



Mobile Minder Agent

Version 1.0.0 · User Guide

The app that lets you set up custom animations, LED flash patterns, and sounds for missed texts, calls, and battery level — so you never miss a notification, even when you're far from your phone or sleeping.

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Overview

Mobile Minder Agent is an Android notification management app designed to ensure you never miss an important text message, phone call, or battery level change — even when your phone is across the room, in another room, or when you're sleeping.

The app monitors incoming text messages, phone calls, and battery level, then triggers highly visible full-screen **animations**, repeating **LED flashlight patterns**, and **custom sounds** to alert you. You can assign different animations to different contacts based on priority, and fully customize every aspect of the notification behavior.

Key Capabilities

- **Text Message Watching** — Detect incoming SMS/MMS via notification listener and trigger visual + audio alerts
- **Call Watching** — Detect incoming calls and trigger customizable alerts
- **Battery Monitoring** — Alert when battery drops to a low level or reaches full charge
- **Custom Animations** — Create full-screen emoji animations with 12 icons, 5 effects, 5 directions, and opacity control
- **LED Flash Patterns** — Record custom tap-based flashlight blink patterns
- **Sound Recording** — Record 3–5 second notification audio clips
- **Priority Contacts** — Assign up to 3 priority contacts with unique animations per event type
- **Time-Based Activation** — Set specific hours when watchers are active
- **Battery-Aware Auto-Off** — Automatically disable watchers when battery is critically low
- **Lock Screen Display** — Animations appear over the lock screen and wake the display
- **Smart Dismissal** — Dismiss alerts by picking up the phone or tapping the screen
- **Light & Dark Themes** — Full theme support with one-tap switching

Installation

1. Download and install **Mobile Minder Agent** on your Android device.

2. On first launch, the app will request several critical permissions (see below).
3. Grant all requested permissions for full functionality.
4. The app will display a splash screen, then navigate to the Home page.

Minimum Requirements

Android 8.0 (API 26) or higher. For best results with LED intensity control, Android 13 (API 33) or higher is recommended.

Permissions Setup

Mobile Minder Agent requires several Android permissions to function correctly. You will be prompted for these when you first launch the app. **All permissions are required for full functionality.**

1. Post Notifications

Prompted at First Launch

Starting with Android 13 (API 33), apps must request runtime permission to show notifications. The app will show Android's standard permission dialog on launch.

What to do: Tap "**Allow**" when the system dialog appears.

Why it's needed: The app posts status notifications for active watchers (e.g., "Text watcher active until 10:00 PM"), watcher expiry notices, battery alerts, and periodic reminders. Without this permission, you won't receive these status updates.

2. Appear on Top (Display Over Other Apps)

Manual Grant Required

This is the `SYSTEM_ALERT_WINDOW` permission. It allows animations and alerts to display as full-screen overlays on top of other apps and the lock screen.

What to do:

1. The app will prompt you to enable this setting.

2. You'll be taken to **Settings** → **Apps** → **Special Access** → **Display over other apps**.
3. Find "**Mobile Minder**" in the list and toggle it **ON**.

Why it's needed: Full-screen animations must display above the lock screen and other apps. Without this permission, animations will not be visible when the phone is locked or when you're in another app.

3. Notification Access (Notification Listener)

Critical — Manual Grant Required

This is the most important permission. It allows the app to read incoming notifications from messaging and phone apps to detect new texts and calls.

What to do:

1. The app will prompt you to enable Notification Access.
2. You'll be taken to **Settings** → **Notifications** → **Notification Access** (or **Settings** → **Apps** → **Special Access** → **Notification Access** on some devices).
3. Find "**Mobile Minder**" in the list and toggle it **ON**.
4. Confirm the security warning dialog by tapping "**Allow**".

 **Without Notification Access, the app cannot detect incoming texts or calls.**

This is the core mechanism that makes the app work. On Samsung devices in particular, traditional SMS broadcast receivers are silently blocked — Notification Listener is the only reliable method.

Why it's needed: The app monitors notifications posted by your messaging app (Samsung Messages, Google Messages, etc.) and phone app to detect when a new text or call arrives. It reads the sender name and message content to determine priority routing.

4. Microphone Access

Prompted When Recording

Required when you use the Sound page to record custom notification sounds.

What to do: Tap "**Allow**" when prompted upon your first recording attempt.

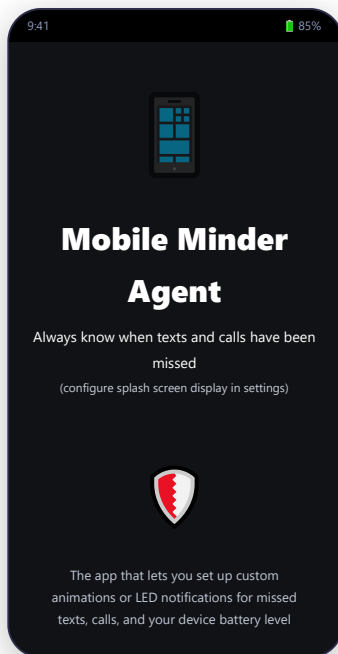
Why it's needed: The app records short audio clips (3–5 seconds) that are played back when notifications trigger.

