

SISU

SAUNA CONTROLLER

Your sauna. Beautifully simple.

The illustrated guide to the Android app
and web app.

SET UP

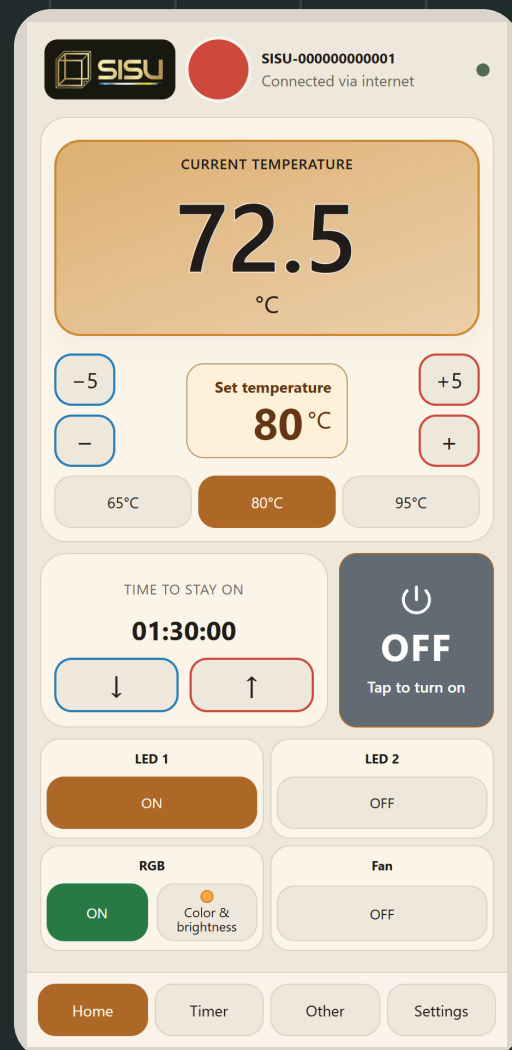
Connect once.
Feel at home.

Heat, light, schedules and access.
Clear steps for every day.

OWNER & USER HANDBOOK

ENGLISH / 30 OCTOBER 2026

sauna.in.th



START HERE

A guide for every day.

Choose a chapter, or follow the setup pages in order.

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Screens show the actual shared Android/web interface with illustrative data. Equipment, limits and available actions depend on your controller and your role.

BEFORE YOU BEGIN

Make every start a safe start.

This is an operating guide, not an electrical installation manual.

1**Inspect the sauna first**

Keep the heater clear of towels, clothing and other objects. Follow the heater manufacturer's instructions before any immediate or scheduled start.

2**Use a commissioned installation**

A qualified installer must confirm the heater, switching equipment and independent safety cut-out. An app connection does not prove that the installation is safe.

3**Confirm what the controller reports**

Wait for a fresh reply after a change. If the app shows UNKNOWN or a connection error, check the physical panel before repeating a command.

4**Stop safely when something is wrong**

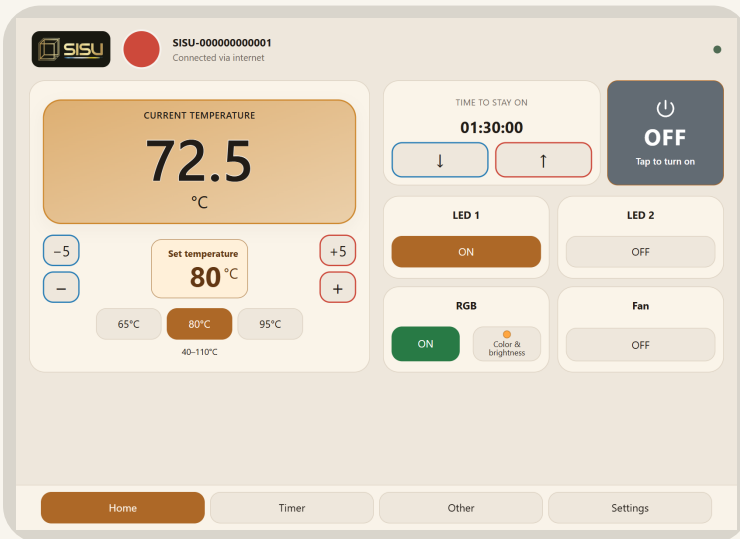
If a stop cannot be confirmed, go to the panel. Use the installation's designated electrical isolation procedure in an emergency; contact your installer.

