FIRST THINGS

Before you start

IN THE BOX

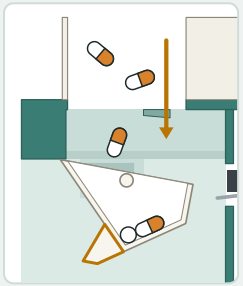
- The Smart Pill Reminder, lid on
- Voice memory card, already inside
- This guide

YOU ALSO NEED

- A 5 V USB-C phone charger (or a power bank)
- A phone with Wi-Fi and a web browser

PLEASE READ

- It is a reminder. Follow your doctor's or pharmacist's instructions for every medicine.
- Put one dose in each slot. The reminder drops whatever is in the slot.
- Not sure you took a dose? Check **History** in the app before you take more.
- Indoors only. Keep it dry and away from heat and direct sun.
- Keep the reminder and the pills out of reach of young children.
- Switch off before cleaning. Wipe it with a dry cloth; never wash it.



HOW IT WORKS

At each dose time the carousel turns one slot. The dose falls through the hole in the deck into the cup, and the voice keeps reminding you until you tip the cup to its stop.

QUICK START

1. **Switch on**
2. **Connect phone**
3. **Set times**
4. **Fill slots 1–14**

Details inside, steps 1 to 4.

HELP

Messages and fixes

WHAT THE SCREEN SAYS

`--:-- open app`	The clock is not set (first use, or its coin cell is flat). Open the app on your phone.
`08:00 Doses:14`	Time now and doses left. All is well.
`TAKE YOUR PILLS!`	A dose is in the cup. Take it now.
`Dose in the cup!`	The last dose was not taken. It is still in the cup.
`Please refill`	The carousel is empty. Do step 4.
`Home switch?`	The carousel can't find slot H. Switch off, check nothing blocks the carousel and the lid sits flat, then switch on.

IF SOMETHING GOES WRONG

No sound
Raise the volume in **Settings**, then tap **Test sound**.

The app won't open
Check the phone is on the **PillReminder** Wi-Fi and type **192.168.4.1**. If the phone keeps leaving that network, turn mobile data off.

The alarm won't stop
Push the tab all the way to its stop, or tap **I took my pills** or **Stop alarm** in the app.

After a power cut
It remembers its place, your times and the time of day. If the screen shows --:--, open the app once. If that keeps happening, the clock's CR2032 coin cell needs replacing.

SPECIFICATIONS

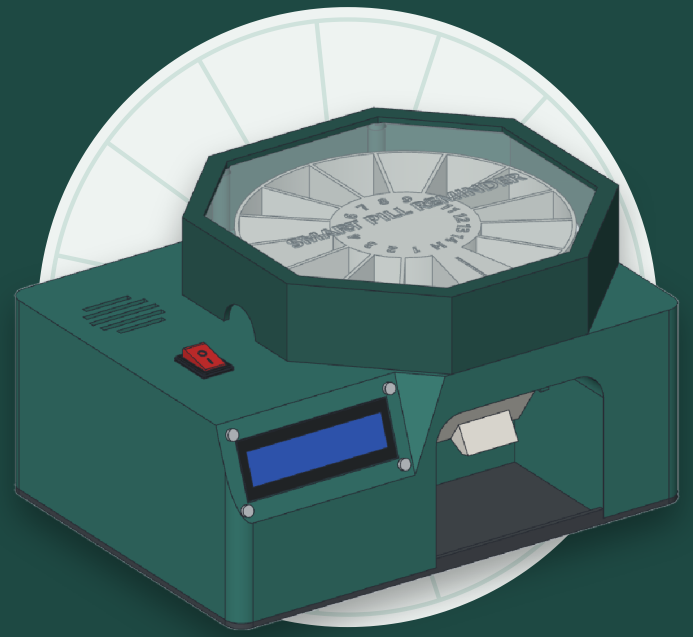
Size	**215 × 160 × 120 mm**
Power	**5 V, USB-C**
Doses	**14 (15 slots with H)**
Dose times	**Up to 4 a day**
Voice	**Arabic or English, volume 0–30**
App	**Built in, over Wi-Fi, no internet needed**

A student science fair project. Designed in CAD and 3D-printed in PLA.

USER GUIDE · FIRST USE

Smart Pill Reminder

منبه الدواء الذكي



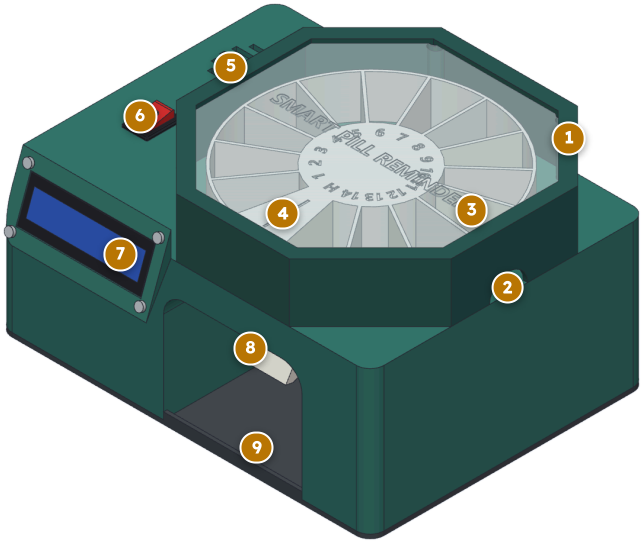
Reminds you on time, drops the right dose and knows when you have taken it.

