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LEEK



USER MANUAL

LEEK Pulse Pro

Field	Details
Product	LEEK Pulse Pro – Fitness Tracker (Screenless)
Brand	LEEK
Distributor / EU Importer	Syrax, Christianenburg 9, 34454 Bad Arolsen, Germany
Website	syrax.site
Document type	User manual pursuant to Regulation (EU) 2023/988 (GPSR)
Language	English
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Note on document status

- This document is content-complete but has not yet received formal sign-off. A final legal review is recommended before printing or publication.
- All technical specifications are based on the manufacturer's documentation for the hardware platform used (as of 08 September 2026) and information provided by Syrax.

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1 About This Document

This user manual describes the safe setup, operation, care and disposal of the LEEK Pulse Pro fitness tracker. This English-language version is provided for international customers and for markets where English is the required or preferred language. The German-language version remains the reference version for the German market pursuant to Article 9(7) GPSR. Additional language versions may be made available at syrax.site/support.

Syrax distributes the LEEK Pulse Pro internationally, with a focus on the European Union and the United States. The importer/distributor (Syrax) is based in Germany. Other countries may have different language and legal requirements; the applicable versions and any country-specific additional information are available at syrax.site/support.

The product packaging includes a QR code that links to this user manual and further support information at syrax.site/support. On request, Syrax will also provide this manual free of charge in printed form (contact details in Chapter 16).

All safety- and product-relevant information contained in this manual is already available in the product description on syrax.site prior to purchase (distance-selling requirement).

Note on document status

- This user manual is content-complete. Before final publication, a final legal review and proofreading pass are recommended (see Chapter 17).

2 Important Safety Information

Read these safety instructions in full before first use and keep them for future reference. Failure to observe them may result in injury, skin irritation, property damage, or damage to the device.

General

- This device is not a toy. Not suitable for children under 6 years of age – it contains small parts and a strap that may present a choking or strangulation hazard.
- Do not wear the band too tightly or continuously without a break, to avoid pressure marks or skin irritation.
- We recommend regularly switching the wrist on which the band is worn to further relieve the skin.
- Do not open or disassemble the device yourself. Repairs may only be carried out by authorised service points.
- Do not expose the device to open flames, extreme temperatures (see Chapter 13), or strong mechanical impacts.

Health – Not a Medical Device

Important Notice

- This device is a fitness and wellness product and is not a medical device. Heart-rate, SpO2, blood-pressure and sleep measurements are intended solely for general fitness and wellbeing information.
- Do not make medical decisions based solely on these readings. Consult a doctor if you have health concerns or are unsure about any symptoms.
- People with cardiovascular conditions, pacemakers, or other implanted medical devices should seek medical advice before use.

Skin Contact and Allergies

- Clean the band and housing regularly (see Chapter 9), especially after exercise and sweating.
- Stop use immediately and consult a doctor if you experience persistent redness, itching, or other skin reactions.
- If you have a known nickel or material allergy, a short trial wear period is recommended before extended use.

Battery, Charging and Electrical Safety

Caution

- Use only the supplied charging cable/adaptor, or one approved by the manufacturer.
- Do not charge the device unattended for extended periods, and not on easily flammable surfaces (e.g. bedding).
- Stop using the device if you notice swelling, overheating, unusual odour, or damage to the battery. In this case, contact Syrax (Chapter 16).
- Do not open, puncture, burn, or short-circuit the battery. The battery is permanently installed and cannot be replaced by end users.

Packaging

- Keep packaging materials (films, small parts) away from children – choking hazard.

3 Product Identification and Package Contents

Product Identification

Feature	Details
Product name (EU distribution)	LEEK Pulse Pro
Brand	LEEK
GTIN	04270005560908
Manufacturer	Shenzhen Lexqi Electronic Technology Co., Ltd, Shenzhen, China
Importer / Distributor (EU)	Syrax, Christianenburg 9, 34454 Bad Arolsen, Germany

The model designation and batch/serial number are additionally provided on the product and/or the packaging.

Package Contents

- 1× LEEK Pulse Pro fitness tracker (band, size as ordered)
- 1× Magnetic charging cable
- QR code on the packaging linking to the user manual and support at syrax.site/support

The package contents may vary depending on the order variant. Please check the contents for completeness upon receipt.