Before leaving, check the session, one-time start and weekly schedule separately. Review the Timer tab whenever you want to prevent a future automatic start.

01 / GET CONNECTED

Choose how to connect.

Two ways to use SISU. One familiar control surface.



1 Account mode

Use the same email and account PIN in a browser or Android APK. Both your device and the panel need internet.

2 Android local pairing

The original paired phone can control on the same local network without internet. With internet on the panel, it can also use remote access.

3 Pick the right sauna

If your account has several saunas, choose one in Settings > Connection & pairing before making changes.

Web app: sisusauna.app/controller/ | Android download: sauna.in.th/download/app/

02 / GET CONNECTED

Install and open.

Use the official app or open SISU in your browser.

Language / ภาษา

English ไทย

Sign in to your sauna

Use the same account in the web app and Android APK. Devices stay signed in for 90 days, renewed when you return.

Email

Account PIN

Sign in

Enter your email address.

Sign in

Join with invitation

First admin registration

Use a private device. Sign out on shared devices. Clearing cookies requires sign-in again; it does not require pairing again.

1 Android APK

Open sauna.in.th/download/app/ on Android and download SISU. Follow Android's installation approval. Allow this download source only if prompted and you trust the official site.

2 Web app

Open <https://sisusauna.app/controller/> on your phone, tablet or computer. You can use the browser's Add to Home Screen or install option where available.

3 Choose your next step

Sign in if registered. Use Join with invitation for an invitation, or register the first admin at the panel.

The current APK requires Android 7.0 or newer. Keep the existing app installed when updating to preserve its settings and local pairing.

03 / GET CONNECTED

Register the first admin.

Do this once, beside your physical sauna panel.

The screenshot shows the SISU mobile app interface for registering the first admin. At the top is the SISU logo. Below it, a language selection bar shows 'English' and 'עברית' (Hebrew). The main heading is 'Register sauna admin'. Below this is a paragraph: 'Register the first admin using the QR on the physical panel. Enter your email and choose an account PIN twice.' There are three input fields: 'Email', 'Account PIN', and 'Enter PIN again'. Below these fields is a note: 'Choose 8–12 digits. Avoid simple sequences or repeated digits. This is separate from the panel's control-lock PIN.' There are four buttons: 'Register admin', 'Enter your email address.' (highlighted with a yellow background), 'Sign in', and 'Join with invitation'. At the bottom, there is a button for 'First admin registration' and a paragraph: 'On the panel, open Register and scan the QR with your phone camera. No app download is needed. Use a private device. Sign out on shared devices. Clearing cookies requires sign-in again; it does not require pairing again.'

1 Open registration on the panel

In Settings > Phone pairing, choose Register web app. Scan its QR with your phone camera.

2 Create your account

Enter your email and choose an 8-12 digit account PIN. Enter it again, then tap Register admin. Avoid repeated digits and simple sequences.

