



Lechs Dialer & Shield

Phone app and call protection in one — modern, calm, without internet access

Lechs Dialer & Shield replaces your phone app: dial pad, contacts and call log in a neumorphic design — plus a shield that turns spam and ping calls away before the phone even rings. Everything runs locally; the app does not even hold internet permission and is technically unable to send your data anywhere.

Version 23.0 · Android 8.0 or newer

Lech Kuffel · kuffel.info/apps/lechscallshield

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Overview and navigation

The toolbar at the top is the starting point — every area is one tap away:

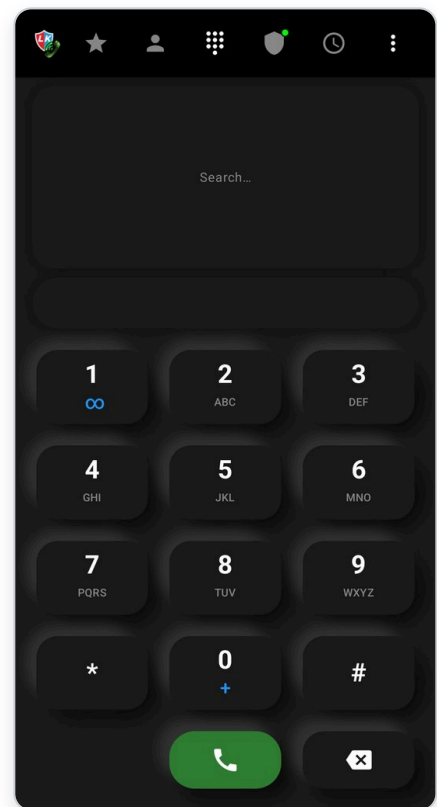
- **Favorites (star):** the contacts you need most often.
- **Contacts (person):** the full address book with search.
- **Dialer (keypad):** the classic key pad including speed dial.
- **Shield (shield):** the blocking protection. Its color shows the state — green means active blocking, orange spam warnings only, red protection off or the app is not set as the default phone app.
- **Call log (clock):** all incoming and outgoing calls.
- **Menu (three dots):** settings, statistics and "About the app".

The system back key always takes you back; there are deliberately no back arrows of our own.

Dialer

Type numbers on the key pad the classic way; the green button places the call.

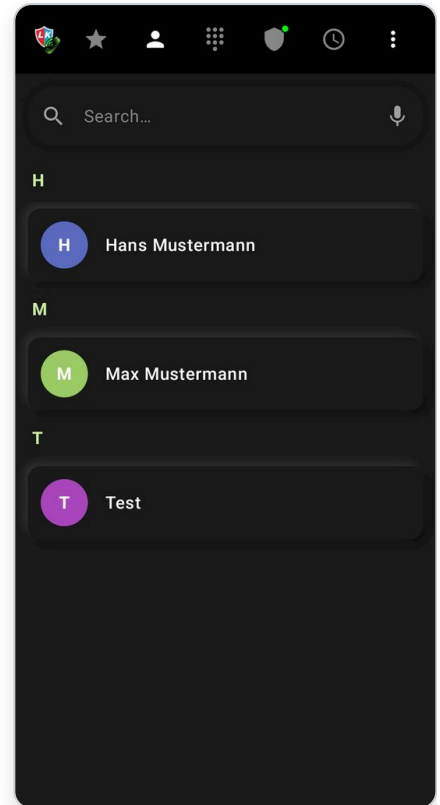
- **Speed dial:** long-press a digit from 2 to 9 and assign a number — a long press then calls it.
- **Suggestions while typing:** matching entries from contacts and the call log appear immediately, so you rarely type a number in full.
- **Calm picture:** the neumorphic key pad stays readable in low light and avoids glaring areas.



Contacts

All contacts on the device, sorted alphabetically.