4 Device Overview

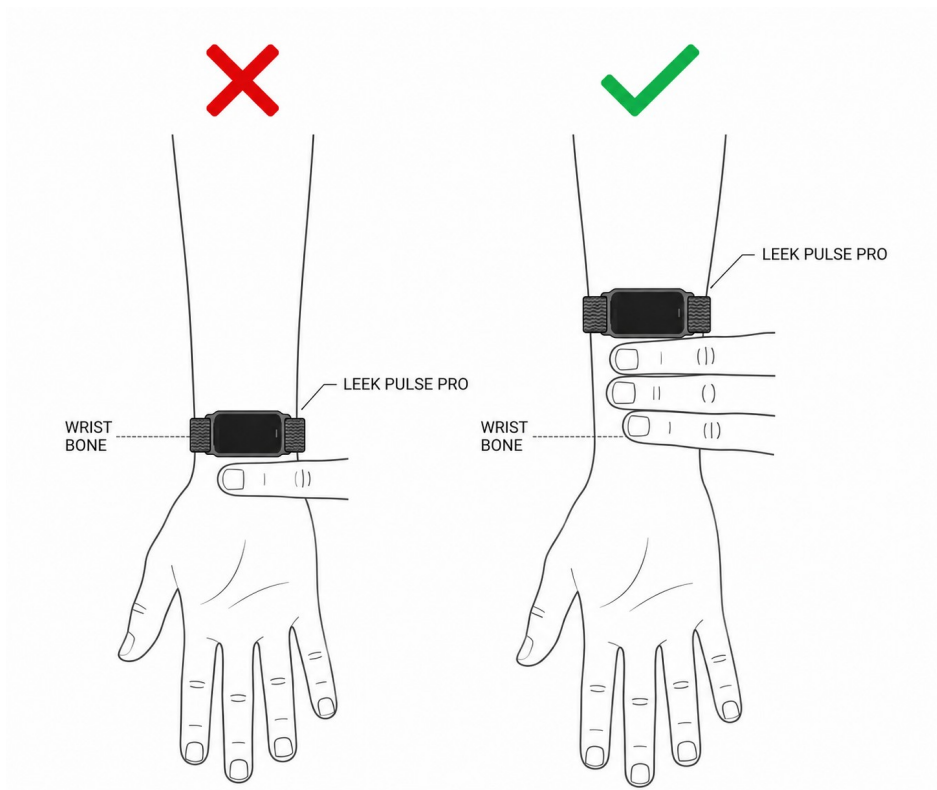
The LEEK Pulse Pro is a screenless fitness band. It is operated using a single button and a status LED; all readings, statistics and settings are displayed in the companion smartphone app.



Element	Description
Status LED	Indicates power and connection status (green/red); see Chapter 7.1 for the meaning of the signals
Single button	Powers the device on/off, checks connection status, and triggers “Find Phone”; see Chapter 7.1 for exact operation
Charging contacts (back)	Magnetic contact area for the supplied charging cable
Housing	Plastic housing, 42.7 × 23.5 × 8 mm
Band	Silicone or nylon band (depending on order variant), adjustable

5 Wearing the Band Correctly

The position of the band on your wrist has a noticeable effect on the accuracy of optical heart-rate measurement. To ensure the sensor sits evenly against the skin without motion interference, the band should not be worn directly on the wrist bone.



The Three-Finger-Width Method

- Incorrect: Wearing the band directly on or immediately above the wrist bone – the sensor sits unevenly and more often produces inaccurate readings.
- Correct: Wear the band about three finger-widths above the wrist bone, towards the forearm (see illustration).
- The band should fit snugly but not painfully tight – the sensor on the underside must maintain even skin contact without cutting in.

Why this matters

- In comparative measurements conducted by Syrax, wearing the band with roughly three finger-widths of clearance from the wrist bone resulted in up to 11.4% fewer heart-rate measurement errors compared with wearing it directly on the wrist bone.
- This position is especially recommended during exercise, since motion artefacts are significantly more pronounced over bone than over the softer tissue of the forearm.

