covers expiry tracking.

2.3 Draw the room

Open the floor plan (the home screen) and press **Edit plan**.

1. Draw the walls roughly. It does not need to be to scale — it needs to be recognisable.
2. Add a zone for each place that holds things: a shelf unit, a rack, a stack of boxes, a drawer cabinet, a corner of the floor.
3. Drag a zone to move it, use the handles to resize, and the rotate handle to turn it. A shelf against a diagonal wall can sit at any angle.
4. Give each zone a name and, if you use numbers, its number.

Press **Done** when the plan looks like the room from above.

Why bother

When you later ask "*where is the pink filament?*", KEEPIQ speaks the answer **and** pulses that exact zone on the plan. Someone else in the household can find the thing without knowing your system.

2.4 Name locations the way you talk

A location can be a formal address or an informal one. Both are equally valid:

Shelf 1 → Box 4

Under the 3D printers

Window → Left corner

The drawer with the batteries

Call it whatever makes sense to you. You are not adapting to the system — the system adapts to your space. If a name is ambiguous, KEEPIQ asks once and then remembers (see chapter 4, "Teaching your own words").

2.5 Numbering boxes and shelves

If you like numbers, you can set them yourself rather than accepting whatever order things were created in.

- Open a zone and type its number.
- If that number is already used in the room, KEEPIQ warns you immediately instead of silently creating a duplicate.

Shelf zones hold slots (a filament rack shelf holds 18 rolls, for example), so a roll's position is "Shelf 3, slot 7" without you creating 18 separate records.

2.6 Create a place without opening the editor

You do not have to plan your storage in advance. Wherever you are, you can add a place in seconds:

- In the **Quick actions** widget, press **Add location**.
- Or, while adding an item, press **New location** next to *Where does it live?*.

The form asks only what it needs:

1. **A name** — "Window shelf", "Boxes under the bench". Whatever you call it out loud.
2. **What kind of place it is** — *one place with numbered positions* (a table, a floor stack, a window sill) or *several shelves or doors* (a rack, a cupboard).
3. **How many shelves** (for the second kind) and **how many positions** each holds.

KEEPIQ works out the rest and draws the place on the plan, then selects it for the item you are adding. You never pick a technical "location type".

If a place with that name already exists, KEEPIQ says so and offers **Use that place** instead of creating a twin. If a new place would end up sharing numbering with an existing one, it warns you before saving.

Growing a place later

Quick actions also has **Add shelves** and **Add positions**. Pick the place, say how many to add, press **Add**. Nothing that is already stored gets renumbered — the place simply becomes bigger. When you try to store something in a place where every position is taken, KEEPIQ tells you it is full and offers **Add positions** right there.

2.7 Rearranging without renumbering by hand

Put a new roll on shelf 4 and it should sit before the PETG? Just drag it there.

- Filled shelf slots and box cells can be dragged onto another cell in the same place. Hovering one says *drag to reorder*.
- Drop it on an **occupied** cell and everything in between shifts by one, so the rest follows up.
- Drop it on an **empty** cell and only that one item moves.
- A toast appears afterwards with **Undo** if it was not what you meant.

Mouse or trackpad only: this uses browser drag-and-drop, which touchscreens (phone or tablet) do not support. Moving and resizing zones on the plan does work by touch.

2.8 Print labels for locations

Every zone can produce a QR label. Print it, stick it on the box, and from then on:

- Scanning it with your phone opens that location.
- In **Add new** scanning mode it becomes the destination, so you can onboard a whole drawer of parts without picking the location each time.

Label printing is covered in chapter 5.

2.9 A worked example

A typical first evening in a workshop:

1. Rooms → rename **Workshop**, add **Garage** and **Medicine**.
2. Workshop plan → draw four walls, add the filament rack (6 shelves), the desk, two floor box stacks and the shelf next to the door.
3. Number the boxes 1 to 12, the way the labels already on them read.
4. Print QR labels for the boxes.
5. Only then start adding items (chapter 3).

3. Adding things

There are four ways to get stock into KEEPIQ: the form, your voice, a barcode scan, or a CSV import. This chapter covers the form and the import; voice is chapter 4 and scanning is chapter 5.

3.1 The four classes

Everything you own falls into one of four classes. Pick the class first – the form then shows only the fields that class needs.

Class	Use it for	Counted as
Filament	3D printing filament	Rolls, per colour, with weight
Stock hardware	Screws, resistors, ESP32s, cable, batteries, tape	A quantity you spend
Operational assets	Individual devices you track one by one: printers, Pis, routers	One record per physical device
Different	Everything else: medicine, kitchen, garden, household	A quantity you spend

If you are unsure between *stock hardware* and *operational asset*, ask yourself: do I care **which one** of them it is? A serial number, a hostname, a warranty date means it is an asset. Ten identical M3 screws are stock.

3.2 Adding a stock item

Press **Add item** (on the plan toolbar or on the **Stock** page).

