



GamMiris The Rack User Manual

Smart Kitchen Organizer

A Smart Touch to Traditional Flavours

Overview

This guide explains how to set up the rack, review ingredient stock, use household salt and sugar features, and care for the product.

Two everyday purposes

Purpose	How it helps
Ingredient stock	Check estimated quantities, low-stock alerts and shopping needs.
Household health awareness	Review salt and sugar use trends and manage voluntary goals.

Set Up Your Rack

Place the rack on a stable, dry kitchen surface. Keep containers in their assigned positions so the inventory estimates remain useful.

Bottle positions

Tier	Assigned containers
Top tier	Chili, Pepper, Turmeric, Salt.
Bottom tier	Sugar, Milk Powder, Coffee.

Setup steps

1. **Prepare the rack:** Place it on a flat, stable surface away from water and direct heat.
2. **Prepare the containers:** Fill and label the seven containers, then place each one in the matching position shown above.
3. **Power and connect:** If your prototype use powered tracking, connect it and follow the setup or app-pairing steps provided with that build.
4. **Check the app:** Open the GamMiris app or prototype dashboard and confirm that the rack and ingredient list appear.

Setting up the app

1. **Log in or sign up:** Create an account or log in to get started.
2. **Add spices:** Add each spice to the rack and enter its details, such as spice name, category, quantity, and expiry date when available.
3. **Check spices:** View all your spices, quantities, and low-stock alerts in the app.
4. **Check salt and sugar:** Review estimated household salt and sugar use, set voluntary goals, and view health-awareness alerts.



Prototype note

Some setups or app functions may be simulated in the current project demonstration. Follow the instructions supplied with your specific build.

Monitor Ingredient Stock

GamMiris estimates the amount remaining in each container using weight-based tracking. Use the app to review stock, choose low-stock thresholds and plan refills.

Check stock and alerts

1. **Open the stock view:** Review the estimated quantity shown for each ingredient.
2. **Set a low-stock threshold:** Choose when you want the app to remind you that an ingredient may need a refill.
3. **Review the alert:** Check the estimate before adding the ingredient to your shopping list.
4. **Update after refilling:** After adding more ingredients, use the refill or update action if it is available in your prototype.

Shopping list

- Add an ingredient when the stock estimate shows that it may run low.
- Review the list before shopping and remove items you no longer need.
- After shopping, refill the container and update its status in the app when supported.

Keeping estimates useful

- Keep the rack on a level surface and return each container to its assigned position.
- Treat the displayed amount as an estimate; it can change if the rack or container is moved.
- Check the container directly if you need to confirm its exact remaining quantity.

Build Household Awareness

The salt and sugar features help your household notice patterns over time. They estimate how much is removed from the household containers; they do not measure how much any one person consumes.

Salt and sugar

Salt	Sugar
Review estimated household use and trends.	Review estimated household use and trends.

Goals

- **Check the trend view** to notice changes in household use over time.
- **Set voluntary salt or sugar goals** that suit your household.
- **If the optional lock is enabled**, use the authorised override when access is needed.

Health note: These features support awareness only. They do not measure individual intake, diagnose a condition or replace medical advice.

Care and quick checks

- Wipe the rack with soft, dry or light damp cloth. Keep electrical parts dry.
- If an estimate looks unusual, check that the rack is level and the container is in its assigned position.
- If the app does not show a recent update, check the connection and follow the pairing instructions for your prototype.

Product limits

Inventory and usage figures are estimates based on household containers and prototype sensors. They may not represent exact quantities. App features shown in a project demo may be simulated.

Quick reference

- Keep the rack level.
- Keep containers in assigned positions.
- Treat readings as estimates.
- Keep electrical parts dry.
- Follow the instructions for the specific prototype build.