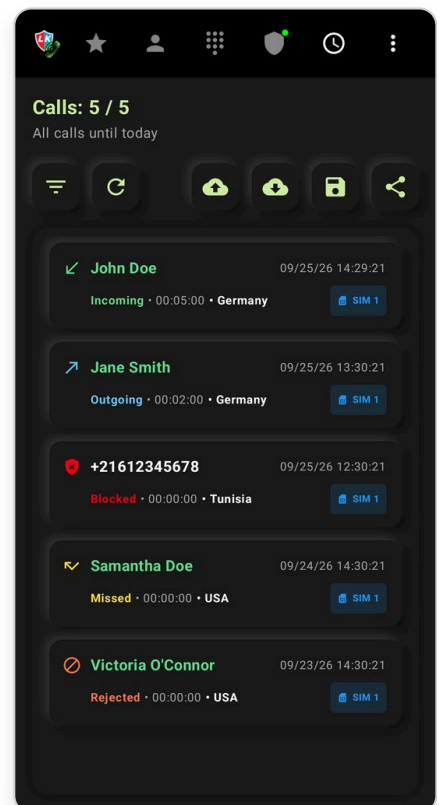
- **Search:** the field at the top finds an entry by name or number.
- **Voice search:** the microphone icon next to it takes the name spoken.
- **Tap:** call directly, open the contact in the contacts app or put it on a speed dial key.
- **Never blocked by accident:** if you like, the shield exempts all contacts from blocking altogether.



Call log

The complete history, color-coded by call type.

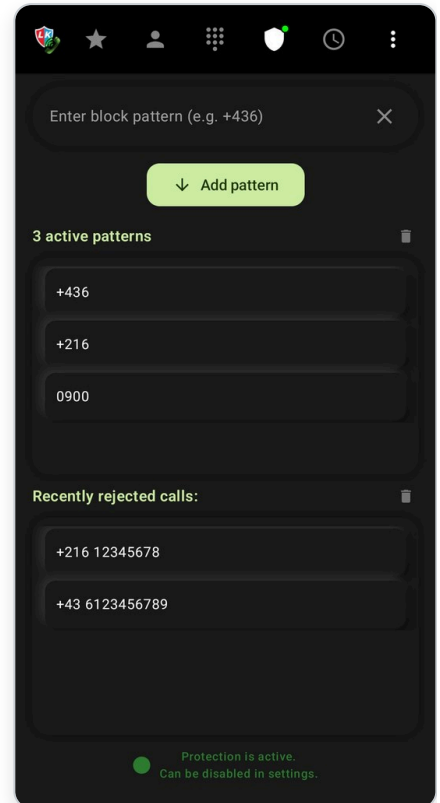
- **Every type:** incoming, outgoing, missed, rejected and blocked.
- **Filter:** hide individual types when only the missed calls matter.
- **Tap an entry:** opens the options, among them "block number" and "block the whole country" — handy with foreign area codes.
- **Dual SIM:** every entry shows which card the call went through.
- **Export:** the list can be saved as a CSV file and shared.



Shield — blocking calls

The heart of it: here you decide who gets through at all.

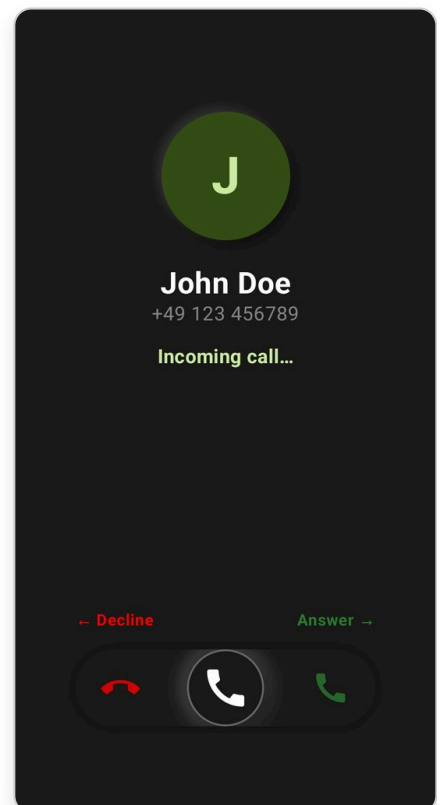
- **Block patterns:** enter a whole area code such as "+436" or a single number. Patterns take effect on every future call at once.
- **Active blocking:** numbers on the list are rejected without the phone ringing — the invisible bouncer.
- **Spam warnings:** mark suspicious callers even when automatic blocking is off or the number is unknown.
- **Two more switches:** reject calls without a number in general, exempt contacts in general.
- **Recently rejected:** below it you see which number was blocked and when.