- **Already have it?** Above the name there is **Choose from your stock**. Type a word or two — it searches names, brands and variants word by word, so "tpu silver" finds *TPU* with a *silver* colour. Pick the hit and you add to that item instead of creating a second one. If you really do want a new record, press **Start a new entry instead**.
- **Name** — what you say out loud. "PLA Basic", "M3 screws", "Ibuprofen 400".
- **Class** and, for filament, brand and material.
- **Location** — the place on your plan, and the position inside it. Only free positions are offered, so you cannot land on something that is already there. Missing a place? See chapter 2.6 — you can create one without leaving the form.
- **No position number** — the first button under the position grid. Use it for things that just stand somewhere: four rolls still in their carton on the window shelf. They belong to the place, they simply have no number.
- **Photo** — take one with the phone camera or upload a file. It is resized and compressed in your browser before being stored on the device, so photos stay small.
- **Barcodes** — optional; scan or paste. The next time that code is scanned, KEEPIQ recognises it instantly and offline.

Variants — the important part

Stock is stored as **variants**: a label plus an amount. For filament the labels are colours; for hardware they can be sizes, values, pack types, anything.

PLA Basic → white 1 kg : 3 / white 500 g : 3 / brown 500 g : 1

Resistors → 10k : 200 / 4k7 : 150 / 1M : 40

ESP32 → S3 Mini : 4 / C3 : 7

Each variant carries **its own amount**. For filament, each variant also carries **its own weight**, so changing the weight of "white 500 g" does not touch "white 1 kg". This is what lets you keep one item called *PLA Basic* instead of fifteen near-identical entries. Other classes use the item-level weight field if you need one.

Add a variant with the **+** next to the variant list, then type its label and amount. Remove one with the bin icon; the item itself stays.

3.3 Adding an operational asset

Open **Assets** → **New asset**. Extra fields appear because they matter for a single device:

asset tag, manufacturer, model, serial number, hostname, IP or MAC, role, install date, purchase date, warranty end, status and location.

Deploy from stock

Bought five Raspberry Pis, and now one goes into service? Open the stock line and press **Deploy from stock**. Stock drops by one and an asset record appears with its own tag and location. No double counting.

3.4 Batches and expiry

Anything can carry **batches**: a lot number, an expiry date, an opened date, a quantity and a note. This is essential for the medicine room and useful for resin, glue and adhesives.

- KEEPIQ sorts batches first-expire, first-out and marks the one to take next with **Use first**, so the oldest stock is used before it goes off. You still pick the batch when you take stock out.
- The dashboard shows what is expiring soon, and expiry can trigger a notification (chapter 7).

3.5 Photos

- Take a photo directly from the phone while adding — useful when you are standing at the shelf.
- Photos are resized and compressed in the browser before upload, so a full inventory of photos stays measured in megabytes, not gigabytes.
- They live on the device, in the storage folder you chose during setup, and are included in the nightly backup.

3.6 Importing a spreadsheet (CSV)

If you already keep a list somewhere, import it instead of retyping.

1. Go to **Stock** (or **Dashboard**) → **Export CSV** first, even on an empty device. That file is your column template.
2. Fill it in. Variants are written in one cell as label:amount separated by |: pink:4|black:2.
3. **Import CSV** and confirm the preview.

Export works the same way in reverse, and includes every field. Use it before big changes as a quick, human-readable snapshot — it is not a replacement for the real backup (chapter 8).

3.7 Editing and deleting

The **Stock** page is a searchable table: filter by room, class or text, then edit inline or open the full form. The list on the home screen groups by location and pages in blocks of ten, so a large inventory stays readable.

Deleting an item removes its variants and batches with it. Its photos are removed too. Barcodes you taught are forgotten. There is no undo, but last night's backup still has it.

4. Talking to Buddy

Buddy is the voice side of KEEPIQ. It answers out loud and highlights the answer on the floor plan.

4.1 Switching the microphone on

The **Voice** widget sits at the top of the left sidebar. Press the mic button:

- **MIC OFF** (dim) — nothing is being listened to.
- **MIC ON** (glowing, with a live waveform) — the mic is open and waiting.

The first time, the browser asks for microphone permission. Allow it. If the button will not turn on, see chapter 9.

4.2 "Hey Buddy"

With the mic on, nothing happens until you say the wake word:

"Hey Buddy" → *(short chime)* → **"where do I find PLA"**

Or in one breath: *"hey buddy, where do I find PLA"*.

After the answer has been spoken, Buddy goes back to sleep and needs the wake word again. That is deliberate — it stops the device from reacting to normal conversation in the room.

Common mishearings ("hey body", "hey budy", "okay buddy") also wake it.

Filler words are ignored, so *"hey buddy, can you please tell me where my red filament is"* works exactly like *"where is red"*.

4.3 What you can say

Press **Commands** in the Voice widget for the full list on screen. The essentials:

Find something

Say	You get
where do I find PLA	spoken location, and that spot pulses on the plan
where is red	matches names, brands, descriptions and colours
where are ESP32-S3 minis	matches a specific variant
where is asset PB-IT-0042	exact asset tag or serial, no guessing
where is box 12	uses your own numbering

Buddy answers: *"Pink is in Shelf 1, box 1."* Matches also appear as a list — tap a row to zoom to it, "Reset view" to zoom back out.

