membot

reminders where you need them

Membot
Instruction Manual

1. Membot System – general

The membot ecosystem consists of two parts: The membot device and the membot app, which is used to program the device.

With the membot app you can set a schedule of reminders. The schedule data is exchanged between the mobile phone and membot via Near Field Communication (NFC) technology.

The membot device has only one button - the Confirmation Button. This button is used to confirm that a reminder has been acknowledged.

Once the schedule has been downloaded from the mobile app to the membot device, it will store the schedule of reminders until it is overwritten with a new schedule. It works independently and a mobile phone is only needed when a schedule needs to be changed.

Membot is fitted with a clip for clipping it onto a box or a notepad. It is also fitted with a strong magnet so that you can attach it to a fridge door or any other metallic surface. If you intend to attach the device using a rubber band, or want to wear it around the neck, then remove the clip first, and keep it in a safe place for future use.

Membot app is compatible with both Apple iOS and Android operating systems.

Membot device has a Lithium battery type CR2032 which must be replaced from time to time, subject to the usage frequency of the device.

2. Membot app – general

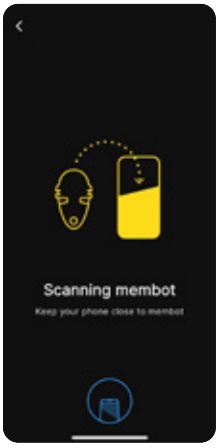
Membot app is an application to enable the setting of reminders to any possible pattern one might need. Each reminder can be followed with a timer period. You can edit individual reminders or cancel them altogether.

Once you install the membot app onto your mobile device, you will find an ‘example schedule’ under ‘saved schedules’. This example will help you learn how to create a schedule without the need to own a membot device.

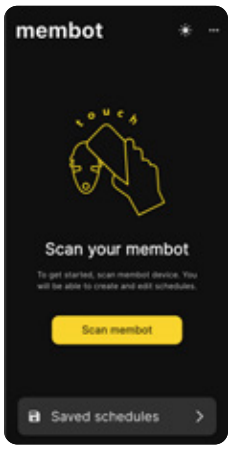
Once you feel comfortable with setting up a schedule, you will need to create your first custom reminders and upload them to a membot device.

You can save any schedule of reminders and share it with another membot user via WhatsApp, email, or other sharing software. You do not need to have access to a membot device in order edit a schedule, save it, or share it with another membot user.

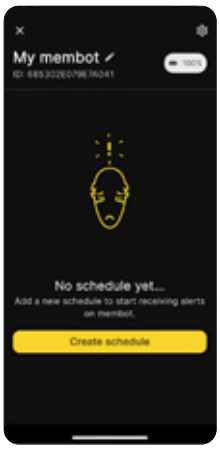
3. Membot app – explained step-by-step



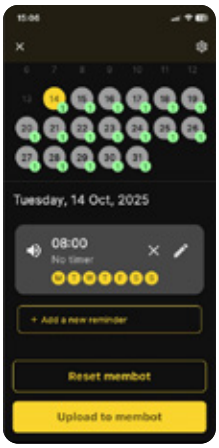
1. Install membot app on your iOS or Android device. Once you have accepted the terms set on the disclaimer section, you'll be asked to 'Scan your membot'.

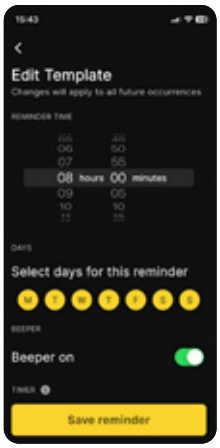


2. Press the 'Scan membot' button. Hold your mobile phone to the body of a membot device. The device will beep for a second to confirm transfer of data.



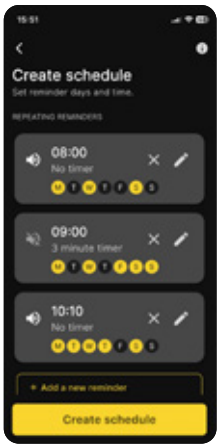
3. When you scan a new or unprogrammed membot, you'll be informed that there is no schedule on that membot. Your membot's battery level will be visible in the top right corner. Press the 'Create schedule' button.