Permission Summary Table

Permission	When Requested	How to Grant	Impact if Denied
Post Notifications	App startup	System dialog → Allow	No status bar notifications
Display Over Other Apps	App startup	System Settings → Toggle ON	No lock screen animations
Notification Access	App startup	System Settings → Toggle ON	App cannot detect texts/calls
Record Audio	First recording	System dialog → Allow	Cannot record custom sounds
Camera/Flashlight	Automatic	Declared in manifest	No LED flash patterns

First Launch & Splash Screen

When you open Mobile Minder Agent for the first time, you'll see the **Splash Screen**. This displays the app logo, title, tagline, and a brief description of the app's purpose.

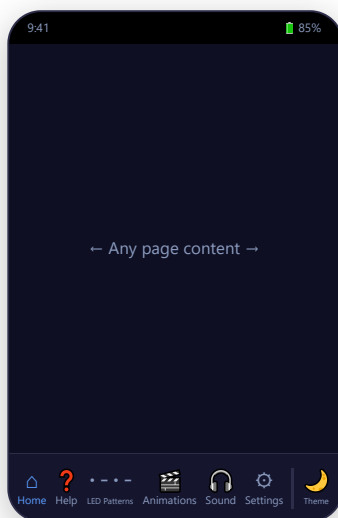


The splash screen behavior is configurable in [Global Settings](#):

- **Show for N seconds** (default: 5 seconds) — automatically advances to the Home page
- **Show until tapped** — waits for you to tap anywhere on the screen
- **Don't show at all** — skips directly to the Home page

Bottom Navigation Bar

The bottom navigation bar is always visible at the bottom of every screen. It provides instant access to all major sections of the app, plus a theme toggle.

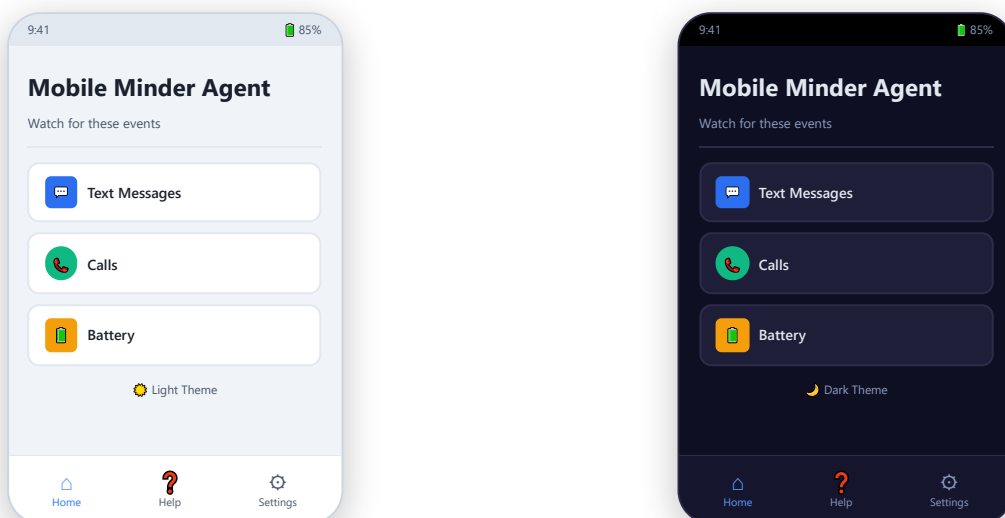


Tab	Icon	Purpose
Home	🏠	Main dashboard — enable/disable watchers, view summaries, toggle notification types
Help	?	Quick start guide, app version, about information
LED Patterns	----	Record and manage custom LED flashlight blink patterns
Animations	🎬	Create and manage custom full-screen emoji animations
Sound	🎧	Record and manage custom notification audio clips
Settings	⚙️	Global app settings (splash, accordion speed, acknowledgment types)
Theme	☀️ / 🌙	Toggle between Light and Dark mode (separated by a vertical divider)

The **active tab** is highlighted in blue ([accent color](#)), while inactive tabs appear in gray.

Light & Dark Themes

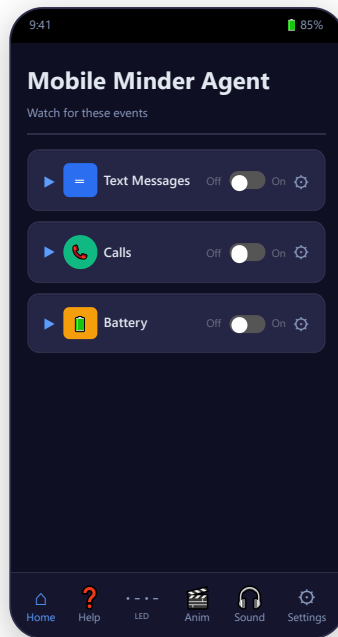
The app supports full Light and Dark themes. Toggle by tapping the ☀️ **Light** or 🌙 **Dark** button in the bottom navigation bar (right side, past the separator line).