Count

Say	You get
how many black PLA do I have	total across everything that matches
how many ESP32 do I have	adds up every matching variant
count esp32	short form

Change stock

Say	You get
add three black PLA to shelf 2 box 4	added at that exact spot
remove two ESP32-C3	that variant only
set black PLA to ten	exact amount
add filament to box 12	opens a new item, pre-filled for that place

4.4 It doesn't matter how you name things

KEEPIQ matches your words against item names, brands, manufacturers, models, part numbers, variant labels, colours, serial numbers and asset tags at the same time. Plurals are handled ("minis" finds "Mini") and dashes are ignored, so *"esp32 s3 mini"* and *"ESP32-S3 Mini"* are the same thing.

4.5 Teaching your own words

Households don't speak in catalogue names. They say "the box under the Bambu", "printer screws", "my electronics corner".

When Buddy is not sure what you mean, it asks — once:

"Which one do you mean by 'the box under the Bambu'?"

Pick the right target from the list. From then on that phrase resolves instantly, and the answer is remembered as **taught** — the strongest kind of memory. Phrases KEEPIQ guessed by itself are marked *inferred* and fade if they are never used; what you taught never fades.

An alias can be limited to one room, so "the shelf by the window" can mean different things in the workshop and in the garage.

Everything Buddy has learned is visible on the **Words** page: see each phrase, what it points to, re-point it, change its scope, or delete it.

Don't learn how to talk to KEEPIQ. KEEPIQ learns how you talk.

4.6 Teaching Buddy your pronunciation

If Buddy mishears you often, open **Training** (the page keeps that name, but think of it as "teaching pronunciation"):

1. Read the phrase shown on screen.
2. Record it in your own voice.
3. Save it as a sample.

The browser speech recogniser itself cannot be retrained. What a sample does is record the exact transcript the recogniser produced from your voice, then save that transcript as an alias that is applied before normal matching. A handful of samples for the words you use most (material names, colours, "shelf", "box") makes a noticeable difference.

4.7 Microphone quality

The **Mic** page is worth five minutes on day one:

- choose which input device to use,
- watch a live level meter while you speak,
- measure background noise in the room,
- test the wake word and see exactly what the recogniser heard,
- set wake sensitivity (strict / normal / loose) and how long Buddy keeps listening after the wake word.

Strict is best when the microphone is close and the room is quiet; loose when the mic is far away or the room is noisy; normal for everything in between.

4.8 History

Every command and every answer is stored on the **History** page. Useful when something odd happened: you can see what Buddy heard, not just what you said.

5. Scanning

The fastest way to keep an inventory honest is to never type into it. Point your phone at a code and KEEPIQ does the rest.

5.1 Getting the scanner on your phone

Open the **Dashboard** on any screen. The **Phone scan** card shows a QR code — scan it with your phone camera and the phone opens the KEEPIQ scanner page directly.

Your phone must be on the same network, and the secure connection has to be allowed once on that phone. The HTTPS connection is required for browser access to the camera. After that, add the page to your home screen and it behaves like an app.

5.2 The four modes

The scanner has one control that matters: the mode.

Mode	What a scan does
Find	Opens that item's page — or tells you it isn't in KEEPIQ yet
Stock in	Adds one
Stock out	Removes one
Add new	Opens the item form, pre-filled from a product lookup

Set the mode once and keep scanning; you do not confirm each one. This is what makes unpacking a delivery or emptying a drawer fast.

5.3 What it understands

1. **KEEPIQ location labels** — the QR codes you printed for your boxes and shelves. Scanning one sets the destination, so every following "Add new" scan lands in that place without touching the location picker.
2. **KEEPIQ item labels** — opens the item.
3. **Any normal product barcode** — EAN, UPC, Code-128 or QR.

5.4 Where product information comes from

When you scan an unknown product code, KEEPIQ looks in this order:

1. **Codes you already linked** — instant, works with no internet.
2. **Products this device looked up before** — cached on the device, also offline.
3. **The internet** — Open Food Facts first (excellent for food and household products; medicine may need a manual entry), then a general product database. The result is cached, so the second scan of that product is offline too.

Nothing is ever blocked by a missing internet connection: an unknown code can always be filled in by hand, and the code is learned the moment you save.

5.5 Teaching codes to things you already have

Edit any item and use the **Barcodes** field: type a code, paste one, or press **Scan** to capture it with the camera. An item can have several codes — different pack sizes, relabelled stock, a supplier's own sticker.

5.6 Printing labels

Open a location (or an item) and choose **QR label**. Print it on a normal label printer or a sheet of sticker paper.

Practical advice:

- Label the **place**, not just the thing. Places outlive contents.
- Put the label where you can see it with a phone in one hand and a box in the other — the front edge of a shelf, the short side of a bin.
- Reprinting is free; a label that is hard to reach never gets scanned.

5.7 A typical delivery

1. Scan the box label of the drawer you are filling → destination is set.
2. Switch to **Add new**.
3. Scan each product in turn; check the pre-filled name, set the quantity, save.
4. Switch to **Stock in** for anything you already have; each scan adds one.

A quick pass at the shelf and the inventory is correct — which is the only kind of inventory worth having.

6. Everyday use

Once your space is described and your things are in, this is the part you actually live with.

6.1 The home screen

Two views of the same room, switched from the toolbar:

- **Plan** — your floor plan. Zones show their number and how full they are; voice answers and search results pulse here.
- **List** — everything grouped by location, ten rows per block, with columns you can switch on and off (colours, brands, weight, status). Rows expand down to single items.