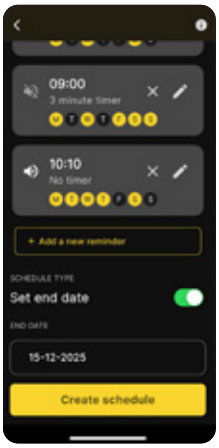


4. A default reminder is set for 08:00. Press the pencil icon to edit a reminder. In each reminder's editing box, you can set the time and days, choose if the bleeper will sound, and add a countdown timer. Choose whether you want the reminder with audible beeps. You can also choose to add a countdown timer.

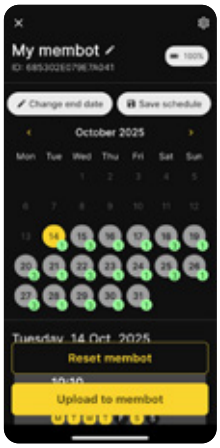
A countdown timer will start immediately after the reminder has been acknowledged. A beep will sound once the countdown has ended.
To exit the editing mode press 'Save reminder'.



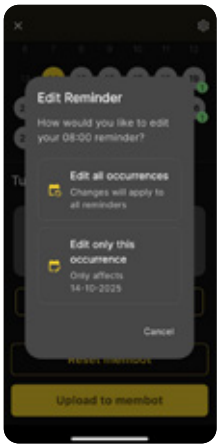
5. You can add reminders for any particular day by pressing the 'Add a new reminder' button.



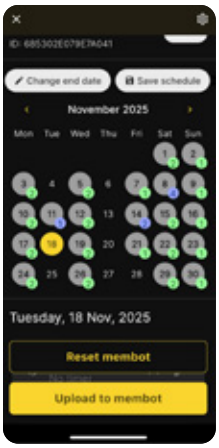
6. You can choose whether the schedule of reminders should have a predetermined end date or run forever.



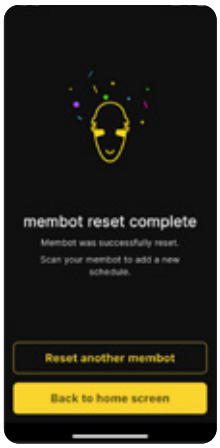
7. When you press 'Create schedule', a new summary screen appears. On this summary screen you can see all the reminders you have set. You can now choose to edit any of the reminders, cancel reminders, or add new reminders to any day within your schedule.



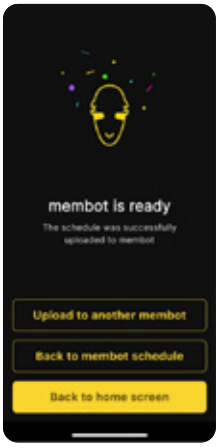
8. Select the date you which to change. A new screen will allow you to choose whether to edit all occurrences or only this occurrence. Note that if you have made changes to individual occurrences, those will not be overridden with subsequent edits of 'all occurrences'.



9. On this 'Summary screen' you can also change the end date of your schedule, save the schedule for future use, or delete it. If you choose to save the schedule, it will be stored in the app's memory for you to share it with any mobile device running the membot app.



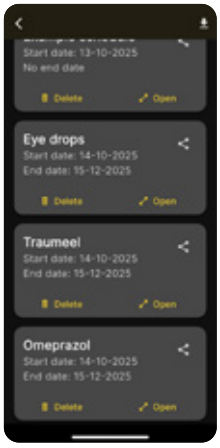
10. You also have the option to reset the membot device which will clear any existing schedule from the membot device's memory.



11. Press the 'Upload to membot' button and hold your phone to the membot device. You will hear a series of short beeps which signal the upload of data to the device. A longer beep signals that the data transfer has been completed (usually within couple of seconds) and that the device is ready.

On the confirmation screen you can also choose one of three options:

1. Upload the same schedule to any number of additional membot devices
2. Go back to the recent membot schedule and re-edit it if required
3. Go back to the app home screen.

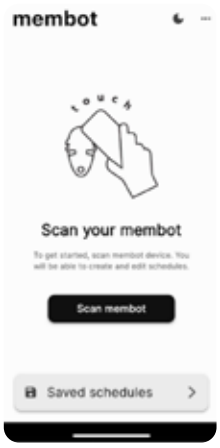


12. Provided you have saved the schedule you created, it will appear under the 'Saved schedules' button when you launch the app. You can open and view any saved schedule, edit it, and save it under a new name.