Your theme preference is saved automatically and persists across app restarts.

Home Page — Main Dashboard

The Home page is the central control hub. It has the title "**Mobile Minder Agent**" with the subtitle "**Watch for these events**". Below that are three expandable **accordion cards** — one for each event type the app monitors.



Accordion Card Anatomy

Each event card has these elements:

- **Arrow indicator** (▶ / ▼) — Shows collapsed or expanded state. Tap the header to toggle.
- **Icon** — Color-coded icon identifying the event type (blue for texts, green for calls, amber for battery)
- **Event name** — "Text Messages", "Calls", or "Battery"
- **Watching switch** — Off/On toggle labeled "Watching". When ON (blue), the app actively monitors for this event type.
- **Gear icon** (⚙️) — Opens the detailed settings page for this event type

Expanding an Accordion

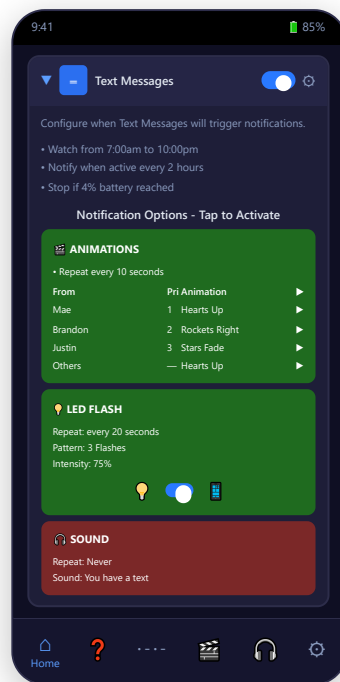
Tap anywhere on the accordion header to expand it. The arrow rotates from ▶ to ▼ and the content slides open with a smooth animation (speed configurable in [Settings](#)).

When expanded, you'll see:

- A description of what this watcher does
- Bullet-point summary of current settings (watch hours, activation interval, battery threshold)
- **Notification sub-cards** for Animations, LED Flash, and Sound

Text Messages Watcher

The Text Messages watcher monitors for incoming SMS/MMS notifications from your messaging app. When a text arrives during the configured watch hours, it triggers your chosen combination of animations, LED flash patterns, and sounds.



The expanded card shows your current configuration at a glance. Each bullet point reflects the settings from the detailed settings page (accessible via the ⚙ gear icon).

Calls Watcher

Identical in structure to the Text Messages watcher. The Calls watcher monitors for incoming call notifications. It supports the same priority-based animation assignment, LED flash patterns, and sound alerts.

- **Icon:** Green circle with 📞 phone emoji
- **Default watch hours:** 7:00 AM to 10:00 PM
- **Default activation interval:** 1 hour
- **Default battery stop:** 5%
- **Priority contacts:** Mae (1), Brandon (2), Justin (3), Everyone Else

Battery Watcher

The Battery watcher monitors your device's battery level and triggers notifications when it drops to a configured low threshold or reaches full charge.

- **Icon:** Amber square with 🔋 battery emoji
- **Default watch hours:** 24 hours (all day)
- **Default activation interval:** 2 hours
- **Low battery threshold:** 14% (triggers low battery alerts)
- **Full charge threshold:** 100% (triggers full charge celebration)

The Battery watcher has **two animation slots** instead of priority contacts:

- **When Battery Low** — animation played when battery drops to threshold
- **When Battery Full** — animation played when battery reaches full charge

Notification Sub-Cards

Inside each expanded accordion, there are three **notification sub-cards** that control what happens when an event is detected:

Animations Sub-Card

Controls full-screen emoji animations that appear over your lock screen.

- **Tap the card** to toggle active (green) / inactive (red)
- Shows repeat interval (e.g., "Repeat every 10 seconds")
- For Text/Calls: shows a **priority grid** with From (contact name), Priority (1-3), Animation name, and a ▶ play button for each row

- For Battery: shows "When Battery Low" and "When Battery Full" animation names with ▶ buttons

💡 **Green = Active, Red = Inactive**

Sub-cards turn green when enabled and red when disabled. Simply tap the card to toggle its state.

LED Flash Sub-Card

Controls the device's camera flashlight LED pattern.

- Shows repeat interval, pattern name, and intensity percentage
- **Bulb/Device toggle:** Switch between using the **camera LED bulb** (💡) or the **device screen LED** (📱) using the centered switch
- ▶ play button to preview the pattern

Sound Sub-Card

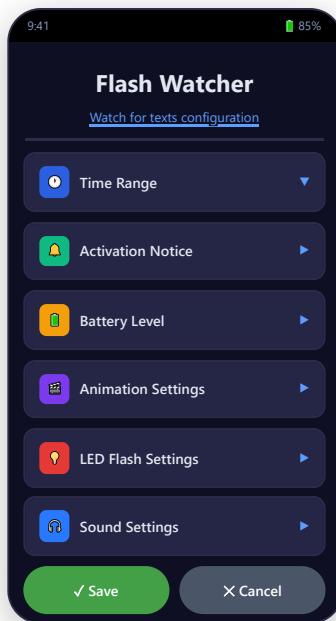
Controls the audio notification played when an event triggers.