The toolbar holds the view toggle, the search box, the class chips (filament / hardware / assets / different) and a clear button.

6.2 The three panels

Panel	Where	Holds
Nav rail	Far left, always visible	Every page: plan, stock, assets, projects, procurement, rooms, dashboard, history, alerts, scan, words, training, files, settings
Left sidebar	Collapsible	Voice, sync status, search, summary, colours, needs attention, weight
Widgets sidebar	Right, collapsible	Quick actions, quick insights, Home Assistant alerts, device status, system log

Every widget has its own toggle and remembers whether you left it open. Close both sidebars and the floor plan fills the screen.

The right-hand widgets have an **Edit** mode: choose which entities or which quick actions they show. That choice is stored per device, so the wall-mounted tablet in the workshop and your laptop can show different things.

6.3 Finding things by hand

Type in the search box. The same matcher the voice uses runs here: names, brands, models, part numbers, variant labels, colours, serials and asset tags, plural- and dash-insensitive. Results highlight on the plan as you type.

Tidying a shelf

Click a shelf on the plan, then drag a filled slot onto another slot: dropping on an occupied slot shifts the numbers in between so the rest follows up, dropping on an empty one moves just that item. Box cells work the same way inside their own group. Hovering a draggable cell says *drag to reorder*, and an **Undo** toast appears after the move. Mouse or trackpad only: this uses browser drag-and-drop, which touchscreens (phone or tablet) do not support.

6.4 Dashboard

The Dashboard is the "is everything fine?" screen:

- device uptime and connection status,
- the last spoken command and its answer,
- what is expiring soon,
- quick insights: number of entries, total weights, low stock count,
- the **Phone scan** QR code,
- CSV import and export.

6.5 Low stock and alerts

Open **Alerts**.

- **Fallback threshold** — the level that applies to anything without its own limit ("warn me under 3").
- **Per-item thresholds** — set a specific limit on the lines that matter. A roll of the filament you print with daily deserves a different limit from a spare HDMI cable.
- **Channels** — Telegram and/or Home Assistant (chapter 7). Press the test button on each; a message should arrive within seconds.
- **Daily report** — one summary per day at the time you choose, listing low stock and upcoming expiries. The device remembers that it already ran today, so a restart does not repeat it; it sends the next time KEEPIQ is open at or after that time.

6.6 History

Every spoken command with its answer and time. Use it to check what Buddy actually heard, or to find "that thing I asked about last week".

6.7 Projects

A project is a consumer of your inventory, not a note.

1. **Projects** → **New project**, give it a name and a room.
2. Add a **bill of materials**: the items and quantities the project needs.
3. KEEPIQ shows, per line, whether you have enough — and what is short.
4. **Reserve** the materials. Reserved stock still sits on the shelf but is no longer counted as available for other projects, so two projects cannot silently plan the same last roll.
5. As you build, consume from the project; stock goes down and the reservation is released.

The **material check** for a project lives on the project itself — ask "what am I missing for the enclosure build?" and you get a straight answer.

6.8 Shopping list (Procurement)

The **Procurement** page pulls three sources into one list:

Source	Means
Low stock	Below its threshold
Project shortage	A reserved project needs more than you own
Planned purchase	Things you added to the wishlist yourself

Tick items off as you order them, and export the list if you shop somewhere that wants a file.

6.9 Kiosk mode

For a tablet or a screen mounted in the workshop: kiosk mode hides the sidebars, filters and lists so the floor plan owns the screen, and asks the browser for real fullscreen.

Turn it on from the plan toolbar, by saying "kiosk mode", or by adding `?kiosk=1` to the address. Escape or "exit kiosk" leaves it. The device remembers the setting and boots straight into it.

If taps land next to the buttons, calibrate the touchscreen — see chapter 8.

Kiosk mode is a display choice, not a guarantee: on a device shared with Home Assistant, or with less than 3000 MiB of memory, the installer leaves it off — see chapter 8.

6.10 The 3D view

The plan can be extruded into a simple 3D room you can orbit, and viewed in a headset (tested with Meta Quest 3S). It is look-only — a way to walk the space, not to edit it. Search highlights pulse in 3D too.

6.11 Extras

Extras (nav rail → Extras) is the licence page for this appliance. Every capability is already installed; a licence only decides what is switched on. The page shows:

- the appliance serial and when the licence was last checked (and whether the answer came from the offline cache),
- the trial state, and a field to redeem an invitation code,
- which Extras you actually used during the trial, so you can keep only those,
- **Refresh**, which re-asks the licence portal.

Buying opens the licence portal in a new tab with your serial attached. If no portal is configured on the appliance, KEEPIQ says so instead of pretending.

6.12 Files

Files is the USB transfer page: it lists plugged-in volumes, moves files between the device and the stick as resumable jobs (pause, resume, cancel) and has an **Eject** button. It is described in full in chapter 8.

6.13 Help mode and Buddy

Two controls at the top of the nav rail explain the app while you use it.

Help switches help mode on or off. While it is on, a small teal question mark appears next to page titles (plan, stock, rooms) and in the header of every sidebar widget — Quick actions, Voice, Sync, Find something, Inventory summary, Filament colours, Needs attention, Filament weight, List view — plus next to the plan summary and the **Edit plan** button. Move the mouse over a question mark (or reach it with the keyboard) and a short panel opens explaining what that part does; a click works too, for touchscreens. The panel stays open while the pointer is on it. Help mode is remembered in that browser, so a kiosk screen can stay in help mode while your phone does not.

