



## ANDROID STATIC ANALYSIS REPORT



com.endel.endel\_brain\_message\_312088200.apk

File Name: com.endel.endel\_brain\_message\_312088200.apk

Package Name: com.endel.endel






Scan Date: Aug. 29, 2025, 10:06 p.m.

App Security Score: 85/100 (LOW RISK)

Grade:



## FINDINGS SEVERITY

 HIGH	 MEDIUM	 INFO	 SECURE	 HOTSPOT
0	1	0	1	1

## FILE INFORMATION

**File Name:** com.endel.endel\_brain\_message\_312088200.apk

**Size:** 8.99MB

**MD5:** 192c4ee372769b62ec308f30e9b3156d

**SHA1:** 44c96a61ebbb717594408d103b35a2fc16240385

**SHA256:** e35d6cb89df571cdafd2f211085f3aff46cd5ea72b7f6c83e1ab8b2278ffec08

## APP INFORMATION

**App Name:**

**Package Name:** com.endel.endel

**Main Activity:**

**Target SDK:**

**Min SDK:**

**Max SDK:**

**Android Version Name:**

**Android Version Code:** 312088200

## APP COMPONENTS

Activities: 0

Services: 0

Receivers: 0

Providers: 0

Exported Activities: 0

Exported Services: 0

Exported Receivers: 0

Exported Providers: 0

## CERTIFICATE INFORMATION

Binary is signed

v1 signature: True

v2 signature: True

v3 signature: True

v4 signature: False

X.509 Subject: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Signature Algorithm: rsassa\_pkcs1v15

Valid From: 2019-01-31 17:54:01+00:00

Valid To: 2049-01-31 17:54:01+00:00

Issuer: C=US, ST=California, L=Mountain View, O=Google Inc., OU=Android, CN=Android

Serial Number: 0xcf1c6897da641903c0a83c882c461dbc24150eba

Hash Algorithm: sha256

md5: 898ced216fcf2b94d85d41d9b94778ff

sha1: 8fa309c9714708a69821ad6de7d554db116d3037

sha256: 9289c30cee30ca40278504d5d375c93ace705ebf57a444a9e30a3132d3345d19

sha512: 7295fe5137a7fab8b9822b1c83a36e7698fb9e6a8fef202634024e68e05fb6018a5b495db7abc72c0959d7ed8e0ea7a4d00054d32be5d96364f992733263f73e

PublicKey Algorithm: rsa

Bit Size: 4096

Fingerprint: da1db2f75ab2a4216a75ffc6596e80ba0ee2f6a22186a3e83b7b54be9af6fad3

Found 1 unique certificates

## APPLICATION PERMISSIONS

PERMISSION	STATUS	INFO	DESCRIPTION
android.permission.WRITE_EXTERNAL_STORAGE	dangerous	read/modify/delete external storage contents	Allows an application to write to external storage.
android.permission.READ_PHONE_STATE	dangerous	read phone state and identity	Allows the application to access the phone features of the device. An application with this permission can determine the phone number and serial number of this phone, whether a call is active, the number that call is connected to and so on.
android.permission.READ_EXTERNAL_STORAGE	dangerous	read external storage contents	Allows an application to read from external storage.

## NETWORK SECURITY

NO	SCOPE	SEVERITY	DESCRIPTION
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## CERTIFICATE ANALYSIS

HIGH: 0 | WARNING: 0 | INFO: 1

TITLE	SEVERITY	DESCRIPTION
Signed Application	info	Application is signed with a code signing certificate

## MANIFEST ANALYSIS

HIGH: 0 | WARNING: 1 | INFO: 0 | SUPPRESSED: 0

NO	ISSUE	SEVERITY	DESCRIPTION
1	Application Data can be Backed up [android:allowBackup] flag is missing.	warning	The flag [android:allowBackup] should be set to false. By default it is set to true and allows anyone to backup your application data via adb. It allows users who have enabled USB debugging to copy application data off of the device.

## </> CODE ANALYSIS

NO	ISSUE	SEVERITY	STANDARDS	FILES
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## 👤 NIAP ANALYSIS v1.3

NO	IDENTIFIER	REQUIREMENT	FEATURE	DESCRIPTION
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## 🔴🔴🔴 ABUSED PERMISSIONS

TYPE	MATCHES	PERMISSIONS
Malware Permissions	3/25	android.permission.WRITE_EXTERNAL_STORAGE, android.permission.READ_PHONE_STATE, android.permission.READ_EXTERNAL_STORAGE
Other Common Permissions	0/44	

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## Malware Permissions:

Top permissions that are widely abused by known malware.

## Other Common Permissions:

Permissions that are commonly abused by known malware.