- Shows repeat interval and selected sound file name
- ▶ play button to preview the sound

Event Settings (Gear Icon)

Tapping the ⚙️ **gear icon** on any accordion card opens a detailed settings page for that event type. The settings page title reads "**Flash Watcher**" with a subtitle like "Watch for texts configuration".

Each settings page has collapsible sections. Tap any section header to expand or collapse it.



1. Time Range

Set the hours during which this watcher is active.

- **From:** Start time (default 7:00 AM)
- **To:** End time (default 10:00 PM)

The watcher will only trigger notifications between these hours. Outside this window, incoming events are ignored.

2. Activation Notice

Configure how often the app reminds you that a watcher is currently active.

- **Interval options:** 15 min, 30 min, 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours, 7 hours, 8 hours
- **Default:** 1 hour (texts), 1 hour (calls), 2 hours (battery)

A notification will appear in your status bar at this interval, reminding you the watcher is running.

3. Battery Level

Set the battery percentage at which the watcher automatically stops to conserve power.

- **Slider range:** 0% to 100%
- **Default:** 5% (texts), 5% (calls)

When your battery drops to this level, the watcher turns off and posts a notification that it has stopped.

4. Animation Settings

- **Repeat Interval:** How often the animation replays (10–60 seconds)
- **Priority Animations:** Assign a specific animation to each priority contact:
 - **Priority 1** (Mae) — Highest priority, usually a family member
 - **Priority 2** (Brandon) — Second priority
 - **Priority 3** (Justin) — Third priority
 - **Everyone Else** — Default animation for any other sender
- Each priority row has a **From** field (contact name picker) and an **Animation** picker (dropdown of saved animations)

Priority Routing

The sender's name is extracted from the notification title. If it matches a priority contact name, that contact's specific animation plays. Otherwise, the "Everyone Else" animation plays.

5. LED Flash Settings

- **Repeat Interval:** How often the LED pattern replays (5–60 seconds)
- **Pattern:** Dropdown picker of saved LED patterns (system + user-created)
- **Intensity:** Slider from 0% to 100% (controls flashlight brightness on supported devices)
- **Bulb vs. Device LED:** Toggle buttons to choose between camera flashlight bulb or device screen flash
- **Preview button:** ▶ to test the pattern

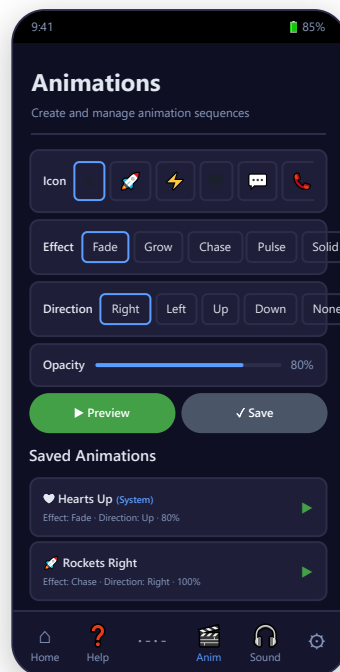
6. Sound Settings

- **Repeat Interval:** How often the sound replays (5–60 seconds, or "Never" for one-time)
- **Sound File:** Dropdown picker of saved sounds (system sounds + user recordings)
- **Preview button:** ▶ to hear the sound

After making changes, tap ✓ **Save** to persist your settings or ✕ **Cancel** to discard changes and return to the Home page.

Animations Page

The Animations page lets you create, preview, and manage custom full-screen emoji animations. Navigate here using the 🎬 **Animations** tab in the bottom nav bar.



Creating an Animation

- 1 Select an Icon** — Tap one of the 12 emoji icons in the horizontal scroll row. The selected icon gets a blue highlight border. Available icons: ★ Star, 🚀 Rocket, ⚡ Lightning, ❤️ Heart, 💬 Text Message, 📞 Phone, 🔋 Battery Full, 🔌 Battery Low, ❄️ Snowflake, 🌸 Flower, 🌊 Wave, 🐟 Fish.
- 2 Choose an Effect** — Tap one of the 5 effect buttons: **Fade** (gradual opacity change), **Grow** (size scaling), **Chase** (icons fly across screen), **Pulse** (rhythmic size/opacity pulsing), **Solid** (static display).
- 3 Set a Direction** — Tap one of 5 directions: **Right**, **Left**, **Up**, **Down**, or **None**. Directions control the travel path of the animation effect.
- 4 Adjust Opacity** — Use the slider to set background transparency from 0% (fully transparent) to 100% (fully opaque). This controls how visible the animation

background is.

5

Preview — Tap the ► **Preview** button to see a live preview of your animation.