Buddy (the teal spark icon) opens a guided wizard instead. It asks *what do you want to do?* and offers five paths:

Path	Leads to
Set up my space	A new room, a shelf or cabinet on the plan, shelf and slot numbering, a lamp
Put something in	One item, a barcode, an operational asset, a CSV import
Find something	Search, asking out loud, what needs attention
Talk to it	Commands, training your own voice, your own words, voice history
Settings, backup and extras	Settings, sync, extras, the guide

Each path ends in a short explanation and a **Take me there** button that opens the right page — and on the floor plan it can open *Edit plan* or *Add item* for you directly. **Back** steps one question up, **Start over** returns to the first question.

Buddy's wizard is a fixed script: it never calls the AI assistant and never changes your data.

7. Connections

Everything here is optional. KEEPIQ is fully usable with none of it switched on. Each connection is described as: what it does, what you need, how to turn it on.

All of these can be configured during the setup wizard or later on **Settings**.

7.1 Home Assistant

What it does. Puts your smart home on the inventory floor plan: temperature and humidity readings, plugs, motion and door sensors as small badges under the zones, and lights as areas that glow when they are really on. Click a light zone to toggle it. It also lets KEEPIQ send you low stock notifications through Home Assistant instead of Telegram.

What you need. A running Home Assistant on the same network, its address (for example `http://homeassistant.local:8123`), and a long-lived access token created in your Home Assistant profile.

How to turn it on. Settings → Home Assistant → paste address and token → **Test connection**. It should report the number of entities found. Then pick which entities appear on the plan; the right-hand widgets have an Edit mode for the same purpose.

KEEPIQ talks to Home Assistant from the device itself. The token never reaches your browser.

KEEPIQ and Home Assistant can run on the **same** Raspberry Pi. If the installer detects Home Assistant **on this same Pi** (a service, container or HA OS install — a busy port 8123 alone is not enough), it switches to a coexist profile: KEEPIQ uses its own ports, skips creating a Wi-Fi hotspot, and does not try to take over the network setup.

7.2 Telegram

What it does. Sends low-stock warnings, expiry warnings and the daily report to your phone.

What you need. A Telegram bot token (create a bot with @BotFather) and the chat id of the conversation you want the messages in.

How to turn it on. Settings → Notifications → paste both → save → press the test button on the Alerts page. A message should arrive within a few seconds. If it doesn't, the chat id is nearly always the culprit: the bot must have been spoken to at least once from that chat.

7.3 Alexa

What it does. Lets you ask an Echo where something is, and get the same answer Buddy gives.

What you need. Either Home Assistant's existing Alexa bridge (simplest — if your Home Assistant already talks to Alexa, KEEPIQ can go through it), or a custom Alexa skill pointed at your device's public endpoint.

How to turn it on. Home Assistant route: expose KEEPIQ's answer as a Home Assistant script or sensor and let your existing bridge do the work. Direct route: point your skill at the device's `/api/public/alexa` address; it answers inventory questions such as "where is pink filament".

 Note that the direct route means reaching the appliance from outside your network. Do not expose the appliance directly to the public internet. Reach it over a VPN or another secure remote-access path; if a public endpoint is unavoidable, terminate it on a reverse proxy or tunnel you control. The endpoint checks your Alexa skill id before answering, but only take this route if you know how to do it safely.

7.4 The AI assistant

What it does. Answers open questions about your own stock: *"what can I build today?", "what am I missing for the sensor project?", "what's nearly out?"*.

What you need. A Google Gemini API key.

How to turn it on. Settings → Assistant → paste the key. Then use **Ask AI** in the sidebar, or say *"hey buddy, what can we build today"*.

What is sent. A summary of your inventory plus your question, from the device, when you ask. Nothing is sent in the background, nothing is sent if no key is configured, and the key stays on the device. Voice search, counting and stock changes never use it — they are entirely local.

7.5 Sync (optional cloud copy)

What it does. Keeps a copy of your inventory in a cloud database so you can share it across other devices you sign in on.

What you need. The URL and public key of a Supabase project you control.

How to turn it on. Settings → Sync, paste the project URL and key. The **Sync** widget in the left sidebar shows the current state: connected, last sync, or offline.

KEEPIQ is local first. With sync off, everything works — this is a convenience, never a requirement, and the device is never crippled by a lost internet connection. Sync does not expose the Pi itself to the internet; it only pushes a copy to the cloud project you configured.

7.6 External systems (bridge key)

If you run another system that should read or consume KEEPIQ stock — a print farm, a workshop terminal, a script of your own — it authenticates with a shared bridge key you set during setup. Treat that key like a password; anything holding it can change stock levels.

7.7 The Sync page

Sync is not only a widget. The **Sync** page (nav rail → Sync) is where a run actually happens:

- it names this device and which backend it is on (local or cloud),
- **Reconcile** exchanges rows with the other side by revision cursor — quantities merge additively, descriptions take the newest write, and locations are never guessed,
- anything the two sides disagree on lands in a **conflict inbox**, shown side by side, where you keep the local or the remote value (or dismiss it).