6 Getting Started

6.1 Charging

- Connect the supplied magnetic charging cable to a USB power source (e.g. a power adapter or computer).
- Place the band on the charging contacts so that the magnets snap into place and the status LED lights up.
- A full charge takes approximately 2 hours. Battery life is then approximately 20–30 days in normal use, or up to 45–60 days on standby (manufacturer's specification).
- Fully charge the device before using it for the first time.

6.2 Downloading the App

The free “LEEK” app is required to use all features.

Important notice: Currently Android only

- The “LEEK” app is currently available exclusively for Android smartphones (Google Play).
- An iOS version (App Store) is in preparation. Check syra.site/support for the latest status.
- Without the app, the band can be charged on an iOS device, but cannot currently be used to its full extent.



“LEEK” app · currently available for Android (Google Play)

6.3 Connecting (Bluetooth Pairing)

- Press and hold the button on the band for 3 seconds until it switches on (LED lights up green) – see Chapter 7.1.
- Turn on Bluetooth on your Android smartphone and open the “LEEK” app.
- The band appears in the device list as “LEEK Pulse Pro”. Tap it once to establish the connection.
- From this point on, the band will normally reconnect automatically whenever both the band and the app are active.

Automatic connection not working?

- Restart both the band (switch off and on again) and the smartphone.
- New app or firmware updates occasionally cause connection issues that are only resolved after restarting both devices.

6.4 Setting Up Your Profile

- After connecting for the first time, go through the setup screens in the app and create your personal profile (e.g. age, height, weight, sex).
- The more accurate and complete your profile details, the more precise the calculations (e.g. calorie burn, fitness age) will be.

6.5 Your First Data

- Immediately after setup, the app may still appear empty – the band first needs to collect data.
- After a few hours of wear, the first readings (e.g. heart rate, steps) become visible.
- The longer the band is worn continuously, the more accurate the analyses become, particularly for sleep and recovery data.
- The estimated fitness age is first displayed after around 14 days of continuous use, since sufficient historical data is required for this calculation.

7 Operation and Features

The band has no display. All readings, statistics and settings are shown in the “LEEK” app. The device itself is operated exclusively via the single button and the status LED.

7.1 Button and LED Operation

Action	Effect
Band is off: press and hold the button for 3 seconds	Band switches on – LED lights up green
Band is on: press and hold the button for 3 seconds	Band switches off – LED lights up red
Band is on: press the button once	Shows the connection status: LED green = connected to the app LED red = not connected
Band is on: press the button twice in quick succession	Triggers “Find Phone” – the paired smartphone rings/vibrates
While the smartphone is ringing: press the button twice in quick succession again	Stops the ringing/vibration on the smartphone

7.2 Feature Overview (in the App)

Feature	Short Description
24-hour heart-rate monitoring	Continuous optical pulse measurement
SpO2 measurement	Blood-oxygen saturation (wellness indicator, not a medical device)
Blood-pressure estimate	Wellness indicator; does not replace a medical blood-pressure measurement
Stress level	Wellness indicator estimating current stress load
Sleep analysis & sleep stages	Tracks sleep duration as well as light, deep and REM sleep stages
Sleep consistency	Assesses the regularity of bedtime and sleep duration across multiple nights
Recovery	Wellness indicator estimating the body's state of recovery
Strain	Wellness indicator for overall daily physical load
Fitness age	Wellness indicator representing estimated physical fitness relative to age
Step/activity tracking	Step counter and active minutes
Calorie burn	Estimate of daily calorie expenditure
Sport modes	260 selectable sport/training modes
Call notification	Vibration alert for incoming calls (requires app connection)
Do Not Disturb (DND)	Suppresses notifications for a set period
Sedentary reminder	Reminder to move after prolonged sitting
Find Phone	See Chapter 7.1 – triggered via the button on the band
Wear detection	Detects whether the band is being worn
Code scanning	Fast pairing via QR code in the app
OTA firmware update	Updates the device software via the app

Feature	Short Description
Reset	Restore factory settings via the app settings
Data export / import	Back up and transfer recorded training and health data via the app settings
Note Stress level, recovery, strain and fitness age are algorithmically calculated wellness indicators based on sensor data. They are intended for general guidance only and are not medical measurements (see Chapter 2).	

8 Water Resistance (IP68)

The LEEK Pulse Pro is certified to IP68 and is therefore dust-tight and protected against continuous immersion under defined test conditions.