6

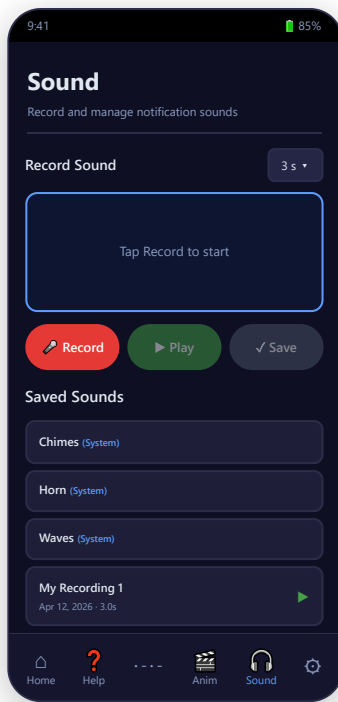
Save — Tap ✓ **Save**. You'll be prompted to enter a name for the animation. It appears in the **Saved Animations** list below.

Managing Saved Animations




- **System animation** ("Hearts Up") is pre-installed and cannot be deleted
- User-created animations are listed below system animations, newest first
- **Swipe left** on a user animation to reveal the **Delete** action
- **Swipe right** on any animation to reveal the **Play** action
- Each card shows: icon emoji, name, effect, direction, opacity percentage, and creation date

Sound Page

The Sound page lets you record short audio clips (3–5 seconds) to use as notification sounds. Navigate here using the 🎧 **Sound** tab.



Recording a Sound

- 1 Set Duration** — Tap the duration selector in the top-right corner to choose 3, 4, or 5 seconds.
- 2 Tap Record** — Tap the red  **Record** button. A countdown appears and the waveform visualizer activates, showing 30 animated bars representing recording amplitude in real-time. A progress bar sweeps from left to right.
- 3 Recording auto-stops** — After the configured duration, recording stops automatically.
- 4 Play back** — The  **Play** button becomes enabled. Tap it to hear your recording.
- 5 Save** — The  **Save** button becomes enabled. Tap it and enter a name. The sound appears in the Saved Sounds list.

System Sounds

Three built-in sounds are always available and cannot be deleted:

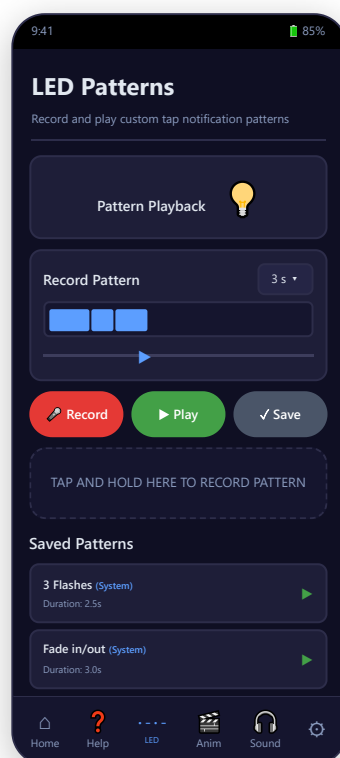
- **Chimes** — A pleasant chime notification
- **Horn** — A loud horn blast for urgent alerts
- **Waves** — A gentle wave sound

Managing Saved Sounds


- System sounds are pinned at the top of the list
- User recordings appear below, sorted by creation date (newest first)
- Each card shows: name, creation date, and duration in seconds
- **Swipe right** to play
- **Swipe left** to delete (user recordings only)

LED Patterns Page

The LED Patterns page lets you record custom flashlight blink patterns by tapping a touch area. Navigate here using the **LED Patterns** tab.



Recording a Pattern

- 1 Set Duration** — Tap the duration dropdown to choose 3, 4, or 5 seconds.
- 2 Tap Record** — Tap the red  **Record** button. A countdown starts.
- 3 Tap the Tap Area** — Press and hold the large dark button at the bottom. Each time you press down creates an "on" segment (LED on). Each time you release creates a gap (LED off). Create your desired blink pattern by tapping rhythmically.
- 4 Visual Feedback** — Colored rectangles appear in the visualization area showing your recorded segments in real-time. A timeline marker (▶) moves across to show the current position.
- 5 Preview** — Tap ▶ **Play** to see your pattern played back. The  bulb emoji in the playback card blinks in sync, and a beep sounds for each on-segment. If the device LED is available, it will also flash.
- 6 Save** — Tap ✓ **Save**, enter a name, and the pattern appears in the Saved Patterns list.