7.8 Machine endpoints (farm and devices)

Two families of HTTP endpoints let other machines read and change stock. Both require the bridge key from section 7.6.

Endpoint	Method	Does
/api/public/farm/stock	GET	Lists stock, filterable by q, category, color, limit
/api/public/farm/item/{id}	GET	One item
/api/public/farm/consume	POST	Deducts material after a print
/api/public/device/hello	GET	A device announces itself with device_id
/api/public/device/scan	POST	A scanner reports a barcode
/api/public/device/consume	POST	A shelf node deducts stock
/api/public/device/undo	POST	Reverses the last action of that device

Every write carries a request_id chosen by the caller. Sending the same id twice returns the first answer again instead of deducting twice, so a shelf button that fires on a bad connection cannot double-count.

8. Backup and care

8.1 The nightly backup

Your device backs itself up every night at a random minute between 03:30 and 03:35, on its own, with no configuration:

- one encrypted archive per run, containing the whole database and all your photos,
- stored on the device in its backup folder,
- the last 14 archives are kept; older ones are removed automatically.

The archives are encrypted with a passphrase generated once, by the installer, on first install.

 **Do this today.** Copy the backup passphrase off the machine (the installer prints it once, and it is stored in KEEPIQ's persistent environment file) and store it where you keep other passwords. Without it the archives cannot be read — not by you, not by us.

A backup that only exists on the device it protects is not a backup. Once a month, copy the newest archive to a USB stick or your computer (section 8.3).

8.2 Restoring

The archives are ordinary files in the backup folder — `/var/backups/pibase` unless you changed `PIBASE_BACKUP_DIR` — and the restore runs from the host machine's terminal, not from the web UI.

List what you have, newest first:

```
sudo ls -lt /var/backups/pibase
```

Then restore one, replacing `<archive>` with the filename you picked:

```
sudo bash deploy/backup.sh --restore /var/backups/pibase/<archive>.tar.gz.enc
```

You will need the backup passphrase from the installer output or from KEEPIQ's persistent environment file.

Restoring is a full replacement, not a merge: anything added after that archive was written is gone. When in doubt, export a CSV first (chapter 3) so you at least keep a readable copy of today's stock.

8.3 USB stick transfers

The **Files** page moves things between the device and a plugged-in USB stick: G-code, STL, 3MF, photos, CSV exports and backup archives.

Transfers are **jobs**, not one-shot copies:

- a live progress bar per transfer,
- pause and resume,
- if you unplug the stick, close the browser or restart the device mid-transfer, the job picks up where it stopped rather than starting over.

Rules that always apply: only permitted file types, a size cap, and the PIN for anything that writes. Always use **Eject** before pulling the stick out.

8.4 Software updates

The **Software update** card in Settings shows the installed version, the channel it follows, when it last checked, and — when something is waiting — the new version, its release notes (**View changes**) and the estimated downtime. **Check for updates** asks now; **Update now** installs; a checkbox installs updates automatically from then on.

An update never skips a step:

check → download → verify the signature → back up → install → migrate → restart → health check → keep it, or roll back automatically

The device refuses to install a package that is not correctly signed, and refuses to touch itself before a backup exists. If the health check after an update fails, it rolls back to the previous version by itself.

8.5 Modules

The **Modules** card in Settings lists the optional add-ons — a print farm bridge, a shelf node, a future piece of hardware — that reach your inventory through the module gateway. Each row shows the module's name, vendor, what it is allowed to do (its scopes), when it was last seen and its last status.

- The switch enables or disables a module. KEEPIQ stays fully usable with every module off.
- **Create key** / **Rotate key** issues that module's key. It is shown **once** — copy it before leaving the page. Rotating immediately invalidates the previous key, which is how you cut a module off without deleting it.

If the card says no modules are registered yet, the module registry has not been created on that installation.

8.6 Touchscreen calibration

If taps land next to the buttons — usually after rotating the screen or swapping panels:

1. In kiosk mode, long-press the **top-right corner** for 2 seconds (or use Settings → Kiosk).
2. Tap each of the four crosses as accurately as you can.
3. The correction is saved for that device and applied to every touch afterwards.

You can re-run or reset it at any time. It affects only the screen you did it on.

8.7 Wi-Fi that drops

The device watches its own connection. If the network goes away it retries, waiting a little longer between attempts, and if it still can't get back it raises the KEEPIQ-SETUP hotspot so you can always reach it from a phone.

The Wi-Fi card on Settings shows the live state — last attempt, how many retries, whether the hotspot is up — with **Try again** and **Open portal** buttons, plus the join-by-QR codes from chapter 1.

8.8 Moving KEEPIQ to another machine

1. On the old installation: Settings → Identity → **Export identity**, and copy the newest backup archive to a USB stick or computer.
2. Install KEEPIQ on the new machine and run through the wizard (chapter 1).
3. Restore the backup archive.
4. Import the identity file, so your serial and any Extras licences follow you.

Keep the old installation untouched until the new one has been running for a day.