# PLAYSTORE INFORMATION

**Title:** Endel: Focus, Relax & Sleep

**Score:** 4.4324327 **Installs:** 1,000,000+ **Price:** 0 **Android Version Support:** **Category:** Health & Fitness **Play Store URL:** [com.endel.endel](https://play.google.com/store/apps/details?id=com.endel.endel)

**Developer Details:** Endel Sound GmbH, Endel+Sound+GmbH, None, <https://endel.io/>, [ask@endel.io](mailto:ask@endel.io),

**Release Date:** May 29, 2019 **Privacy Policy:** [Privacy link](#)

### Description:

Focus, relax, and sleep through the power of sound. Endel creates AI-powered sounds designed to support your everyday life. Backed by science, and enjoyed by millions worldwide. Endel is powered by its patented core AI technology. It takes inputs like location, environment, and heart rate, to create the optimal personalized soundscape. This happens on the fly and allows Endel to reconnect your state with your circadian rhythm • Relax – calms your mind to create feelings of comfort and safety • Focus – boosts your productivity by helping you concentrate for longer • Sleep – soothes you into a deep sleep with soft, gentle sounds • Recovery – revives your wellbeing with sounds engineered to lower anxiety • Study – improves concentration and keeps you calm whilst studying or working • Move – boosts performance and enjoyment while walking, hiking, and running Endel collaborations Alongside the much-loved Endel classics, Endel works with innovative artists and thinkers to create original experiences. Grimes, Miguel, Alan Watts, and Richie Hawtin aka Plastikman have all contributed to the growing catalog of soundscapes -- with more on the way. • James Blake: Wind Down – designed to support a healthy routine before bed – easing from evening to sleep with supportive sounds. • Grimes: AI Lullaby – original vocals and music created by Grimes. Scientifically engineered for sleep • Miguel: Clarity Trip – made for mindful walks, hikes or runs. With original adaptive sounds from Grammy-winning artist, Miguel. • Alan Watts: Wiggly Wisdom – soothing and motivating spoken word soundscape. Infused with the playful wisdom of Alan Watts • Plastikman: Deeper Focus – a deep focus techno soundscape created with Richie Hawtin Use at home, work, or on the move to relax, concentrate, and minimize distractions and brain fatigue. All modes are available offline. Using Wear OS app you can see the current and upcoming biological rhythms phases right on your watch face without opening the app. Use them as an energy compass to navigate the day. ENDEL SUBSCRIPTION You can subscribe to Endel, choosing from the following plans: – 1 month – 12 months – Lifetime The subscription automatically renews unless auto-renewal is turned off at least 24 hours before the end of the current period. Payment will be charged to your account at confirmation of purchase. Account will be charged for renewal within 24 hours of the end of the current period, and the cost of the renewal will be provided. Subscriptions may be managed by the user. Auto-renewal may be turned off by going to the user's Account Settings after purchase. No cancellation of the current subscription is allowed during active subscription period. Any unused portion of a free trial period, if offered, will be forfeited when the user purchases a subscription to that publication. For more information: Terms of Use - <https://endel.zendesk.com/hc/en-us/articles/360003558200> Privacy Policy - <https://endel.zendesk.com/hc/en-us/articles/360003562619>

## SCAN LOGS

Timestamp	Event	Error
2025-08-29 22:06:17	Generating Hashes	OK
2025-08-29 22:06:17	Extracting APK	OK
2025-08-29 22:06:17	Unzipping	OK
2025-08-29 22:06:17	Parsing APK with androguard	OK
2025-08-29 22:06:17	Extracting APK features using aapt/aapt2	OK
2025-08-29 22:06:17	Getting Hardcoded Certificates/Keystores	OK
2025-08-29 22:06:18	Parsing AndroidManifest.xml	OK
2025-08-29 22:06:18	Extracting Manifest Data	OK
2025-08-29 22:06:18	Manifest Analysis Started	OK
2025-08-29 22:06:18	Performing Static Analysis on: com.endel.endel	OK



2025-08-29 22:06:19	Fetching Details from Play Store: com.endel.endel	OK
2025-08-29 22:06:19	Checking for Malware Permissions	OK
2025-08-29 22:06:19	Fetching icon path	OK
2025-08-29 22:06:19	Library Binary Analysis Started	OK
2025-08-29 22:06:19	Reading Code Signing Certificate	OK
2025-08-29 22:06:20	Running APKiD 2.1.5	OK
2025-08-29 22:06:21	Detecting Trackers	OK
2025-08-29 22:06:21	Decompiling APK to Java with JADX	OK
2025-08-29 22:06:22	Decompiling with JADX failed, attempting on all DEX files	OK
2025-08-29 22:06:22	Converting DEX to Smali	OK
2025-08-29 22:06:22	Code Analysis Started on - java_source	OK

2025-08-29 22:06:22	Android SBOM Analysis Completed	OK
2025-08-29 22:06:22	Android SAST Completed	OK
2025-08-29 22:06:22	Android API Analysis Started	OK
2025-08-29 22:06:22	Android API Analysis Completed	OK
2025-08-29 22:06:23	Android Permission Mapping Started	OK
2025-08-29 22:06:23	Android Permission Mapping Completed	OK
2025-08-29 22:06:23	Android Behaviour Analysis Started	OK
2025-08-29 22:06:23	Android Behaviour Analysis Completed	OK
2025-08-29 22:06:23	Extracting Emails and URLs from Source Code	OK
2025-08-29 22:06:23	Email and URL Extraction Completed	OK
2025-08-29 22:06:23	Extracting String data from Code	OK

2025-08-29 22:06:23	Extracting String values and entropies from Code	OK
2025-08-29 22:06:23	Performing Malware check on extracted domains	OK
2025-08-29 22:06:23	Saving to Database	OK

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### Report Generated by - MobSF v4.4.0

Mobile Security Framework (MobSF) is an automated, all-in-one mobile application (Android/iOS/Windows) pen-testing, malware analysis and security assessment framework capable of performing static and dynamic analysis.

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