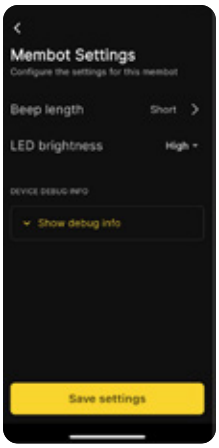
Using the share icon allows you to share any of the saved schedules using WhatsApp, email, or other mobile communication app. You can also delete any of the saved schedules from your membot app.

When you scan a membot device, you will get information about the battery charge level in the top right corner of the app screen. You should replace a battery when it has below 25% charge.

Each membot has a unique ID. This ID is displayed at the top left of the app screen, below the name of the schedule. This ID is used for production and service purposes.



13. You can choose to work with the app in dark or light mode, pressing the (sun) or (moon) button which is on the top right corner of the first screen. Dark mode is the default setting.



14. You can change the length of beep and LED alert brightness from the top right hand corner of the app.

The device debug info button is for remote service option.

4. Membot device

Membot device is designed to be used independently of a mobile phone, although one will be required to program the device.

Membot has green, red, and yellow LEDs, a beeper, and a confirmation button.

The Red LED flashes to signal a preprogrammed reminder. It flashes every 3 seconds until the confirmation button has been pressed.

The Green LED flashes for the duration of the countdown timer, if one has been set, from the moment you press the confirmation button.

The Yellow LED flashes to indicate the state of the device or if the battery needs replacing.

The confirmation button is used to confirm acknowledgement of the reminder.

The beeper accompanies the reminders, if selected in the schedule settings. It will continue beeping for one hour or until the reminder is acknowledged via the confirmation button.

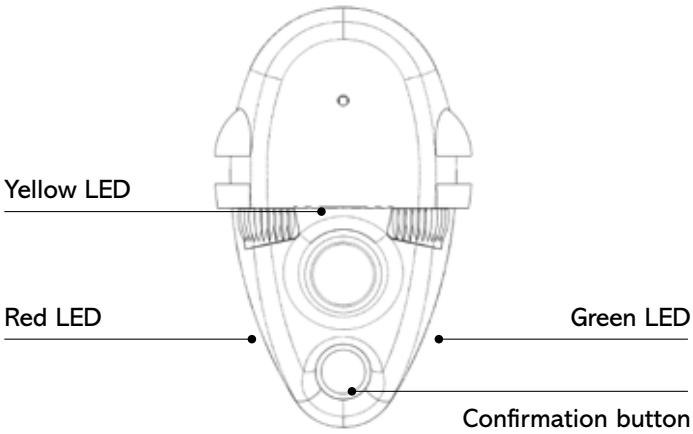
5. Membot device operational checks

Information about the state of the membot can be retrieved:

5.1. **Pushing the confirmation button twice in quick succession** will provide battery capacity status as well as information whether a schedule is running or not.
Red LED = No schedule

Red LED	=	No schedule
Green LED	=	Schedule running
Yellow LED	=	4 flashes = Battery 75% - 100%
Yellow LED	=	3 flashes = Battery 50% - 75%
Yellow LED	=	2 flashes = Battery 25% - 50%
Yellow LED	=	1 flash = Battery below 25% and must be replaced

5.2 Holding down the **confirmation button** for 5 seconds will cancel any running schedule and reset the device. Membot is then cleared of any reminder schedules.



6. What happens next

Place the membot device wherever a reminder is needed: Clip it to a medicine box, a folder or any particular notes, attach it to the fridge with a magnet, or to a door to remind you to check on someone at regular intervals. Alternatively, remove the clear clip from the device and use a rubber band to strap the device to a bottle of water to remind you to drink, or wear it around your neck to remind you to carry out a rehabilitation exercise.

Once membot's red light flashes to indicate a reminder, press the confirmation button. The red flashing light will stop and, if you chose the reminder to be followed with a timer period, a countdown function will start by flashing the green light, until that set period has elapsed. With the activation of the button, the flashing LED and beeper will stop. The next reminder is due according to the schedule which you have set.

7. Battery replacement

A battery is expected to last at least 6 months. You can check the battery status without accessing the app by pressing twice on the membot's button. If the yellow LED flashes 4 times you should replace the battery. To do so, remove the clip and pull the bottom and top parts of membot apart. This will expose half of the printed circuit board which contains the battery cell.

Push the battery out of it's holder and replace with a fresh CR2032 battery making sure the + is facing away from the circuit board.

Replace the silicone cover and press around the edges of the silicone boot to make sure that it is firmly held in position.