Please note

- IP68 applies to clean fresh water under laboratory conditions. Protection decreases over time and with wear (e.g. scratches, ageing of seals).
- Not suitable for: sauna visits, hot showers/baths, diving, pressure washers, or extended exposure to salt water or chlorinated water.
- After contact with salt water, chlorinated water, soap, or sweat, rinse the band with clean fresh water and dry it fully before charging.
- Do not press the button underwater.

9 Cleaning and Care

- Clean the housing and band regularly with a soft, slightly damp cloth.
- Do not use solvents, alcohol, soap, or abrasive cleaning agents.
- Dry the band completely before charging it or before storing it for an extended period.
- Avoid direct contact with cosmetics, sunscreen, or insect repellent – residue can discolour the band or irritate the skin.
- Store the device in a dry, cool place when not in use.

10 Battery and Charging Safety

Feature	Details
Battery type	Lithium-ion, type 502020
Nominal voltage	3.7 V
Capacity	180 mAh / 0.666 Wh
Charging method	Magnetic / Qi wireless
Charging time	approx. 2 hours
Replaceability	Permanently installed, cannot be replaced by end users

- Charge the device at room temperature; avoid charging in freezing conditions or under strong heat exposure (e.g. direct sunlight, inside a vehicle).
- Use only tested USB power adapters or charging sources.
- If you notice visible damage, swelling, or unusual heat, stop using the device immediately and contact Syrax (Chapter 16).
- At end of life, the battery must be disposed of separately from household waste in accordance with EU Battery Regulation (EU) 2023/1542 (see Chapter 14).

11 Software Updates, Connectivity, Cybersecurity and Privacy

Connection and Data Transfer

- The device communicates exclusively via Bluetooth Low Energy (BLE 5.2) with the “LEEK” app.
- The band itself has no independent internet connection.

Privacy

No servers, no cloud

- Measurement data is transferred exclusively and directly from the band to the app on your smartphone, and processed locally there.
- No third-party servers or cloud services are involved in the transfer or processing of your data.
- Your health and fitness data is not shared with Syrax, the manufacturer, or any other third party as part of normal device use.

Software Updates

- Firmware updates are delivered via the app over the air (OTA). Keep the app and firmware up to date to benefit from bug fixes and, where relevant, security improvements.
- Before installing an update, it is recommended to charge the device sufficiently and not interrupt the connection.
- Material software changes that could affect safety- or compliance-relevant properties are assessed by Syrax under Article 13 GPSR before being rolled out.

Automated Features

The device has no self-learning or self-modifying AI functionality. Sensor data (e.g. heart rate, motion) is used exclusively to display statistics in the app; the product does not automatically change its own behaviour.

Cybersecurity

- Pairing is only possible via the official app; do not pair the device with unknown apps or devices.
- Protect your smartphone with a screen lock or a secure password, since your locally stored health and fitness data is accessible through it.
- Use the export function in the app settings to back up your data regularly before switching smartphones or resetting the app.

Note: For connected products with digital elements, the EU has additionally introduced Regulation (EU) 2024/2847 (Cyber Resilience Act, CRA). Syrax is monitoring the CRA requirements as they take effect and will adapt product documentation and update processes accordingly where necessary.

12 Troubleshooting

Problem	Possible Solution
Band does not charge	Check and clean the charging contacts and magnetic connector for dirt; check the cable is seated correctly; try a different USB power adapter/cable.
No connection to the app	Turn on Bluetooth on your smartphone; grant the required app permissions; keep the band close to the smartphone; restart the app and, if needed, the band.
Status LED flashes/lights unexpectedly	Check the meaning of the colour codes in the app help; a flashing red LED usually indicates low battery – charge the device.
Inaccurate readings/sensor values	Check the band fits correctly and is not too loose on the wrist; clean the sensor surface; allow a brief rest period before measuring.
Band will not switch on	Check the battery level/charge the device for approx. 30 minutes, then press and hold the button for 3 seconds again (see Chapter 7.1).
Button does not respond as expected	Check that the button is being pressed all the way down; if needed, reset the band to factory settings via the app.
Firmware update fails	Ensure a stable Bluetooth connection, check sufficient battery level (> 50%), and restart the update.