System Patterns

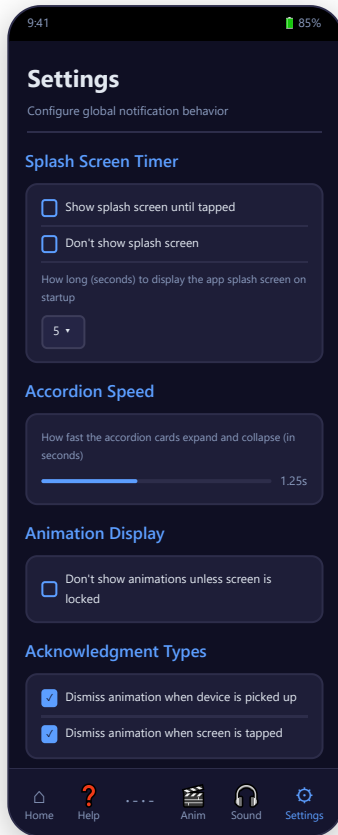
- **3 Flashes** — Three quick blinks (Standard type)
- **Fade in/out** — Smooth intensity ramp up then ramp down (Fade type)

Pattern Types

Type	Description
Standard	Discrete on/off segments — the LED is either fully on or fully off at each moment
Fade	Smooth intensity transitions — the LED gradually ramps up to full brightness, then gradually ramps back down

Global Settings Page

The Settings page (⚙️ tab in bottom nav) controls app-wide behavior that applies to all watchers. The title reads **"Settings"** with subtitle **"Configure global notification behavior"**.



Splash Screen Timer

Three mutually exclusive options for the startup splash screen:

Option	Behavior
Show for N seconds	Displays splash screen for 2–10 seconds (default: 5), then auto-navigates to Home
Show until tapped	Splash screen stays on until you tap anywhere
Don't show	Skips splash entirely and goes directly to Home page

Accordion Speed

Controls how fast the accordion cards on the Home page expand and collapse.

- **Range:** 0 to 3 seconds
- **Default:** 1.25 seconds
- Set to 0 for instant expand/collapse (no animation)
- Set higher for a slower, more dramatic effect

Animation Display — Screen Lock Check

When the checkbox "**Don't show animations unless screen is locked**" is checked, animations will only appear when the device screen is off or locked. If you're actively using your phone, animations won't interrupt you.

Recommended for daily use

Enable this if you don't want animations popping up while you're reading a text or browsing the web.

Acknowledgment Types

These settings control how you dismiss an animation that's currently displayed on screen:

- **Dismiss when device is picked up** — Uses the accelerometer to detect when you lift the phone. An acceleration change of 4.0+ triggers dismissal.
- **Dismiss when screen is tapped** — Tapping anywhere on the animation screen dismisses it.

At least one must be selected.

If you try to uncheck both, the app will prevent it. You need at least one way to dismiss animations.

Animation Playing Notifications

When a watcher triggers an animation, several things happen simultaneously:

1. **Screen wakes up** — The display turns on using a wake lock, even if the phone was sleeping

2. **Full-screen animation appears** — A black background with animated emojis covers the entire screen, including above the lock screen
3. **Immersive mode** — The navigation bar and status bar are hidden for a clean, full-screen experience
4. **LED pattern plays** — If LED Flash is enabled, the camera flashlight blinks in the configured pattern and intensity
5. **Sound plays** — If Sound is enabled, the configured sound clip plays
6. **Repeat cycle** — Based on your configured repeat intervals, animations, LED patterns, and sounds will repeat until dismissed

Dismissing Animations

Based on your [Acknowledgment Types](#) settings:

- **Pick up the phone** — Triggers accelerometer detection and dismisses all active alerts
- **Tap the screen** — Touching anywhere on the animation screen stops all alerts

When dismissed, the animation closes, LED flashing stops, sound stops, and all repeat cycles are canceled.

Foreground Service Notification

While an animation overlay is running, Android requires a foreground service notification. This notification is created and immediately hidden — it's a system requirement and won't clutter your notification shade.

Watcher Status Notifications

The app uses several notification channels to keep you informed:

Notification	When It Appears	Channel
Text Watcher Expired	When the text watcher end time is reached	Text Watcher Status
Calls Watcher Expired	When the calls watcher end time is reached	Calls Watcher Status
Battery Watcher Expired	When the battery watcher end time is reached	Battery Watcher Status
Battery Low Alert	When battery drops to stop threshold while watcher active	Text Watcher Battery Alert

Periodic Reminder Notifications

When a watcher is active, the app sends periodic reminder notifications at the interval you configured in the [Activation Notice](#) setting.

These reminders:

- Appear as high-priority notifications (heads-up pop-up)
- Remind you that the watcher is still running
- Use chained one-shot alarms (not repeating alarms) to survive Android's Doze mode
- Continue even if the app is killed from recent apps
- Stop automatically when the watcher's end time is reached

Scenario: Sleeping — Waiting for a Text

USE CASE

You're going to bed but expecting an important text message

Situation: You need to know immediately if a specific person texts you overnight, but you don't want to be woken up for every random notification.

Setup:

1. Go to the **Home page** and expand the **Text Messages** accordion.
2. Tap the **gear icon** to open Text Message Settings.
3. Set **Time Range** to your sleeping hours (e.g., 10:00 PM to 7:00 AM).
4. In **Animation Settings**, assign your important contact to **Priority 1** and choose a highly visible animation (e.g., "Hearts Up").
5. Enable **LED Flash** and choose a bright pattern with **100% intensity** and bulb mode.
6. Set LED **repeat interval to 10 seconds** so it keeps flashing until you wake up.
7. Enable **Sound** and select a loud sound like "Horn". Set repeat to **10 seconds**.
8. Go back to Home and toggle the Text Messages watcher **ON**.
9. Make sure **Animations**, **LED Flash**, and **Sound** sub-cards are all green (active).