3 Wait for confirmation

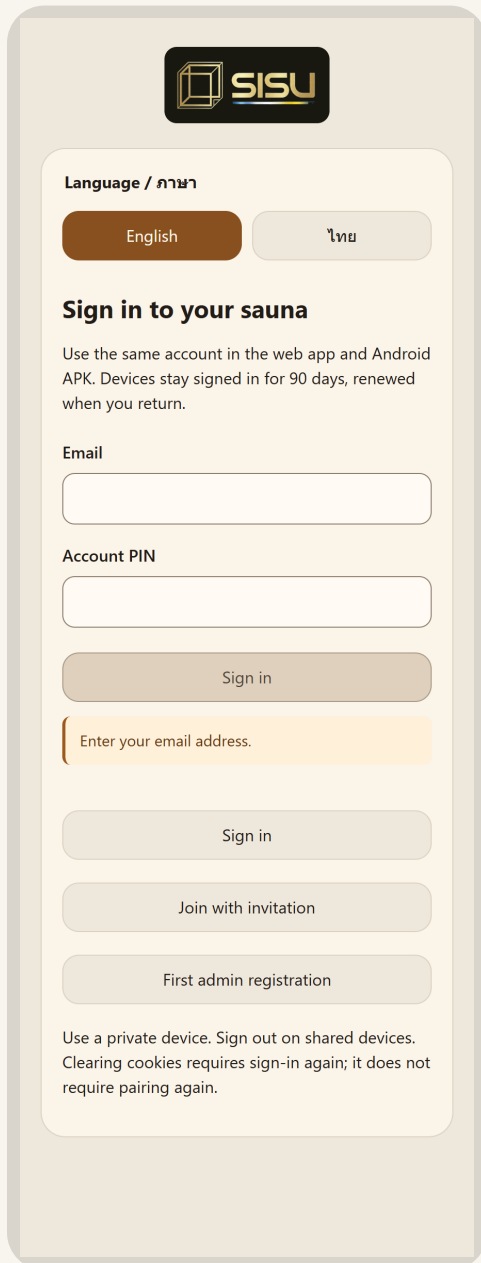
Keep the panel online and the registration page open while it saves. The account then opens the controls.

The private panel QR is single-use and lasts three minutes. Do not share it. Registration requires compatible controller firmware (0.23.0 or newer).

04 / GET CONNECTED

Sign in or join a sauna.

Your account works across the web app and Android APK.



The screenshot shows the SISU login interface. At the top is the SISU logo. Below it, a language selector shows 'English' and 'עברית'. The main heading is 'Sign in to your sauna', followed by a note: 'Use the same account in the web app and Android APK. Devices stay signed in for 90 days, renewed when you return.' There are input fields for 'Email' and 'Account PIN', each with a 'Sign in' button. A yellow error message 'Enter your email address.' is shown below the email field. At the bottom, there are buttons for 'Sign in', 'Join with invitation', and 'First admin registration'. A footer note states: 'Use a private device. Sign out on shared devices. Clearing cookies requires sign-in again; it does not require pairing again.'

1 Sign in on another device

Enter the same email and 8-12 digit account PIN, then tap Sign in. You do not need daily panel pairing.

2 Join by invitation

Scan your admin's private invitation QR or open its link. Enter email and PIN twice; use your existing PIN if you already have a SISU account. Tap Accept invitation.

3 Protect your account

Use your own account on a private device. Five failed PIN attempts lock that email for 30 minutes.

Signed-in devices are remembered for 90 days, renewed on return. Clearing cookies requires sign-in again. Email identifies the account; registration does not send an email.

05 / ANDROID LOCAL ACCESS

Pair Android locally.

Use this route for the original phone's direct local-network connection.

01**SAME WI-FI**

Connect the phone and panel to the same local network. Open the APK and select Use panel-paired local connection.

02**SCAN**

On the panel open Settings > Pair phone. In the APK open Settings > Connection & pairing > Scan pairing QR. Allow camera access when prompted.

03**COMPARE & APPROVE**

Check that the displayed pairing codes match, then approve on the physical panel. Wait for Home to show a fresh controller reply.