If a problem persists, contact Syrax customer service (Chapter 16).

13 Technical Specifications

Feature	Details
Model designation	LEEK Pulse Pro
Housing dimensions	42.7 × 23.5 × 8 mm
Housing material	Plastic
Band material	Silicone or nylon band (selectable)
Control	Single button
Water resistance rating	IP68
Battery	Li-ion 502020, 3.7 V, 180 mAh, 0.666 Wh
Charging time	approx. 2 hours
Battery life	approx. 20–30 days
Standby time	approx. 45–60 days
Wireless connection	Bluetooth Low Energy 5.2 (2.4 GHz)
Processor (SoC)	Nordic nRF54L15
Heart-rate sensor	Huigong GH3026
Motion sensor	ST LSM6DSOETR3 (6-axis IMU)
Memory	256 KB RAM / 12 MB flash
Sport modes	260 modes
Companion app	LEEK (currently Android; iOS in preparation)
Supported app languages	Over 40 languages, including English, German, French, Spanish (full list in the technical documentation)

14 Disposal

Electrical/Electronic Equipment (WEEE)

At the end of its service life, this product must not be disposed of with normal household waste. It must be taken to a separate collection point for waste electrical and electronic equipment, e.g. via municipal collection points or retailers (take-back obligation under WEEE Directive 2012/19/EU or applicable national law). The crossed-out wheeled-bin symbol on the product/packaging indicates this requirement.

Battery

The lithium-ion battery permanently installed in the device must be disposed of separately from household waste in accordance with EU Battery Regulation (EU) 2023/1542. Please return the device to a suitable collection point for electronic waste or batteries, as the battery is not intended to be removed by end users.

Packaging

Please dispose of packaging materials in accordance with local recycling requirements (paper, plastic).

15 Compliance and Legal Notices

CE Marking

The LEEK Pulse Pro bears the CE marking and meets the applicable requirements of the Radio Equipment Directive 2014/53/EU (RED) and the RoHS Directive 2011/65/EU as amended by 2015/863/EU. The full EU Declaration of Conformity is available at syrax.site or on request from Syrax.

General Product Safety (GPSR)

Pursuant to Regulation (EU) 2023/988, a risk assessment has been carried out for this product. It forms part of the technical documentation, which Syrax, as importer/distributor, retains for at least 10 years from the placing on the market of the last unit of the product (Article 9(3) GPSR).

Not a Medical Device

This product is a wellness and fitness device and does not constitute a medical device within the meaning of the Medical Device Regulation. It is not intended for the diagnosis, treatment, or monitoring of any medical condition.

Disclaimer of Liability

Syrax accepts no liability for damage resulting from improper use, failure to follow this manual, unauthorised repairs, or the use of unapproved accessories.

16 Contact and Responsible Economic Operators

Role	Details
Manufacturer	Shenzhen Lexqi Electronic Technology Co., Ltd, 12F, Building D1, Huilongda Industrial Park, Shilongzai Community, Shiyan Street, Baoan District, Shenzhen, China
Importer / Distributor (EU)	Syrax, Christianenburg 9, 34454 Bad Arolsen, Germany Website: syrax.site Email: syrax.shop@proton.me Phone: +49 1525 6980906
EU Authorised Representative	EUREP ENV S.L., Paseo de la Castellana n°43, 28046 Madrid, Spain
Customer service	syrax.site Email: syrax.shop@proton.me Phone: +49 1525 6980906

For questions about product safety, warranty claims, or to report a possible safety issue, please contact Syrax directly using the contact details above.

17 Document Information and Record-Keeping

Item	Details
Document version	0.3
Date	14 September 2026
Language	English (translated reference version; German is the binding version for the German market, Article 9(7) GPSR)
Format	Digital via QR code on the packaging (syrax.site/support); a printed version is available free of charge from Syrax on request (Article 9(8) GPSR)
Retention of technical documentation	At least 10 years from the placing on the market of the last unit of the product (Article 9(3) GPSR)
Online availability of the digital manual	At least 10 years (Article 15 GPSR)
Retention of component/software information	At least 6 years (Article 15 GPSR)

This manual is reviewed and updated by Syrax as needed in response to new findings, manufacturer confirmations, firmware changes, or regulatory updates. The current version is always available at syrax.site/support.