What happens: When your priority contact texts you, your phone screen wakes up with a full-screen animation, the camera flashlight starts blinking at full brightness every 10 seconds, and a loud horn sound plays every 10 seconds — all of which continue until you pick up the phone.

Scenario: Phone Nearby in Another Room

USE CASE

Phone is on the kitchen counter while you're in the living room

Situation: You can see your phone from a distance and want a visual cue when a text arrives.

Setup:

1. Enable **Animations** with a bold, visible animation (e.g., "Lightning Chase Right").
2. Enable **LED Flash** with **bulb mode** and high intensity.
3. Sound can be optional — the visual cues may be enough.
4. Set repeat intervals to **15–20 seconds** so the flashing continues for a while.

What happens: The phone's screen lights up with a colorful animation and the flashlight blinks — visible from across the room. You can see it from a distance and know to check your phone.

Scenario: Far Away from Phone

USE CASE

Phone is upstairs while you're in the basement workshop

Situation: You can't see or hear your phone's normal notification. You need the loudest, most persistent alert possible.

Setup:

1. Enable all three notification types: **Animations, LED Flash, Sound.**
2. Set **Sound repeat to 5 seconds** with a loud sound ("Horn").
3. Set **LED repeat to 5 seconds** with **bulb mode at 100% intensity.**
4. Set **Animation repeat to 10 seconds** — the glowing screen adds to the visual alert.
5. Consider enabling both **Text Messages** and **Calls** watchers.

What happens: Maximum alert mode — the phone becomes a persistent beacon of light and sound. The camera flashlight blinks bright every 5 seconds, a horn blasts every 5 seconds, and the screen displays full-screen animations. This continues until you get to the phone and pick it up.

Scenario: Really Far Away from Phone

USE CASE

Phone is charging in the house while you're working in the yard

Situation: You're outside and can barely see your phone through a window. You need the flashlight to be your visual signal.

Setup:

1. The key here is the **LED Flash** — the camera flashlight is the brightest light source on your phone and visible from the greatest distance.
2. Set **LED pattern to "3 Flashes"** — distinct and recognizable from far away.
3. Set **intensity to 100%** and use **bulb mode**.
4. Set **LED repeat interval to 5 seconds** — frequent enough that you won't miss it if you glance at the window.
5. Position your phone so the camera flashlight faces toward you (screen down, camera lens pointed toward the window).
6. Enable the **Battery watcher** with a reasonable stop threshold (e.g., 15%) so the constant LED flashing doesn't drain your battery to zero.


What happens: Every 5 seconds, three bright camera flashes go off — visible even in daylight from across a yard. The battery watcher ensures the phone doesn't die from the constant flashing.

Scenario: Battery Level Monitoring

USE CASE

Overnight charging — want to know when fully charged

Setup:

1. Enable the **Battery watcher**.
2. Set a **"When Battery Full"** animation (e.g., " Battery Full — Chase Up").
3. Optionally enable **Sound** with a gentle chime.
4. Toggle the Battery watcher **ON**.

What happens: When your phone reaches 100% charge, it plays a celebration animation and optional sound, letting you know it's time to unplug. Similarly, if

battery drops to your configured low level, it alerts you with a different animation.

Scenario: Missed Calls Awareness

USE CASE

You frequently miss calls when your phone is on silent

Setup:

1. Enable the **Calls watcher**.
2. Set priority contacts (family members, boss, etc.) with distinctive animations.
3. Enable **LED Flash** with a recognizable pattern.
4. Enable **Sound** — this will play even if your phone is on silent because it uses the app's own audio system.

What happens: When someone calls, even if your phone is on silent, the screen lights up with a full-screen animation, the flashlight blinks, and a sound plays through the speaker — bypassing your phone's silent mode.

Default Startup Options

When you first install the app, these are the default values for all settings:

Global Settings

Setting	Default Value
Splash Screen	Show for 5 seconds
Accordion Speed	1.25 seconds
Don't show unless locked	Off (unchecked)
Dismiss on pickup	On (checked)
Dismiss on screen tap	On (checked)
Theme	System default

Text Messages Watcher

Setting	Default Value
Watcher State	Off
Watch From	7:00 AM
Watch To	10:00 PM
Activation Interval	1 hour
Battery Stop Level	4%
Animation Repeat	10 seconds
LED Repeat	20 seconds
LED Intensity	75%
LED Mode	Bulb
Sound Repeat	Never
Priority 1 From	Mae
Priority 2 From	Brandon
Priority 3 From	Justin

Calls Watcher

Setting	Default Value
Watcher State	Off
Watch From	7:00 AM
Watch To	10:00 PM
Activation Interval	1 hour
Battery Stop Level	5%
Animation Repeat	10 seconds
LED Repeat	20 seconds
LED Intensity	75%
Sound Repeat	Never

Battery Watcher










Setting	Default Value
Watcher State	Off
Watch From	12:00 AM (all day)
Watch To	11:59 PM (all day)
Activation Interval	2 hours
Low Battery Level	14%
Full Charge Level	100%
LED Repeat	20 seconds
Show Battery Text	Yes