04**KEEP OR CHANGE**

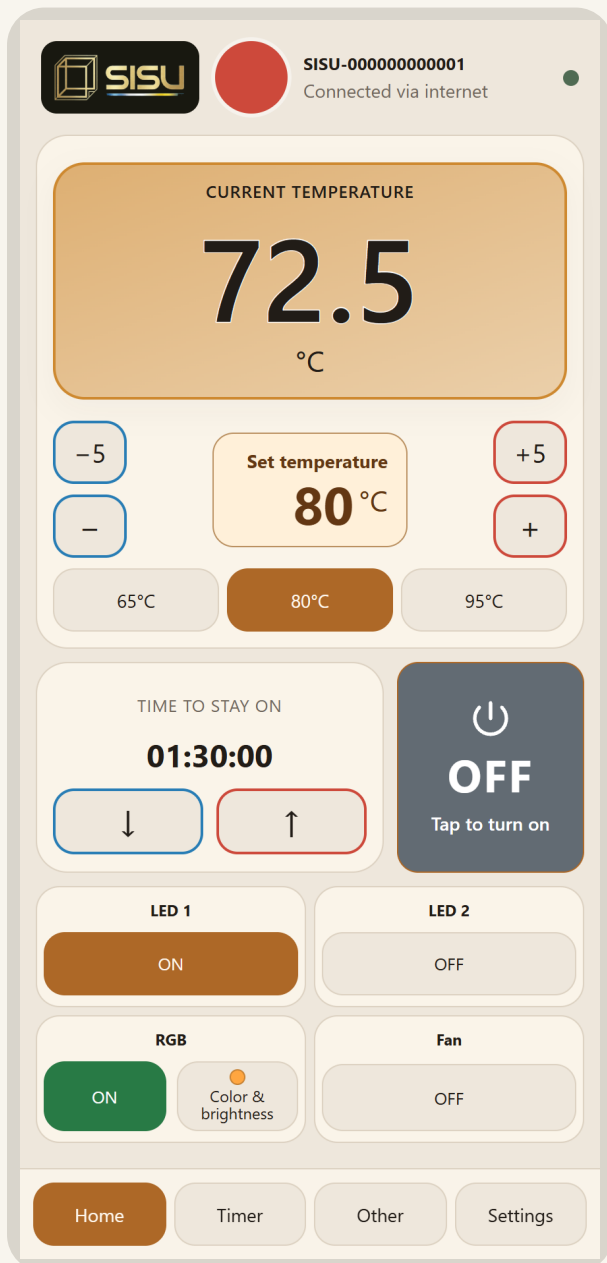
Paste a pairing link instead is available if scanning is inconvenient. Forget on this phone removes its saved pairing; Unpair / change sauna also asks the panel to revoke that transport.

Additional APK users should sign in with accounts. Local pairing and account access are separate. Registering a web account preserves the original Android pairing.

06 / YOUR SAUNA

Read the Home screen.

Measured temperature and your chosen target are different values.



1 Current temperature

The largest number is the sensor reading. A missing reading is not a safe temperature confirmation.

2 Set temperature

The smaller target card shows the requested temperature. Presets and +/- controls change this target.