Incoming call

The call screen asks for a swipe instead of a tap — on purpose.

- **Swipe, don't tap:** drag the round handle to the right to accept, to the left to decline. That way nobody answers a call from inside a trouser pocket.
- **Clear direction:** an animation and a colored glow show which way to pull.
- **Suspicion right away:** if the app considers the caller suspicious it says so on this screen — with a button to block the number or the whole country of origin.
- **During the call:** hold, take a second call, mute, speaker and key pad.



Ping call detection

"Ping calls" let your phone ring only briefly on purpose so that you call back — often to expensive premium numbers. The app spots this by itself from two patterns:

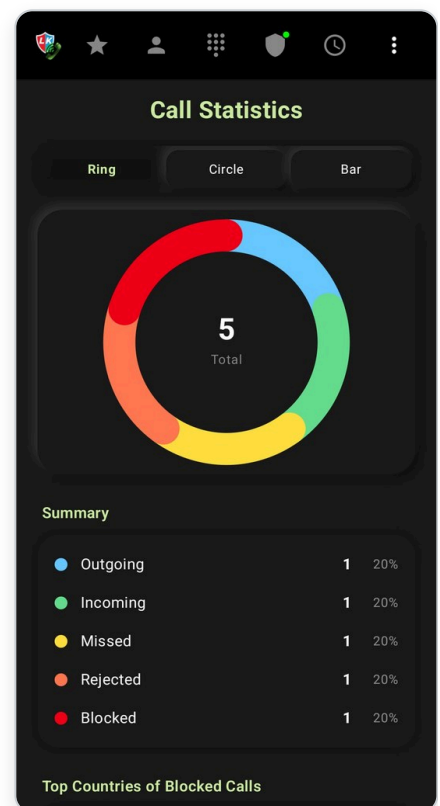
- The same number calls several times in quick succession without ever being answered.
- A number calls again and again over a longer period without a conversation ever taking place.

If the pattern fits, the number counts as suspicious — depending on your settings blocking kicks in, or at least the warning. There is nothing to set up for this.

Statistics

The statistics page in the menu shows what the protection actually achieves.

- **Ring chart:** outgoing, incoming, missed, rejected and blocked calls in proportion.
- **Origin:** the most frequent countries among blocked and rejected calls.
- **Period:** the evaluation covers the call history the device keeps.



Settings and backup

The menu leads to the settings:

- **SIM card display:** give the cards your own names on dual-SIM devices.
- **Speed dial 2–9:** view, change or clear the assignments.
- **Backup:** settings and block lists, optionally the system call log as well, as a file in the Downloads folder.
- **Restore:** play an earlier backup back in.
- **Reset first-run setup:** shows the introduction screen again on the next start.

Make one backup once your block patterns are in place — then nothing is lost when you change devices.

First-run setup and common questions

On first start the app asks one by one for the rights it needs for its work — contacts, call log, phone state and, for the conversation itself only, the microphone. Nothing is recorded.

- **The shield is red:** then the app is not set as the default phone app. Tap the red banner and confirm the system dialog.
- **A wanted number is blocked:** check the block patterns in the shield and delete the one at fault; contacts can be exempted in general.
- **The lock screen still shows the old phone app:** this mainly affects Samsung and Xiaomi. The app shows a note with the way into the device settings.
- **Start over:** "reset first-run setup" in the settings.

Data and privacy

Call protection is built exactly the way you would want it: it sees a lot and passes nothing on.

- **No internet permission:** the app is technically unable to transmit call logs, contacts or locations — neither to the developer nor to third parties.
- **No third-party SDKs:** no analytics, no tracking, no advertising.
- **Stored locally:** blocking rules, favorites and speed dial live in the app's private storage and disappear when you uninstall it.
- **Backups are yours:** the backup file and the CSV export land in your device's Downloads folder and nowhere else.
- **Permissions:** call log, contacts, phone state and microphone — what each one is needed for is in the privacy policy on the website.