Pre-Installed Content

Type	System Items
Animations	"Hearts Up" (♥ Heart, Fade effect, Up direction, 80% opacity)
LED Patterns	"3 Flashes" (Standard), "Fade in/out" (Fade)
Sounds	"Chimes", "Horn", "Waves"

Icons & Emoji Reference

All 12 animation icons available in the Animations page:

#	Icon	Name	Suggested Use
1	★	Star	General/favorite notifications
2		Rocket	Urgent/high-priority alerts
3		Lightning	Flash alerts, high energy
4	♥	Heart	Family/loved ones
5		Text Message	SMS/text-specific alerts
6		Phone	Call-specific alerts
7		Battery Full	Full charge celebration
8		Battery Low	Low battery warning
9	❄	Snowflake	Cool/calm notifications
10		Flower	Gentle/pleasant alerts
11		Wave	Soothing notifications
12		Fish	Fun/playful alerts

Animation Effects

Effect	Description
Fade	Icons gradually fade in and out with smooth opacity transitions
Grow	Icons start small and scale up in size
Chase	Icons fly across the screen in the specified direction — most dynamic and visible effect
Pulse	Icons rhythmically grow and shrink with opacity changes
Solid	Icons remain static and fully visible — simplest effect

Animation Directions

Direction	Description
Right	Icons move from left to right across the screen
Left	Icons move from right to left across the screen
Up	Icons rise from bottom to top (great for hearts, bubbles)
Down	Icons fall from top to bottom (great for snowflakes)
None	Icons appear in place without directional movement

Troubleshooting

App doesn't detect incoming texts

Most likely cause: Notification Access is not enabled.

Go to

Settings → **Notifications** → **Notification Access**

and make sure

Mobile Minder

is toggled ON. On Samsung devices, this is the only reliable method for SMS detection.

Animations don't appear on lock screen

- Ensure "**Display over other apps**" permission is granted (Settings → Apps → Special Access)
- Check that the "**Don't show animations unless screen is locked**" setting in Global Settings isn't interfering with your expectation
- Make sure the **Animations sub-card** is green (active) on the Home page

LED flashlight doesn't blink

- Ensure the **LED Flash sub-card** is green (active)
- Check that **bulb mode** is selected (💡 icon highlighted) if you want the camera flashlight
- Verify **intensity** is above 0%
- Some budget devices don't support flashlight intensity control — the flash will work but only at one brightness

Notifications stop after a while

- Check if the **watcher time range** has expired (e.g., 10:00 PM cutoff)
- Check if **battery level** dropped below the auto-stop threshold
- Some manufacturers aggressively kill background services — go to **Settings** → **Battery** → **Battery optimization** and set Mobile Minder to "**Not optimized**"

Sound doesn't play

- Ensure the **Sound sub-card** is green (active)
- Check that your **media volume** is turned up (the app plays sounds through the media audio channel)
- Try a different sound file to rule out a corrupted recording

Recording doesn't capture audio

- Grant **Microphone** permission if prompted

- Check that no other app is using the microphone

Frequently Asked Questions

Q: Does the app work when the phone is completely off?

No. The phone must be powered on. It works when the screen is off/locked, in sleep mode, or when you're in other apps.

Q: Will this drain my battery?

The app is designed to be battery-efficient. It uses a Notification Listener (low overhead) rather than constant polling. However, LED flashing at high frequency does use battery. Use the **battery auto-stop threshold** to prevent complete drain.

Q: Can I set different animations for different contacts?

Yes! Each watcher supports up to 3 priority contacts with unique animations, plus a default "Everyone Else" animation. Configure these in the event settings (⚙ gear icon).

Q: Does it work on Samsung phones?

Yes. The app was specifically designed to work on Samsung devices, which block traditional SMS broadcast receivers. The Notification Listener approach works reliably on Samsung Android 13/14+.

Q: Can I use the app while it's watching?

Absolutely. The watchers run in the background. You can use your phone normally. When an event triggers, the animation/LED/sound will activate. Enable "**Don't show animations unless screen is locked**" in Settings if you don't want animations while you're using the phone.

Q: What messaging apps are supported?

The app detects notifications from:

- Samsung Messages
- Google Messages

- Android Stock Messaging (MMS/SMS)

Q: How do I change priority contact names?

Go to the event settings page (⚙ gear icon → Animation Settings). Each priority row has a "From" field where you can change the contact name. The name must match exactly how the messaging app displays the sender (case-insensitive).

Q: Can I delete system animations/sounds/patterns?

No. System items (marked with a blue "System" badge) are read-only and cannot be deleted. You can create unlimited custom items of your own.

Q: What happens if I force-close the app?

The Notification Listener service runs independently of the app. However, the watcher alarm timers (expiry and reminders) use AlarmManager and will continue to fire. When the watcher end time is reached, a notification will inform you that watching has ended. For best results, don't force-close the app while watchers are active.

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For support, please contact the developer.