3 Time and power

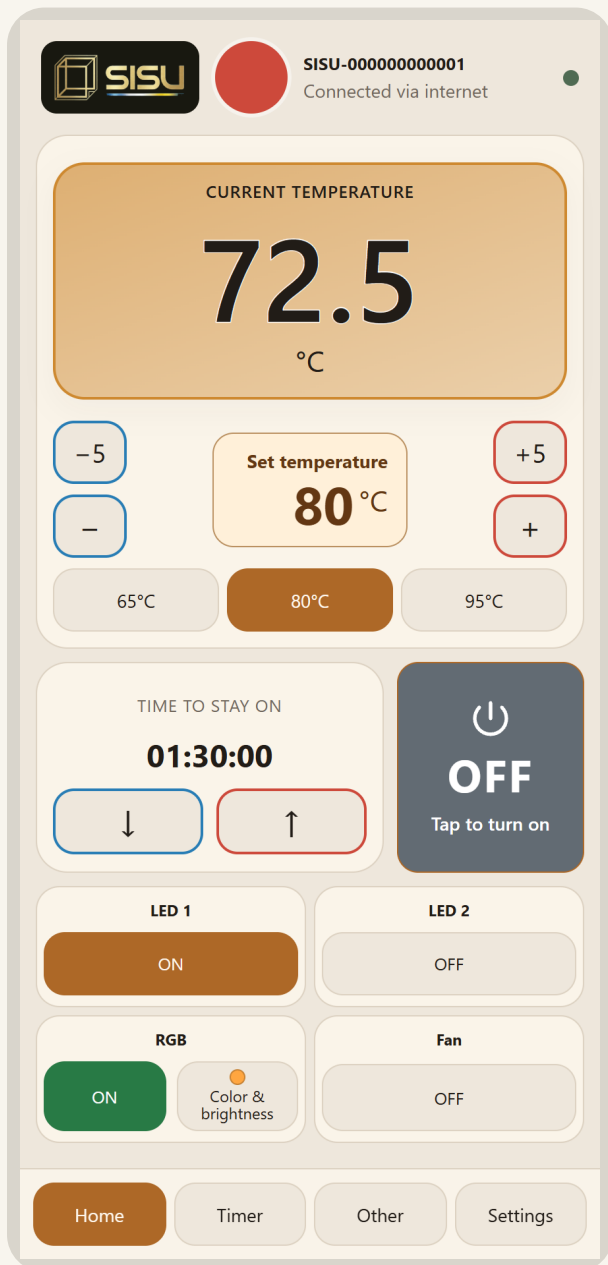
Time to stay on is the session duration. OFF means tap to start; ON means tap to stop. UNKNOWN means reconnect to check.

The header identifies your sauna and connection. The four tabs are Home, Timer, Other and Settings.

07 / YOUR SAUNA

Set temperature and time.

Choose both before you start a new session.



1 Choose a temperature

Tap one of the three presets, +/- for small changes, or -5 / +5 for larger changes. Presets and limits come from the panel.

2 Choose the duration

Use the arrows under Time to stay on. Changes use 15-minute steps within the panel's permitted range.

3 Let the value save

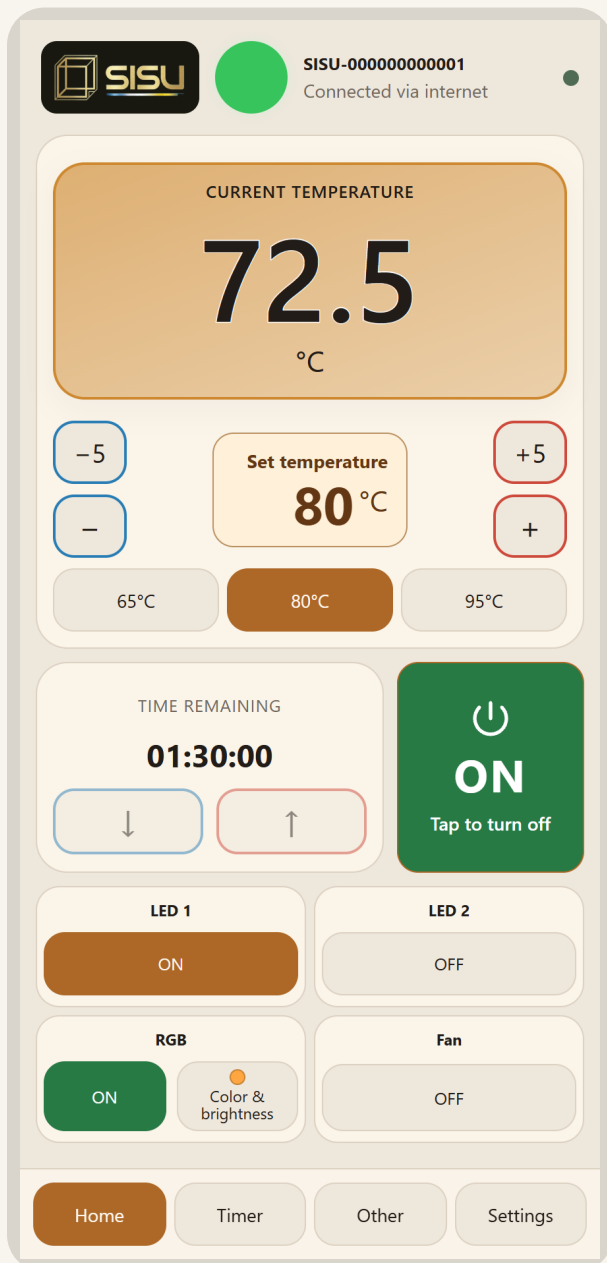
Wait for Saving time or Sending to finish. Durations above six hours may need confirmation. Stop the session before changing its duration.