8.9 Turning it off, and starting over

- **Shutting down:** there is no shutdown button in KEEPIQ. Shut the computer running KEEPIQ down through its own operating system (on a Raspberry Pi, `sudo shutdown -h now`) and wait until it has finished before cutting its power. Cutting power during a write can corrupt the database.
- **Starting over:** there is no factory-reset button either. To start from an empty device, reinstall KEEPIQ and run through the wizard again. Export your identity first (section 8.8) so your serial and any Extras licences can be imported into the fresh installation, and copy the newest backup archive off the machine before you begin.

8.10 Routine, in one place

How often	Do
Once, today	Store the PIN and the backup passphrase somewhere off the device
Monthly	Copy the newest backup archive to a stick or computer
Monthly	Guide → Run checks
When offered	Install updates (or leave automatic updates on)
Yearly	Do a real restore test on a spare device or after a reset

9. Troubleshooting

Start here: **Guide** → **Run checks**. It tests storage, the database, permissions and every connection you configured, and usually names the problem for you.

Getting to the device

Symptom	Likely cause	Fix
Address doesn't load at all	Different network (phone on mobile data or a guest Wi-Fi)	Join the same network as the device
Address doesn't load, network is right	Device address changed	Look for the KEEPIQ-SETUP hotspot; if it is up, join it and open the setup portal
"Not secure" warning	The device uses its own certificate, which is normal on a home network	Advanced → Continue. Allowing the secure connection once is what lets the browser use the camera and microphone
Loads, but nothing works after a restart	Still starting	Wait a minute and reload

PIN and access

Symptom	Fix
PIN rejected	Check for a repeated-digit PIN (rejected) and for a typo. After 5 wrong tries, wait 15 minutes
Asked for the PIN again	Normal: unlocking lasts 8 hours per browser
PIN lost entirely	It can only be cleared from a terminal on the machine running KEEPIQ. Contact support with your serial if you need help

Microphone and voice

Symptom	Likely cause	Fix
Mic button won't switch on	Browser permission denied	Allow the microphone in the site permissions, then reload
Mic on, nothing reacts	Wake word not heard	Say "hey buddy" and pause; check on the Mic page what the recogniser heard
Wakes up during conversation	Sensitivity too loose	Mic page → set sensitivity to strict
Never wakes in a noisy room	Sensitivity too strict, or noise floor high	Mic page → loose; measure background noise; move the mic away from the printer
Understands the wake word but not the command	Accent or unusual product names	Record a few samples on Training; teach the phrase once when Buddy asks
Answers "I don't understand" for something you own	The name in KEEPIQ differs from what you say	Say it once, choose the right target when asked — it is remembered
Answers the wrong item	An old learned phrase	Words page → find the phrase → re-point or delete it

Sensitivity works in both directions: **strict** reduces accidental wakes, **loose** improves detection when Buddy struggles to hear the wake word at all.

Camera and scanning

Symptom	Fix
Camera doesn't open on the phone	The secure connection has not been allowed on that phone yet; allow it once, then reload
Camera opens but never decodes	More light, hold 10–15 cm away, keep the code flat; damaged codes can be typed by hand
Scan says "not in KEEPIQ yet"	Correct — switch to Add new to create it, and the code is learned on save
Product lookup finds nothing	The device is offline, or the code isn't in the public databases. Fill in the name by hand; it is learned
Items land in the wrong place	A location label was scanned earlier and is still the destination. Scan the right label, or clear the destination

Home Assistant and notifications

Symptom	Fix
Test connection fails	Check the address including http:// and the port, and that the token is a long-lived one that hasn't been revoked
Connected, but no badges on the plan	The entities aren't selected yet — pick them in the widget's Edit mode
Telegram test does nothing	Wrong chat id, or the bot has never been spoken to from that chat. Send the bot a message first
No daily report	It sends once per day at the configured time; check the "last daily run" line on Alerts

Data

Symptom	Fix
A weight change affected several rolls	Weights belong to a variant . Edit the specific variant, not the item's summary
Duplicate box number warning	That number is already used in the room; pick another or renumber the other zone
Deleted something by accident	Restore last night's backup (chapter 8), or re-enter it if that's faster
CSV import produced odd rows	Export first and use that file as the template; variants must read pink:4 black:2
Sync stuck or offline	Check the Sync widget; the device keeps working locally regardless. Re-enter the credentials in Settings if it stays offline

Screen and performance

Symptom	Fix
Taps land next to buttons	Run the touchscreen calibration (chapter 8)
Stuck in fullscreen	Press Escape, or say "exit kiosk"
Plan feels slow	Close the 3D view; on a low-memory device avoid running the kiosk browser and heavy pages at once
A big list scrolls awkwardly	Use the list view's pagination and the class filters rather than scrolling a whole room

Still stuck

1. **Guide** → **Run checks** and note the red rows.
2. **Settings** → **Report** writes a support bundle: versions, health checks, device paths and the tails of the most recent installer and hardware-test logs
— no photos, passwords, API keys or access tokens. Keys, tokens and the backup passphrase appear only as *set* or *not set*.
3. Send it with your serial number to hello@keepiq.eu, along with what you did and what happened.

10. Glossary

Plain-language definitions of every word this manual uses in a specific way.

Alias — a phrase you use for something ("the box under the Bambu") that KEEPIQ has linked to a real room, location, item or variant. Aliases you taught outrank ones KEEPIQ guessed. Managed on the **Words** page.