- 14 doses, one per slot
- Up to 4 times a day
- Arabic or English voice
- Phone app, no internet needed

Please read this guide before first use.

YOUR REMINDER

Get to know it



1. **Lid with clear window**
   Lift it off to fill the slots.
2. **Finger notch, each side**
   Hold the lid here to lift it.
3. **Carousel**
   Slots 1 to 14, one dose in each.
4. **Slot H**
   Has a roof. Always stays empty.
5. **Speaker**
   Speaks the reminder.
6. **Power switch**
   Turns it on and off.
7. **Screen**
   Clock, doses left and messages.
8. **Cup**
   The dose drops in here. A small finger tab hangs under it.
9. **Hand opening**
   Slide your hand in here, palm up.



AT THE BACK

10. **USB-C power socket**
    5 V in.
11. **Service port**
    For updates only.

ⓘ Stand it on a flat table with the hand opening facing you, near a socket.

ONCE

Set it up

1 Switch on

Plug a 5 V USB-C charger into the socket at the back and switch on. The screen shows *Smart Pill Reminder* and the voice says “Pill reminder is ready.”

2 Connect your phone

On your phone, join this Wi-Fi network, then type the address into the browser:

Wi-Fi	`PillReminder`
Password	`pills1234`
Address	`192.168.4.1`

Set up on your home Wi-Fi instead? Open **pillreminder.local** or the numbers the screen shows.

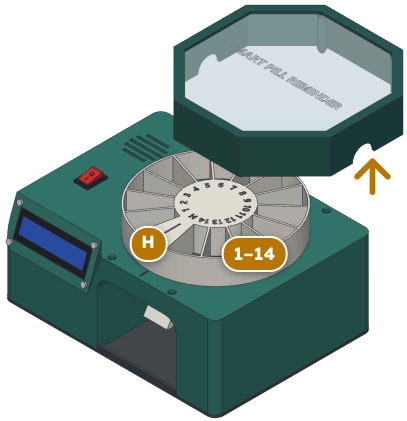
Use the browser’s **Add to Home screen** so the app is one tap away.

3 Set your times

Opening the app sets the clock. Tap **عربي** at the top for Arabic. In **Schedule**, switch on up to 4 times and tap **Save** (Morning 08:00 and Evening 20:00 are already on). In **Settings**, choose the voice language and volume.

4 Fill the carousel

In **Settings › Refill the carousel**, tap **Go to H**. Lift the lid by its notches and put one dose in each slot, 1 to 14, in order. Put the lid back and tap **Refill done**.



1–14
One dose in each slot

H
Has a roof: leave it empty

EVERY DAY

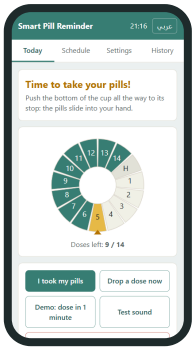
Taking your pills

5 When it’s time

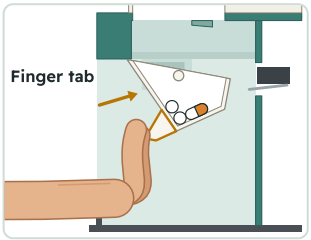
The carousel turns one slot and the dose drops into the cup. The voice says “Time for your medicine” and keeps reminding you every 30 seconds, the screen flashes and the app shows the alert.



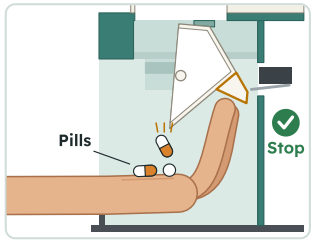
“Time for your medicine”



6 Take your pills



A Slide your hand in under the cup, palm up.



B Push the tab back with your fingertips until it stops. The pills slide into your palm.

The voice says “Thank you” and the alarm stops. It stops only at the stop, when the cup is empty.

GOOD TO KNOW

- Took the pills out with your fingers? Tap **I took my pills** in the app.
- Not taken in 30 minutes: the dose is marked missed. The next dose waits until the cup is empty.
- After slot 14 the carousel goes back to H and asks for a refill. Do step 4 again.
- **History** in the app lists every dose: dropped, taken or missed.
- Family alerts: type a topic name in **Settings**, then install the free **ntfy** app on the family’s phones and subscribe to the same name. Needs home Wi-Fi with internet.