Temperature units change the display, not the underlying controller limit. A duration includes warm-up; it is not a promise of time at the target temperature.

08 / YOUR SAUNA

Start and stop a session.

Inspect the sauna and check that no start-blocking message is shown.



1 Start

Tap the large OFF power button. Wait for the controller reply and the ON state. The timer changes to Time remaining.

2 Monitor

The measured temperature changes as the room warms. ON indicates an active session; heater output may cycle to regulate temperature.

3 Stop

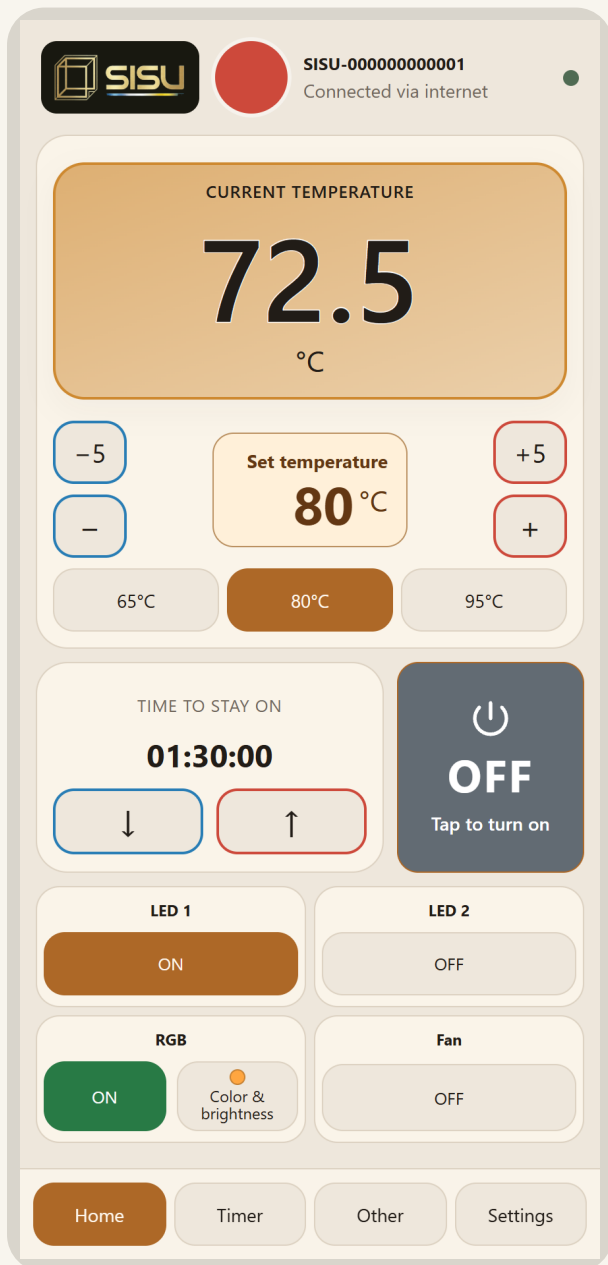
Tap ON to turn the session off. Wait for OFF. Review Timer separately if a future one-time or weekly start must also be disabled.