Asset (operational asset) — one specific physical device you track individually: a printer, a Raspberry Pi, a router. Has a serial, an asset tag, a hostname and warranty dates. Compare with *stock*.

Asset tag — the label you put on an asset, e.g. PB-IT-0042. You can ask for it by voice.

Backup archive — the encrypted nightly file containing your whole database and all photos. Useless without the passphrase.

Batch — a quantity of one item with its own lot number and expiry date. KEEPIQ lists and draws batches in expiry order, and flags the one that expires first.

Bridge key — a shared secret that lets another system of yours read or change KEEPIQ stock.

Class — which of the four kinds a record is: Filament, Stock hardware, Operational asset, or Different. It decides which fields the form shows.

Core — the base KEEPIQ licence: inventory, up to three rooms, the floor plan, voice, scanning, photos, batches and expiry, basic alerts, backups and updates. Bought once, no subscription.

Expiry (FEFO) — first-expire, first-out: the order KEEPIQ uses and shows when drawing stock from batches, taking the one that goes off soonest before newer stock. Expired batches are skipped.

Extras — separately licensed features, bought once, not rented: unlimited rooms, Home Assistant, the AI assistant, Projects, Assets, advanced alerts and Connect. There is an opt-in 7-day trial that starts only when you tick the box.

Kiosk mode — fullscreen floor plan with the panels hidden, for a wall tablet.

Learned Language — the whole system of aliases, corrections and remembered phrasing. The principle: you don't learn how to talk to KEEPIQ; it learns how you talk.

Location — a place inside a room: a shelf, a box, a slot, "under the 3D printers", "left corner by the window".

Low-stock threshold — the number below which an item counts as low. Either the fallback that applies to everything, or a limit set on one item.

PIN — 4 to 8 digits protecting the setup and settings pages. Unlocks a browser for 8 hours.

Procurement — the shopping list, combining low stock, project shortages and things you plan to buy.

Project — a build that consumes inventory. Has a bill of materials, shows what you're short of, and can reserve stock.

Property — the level above rooms; normally just your home.

Reservation — stock allocated to a project. It stays on the shelf but no longer counts as available elsewhere.

Room — a space you walk into: Workshop, Garage, Medicine, Kitchen. Items, assets, floor plans and scanned codes belong to one.

Serial number — your device's identity, in the form PIB-XXXX-XXXX-XXXX. Needed for licences and support.

Slot — a numbered position within a shelf zone (a filament shelf holds 18), so you can say "shelf 3, slot 7" without creating 18 records.

Stock (stock hardware) — things you count and spend rather than track individually: screws, resistors, cable, batteries. Compare with *asset*.

Sync — the optional cloud copy of your inventory. Off by default; the device is fully usable without it.

Variant — a label plus an amount inside one item: "white 1 kg", "10k", "S3 Mini". Each variant has its own quantity; filament variants also carry their own weight. Called *colours* in the interface when the item is filament.

Wake word — "Hey Buddy". The microphone can stay open, but nothing is acted on until it hears this, and it goes back to sleep after each answer.

Watchdog (Wi-Fi) — the part that reconnects the device automatically and raises the KEEPIQ-SETUP hotspot if the network stays down.

Zone — a shape on the floor plan representing a real place: a shelf unit, a rack, a stack of boxes, a corner of the floor.

11. KEEPIQ Lite

Lite is the free taster that runs at keepiq.eu/lite, in the browser, with nothing installed and no account. It exists so you can try the way KEEPIQ thinks — a room, zones on a plan, shelves, box walls, products, variants — before deciding anything.

11.1 What it does

- **One room**, whose name you can change in the top bar.
- **Your own floor plan**: upload a photo of the room, a sketch on paper or a screenshot. Without an image you get a plain grid to place zones on. The picture is downscaled in your browser and never uploaded anywhere — images above 12 MB are refused.
- **Zones**, as many as you like, in four kinds: shelf rack, box group, table, plain zone. Turn on **Edit plan** to drag them, resize them from the corner handle, or double-click the title to rename. A rack can hold up to 24 shelves, a box group up to 48 boxes.
- **Containers**: a shelf row shows used/18 and turns amber when full; a box group shows its numbered cells with piece counts. Click one and it opens below the plan with its items and an **Add item here** button.
- **Items**: up to **12 products**, filament or hardware, each in a zone and a slot, each with per-variant quantities.
- **Search** across name, brand, description and variant labels; matching slots pulse on the plan.
- **Simulated Home Assistant badges**: temperature, humidity, light, plug, motion and fire detector, dropped onto the plan from the edit palette. The readings drift like live ones but nothing is polled and nothing is connected.
- **CSV export** whose columns match the full application's import, so a Lite trial can be carried into a real installation instead of being retyped.

11.2 What it deliberately does not do

Real voice control, the AI assistant, batches and expiry (FEFO), more than one room, assets, procurement, a real Home Assistant connection, photos, sync and licences are all full-version features. The **3D / VR**, **Voice** and **QR / NFC label** buttons in Lite open a short explanation of what the appliance does and a link to the buy page — they never pretend to work.

11.3 Where your Lite data lives

In your browser's local storage, under one key. It survives a reload but does not follow you to another device, and clearing your browser data clears it. If the browser refuses to save because the plan image is too large, Lite saves the inventory without the image rather than losing your items, and tells you a smaller picture is needed.