Never assume a lost connection means the sauna stopped. A timed session is managed on the panel and can continue after you close the app.

09 / YOUR SAUNA

Control lights and fan.

Home shows the equipment enabled for your installation.



1 LED 1 and LED 2

Tap each output's ON/OFF switch to change that lighting zone.

2 Fan

Use the Fan switch for the configured ventilation output. Confirm the new state after the command completes.

3 RGB power

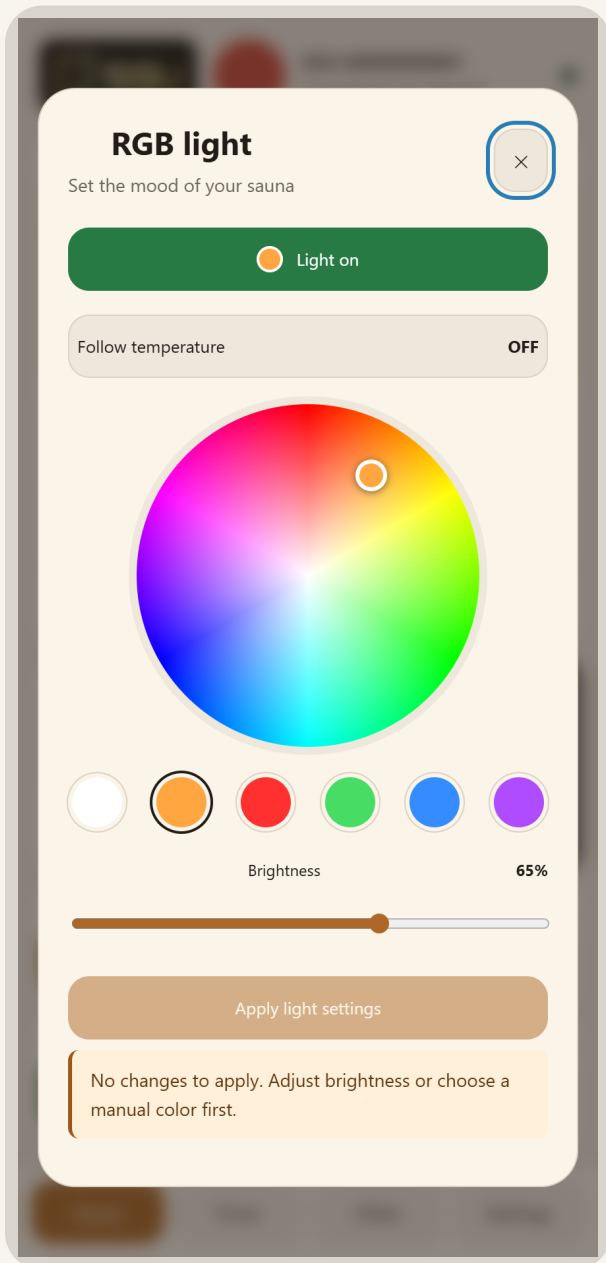
Use RGB ON/OFF for the coloured light. Open Color & brightness for its separate light settings.

Missing equipment controls can be intentional. Equipment is configured on the physical panel under Admin; ask the installer before changing it.

10 / YOUR SAUNA

Choose RGB colour.

Home > RGB > Color & brightness



1 Choose manual colour

With Follow temperature off, tap or drag the colour wheel or choose a preset swatch.

2 Set brightness

Move the brightness slider, then tap Apply light settings. Wait for the controller to confirm.

3 Follow temperature

Turn this on to let the colour track the controller's temperature. Manual colour selection is unavailable in this mode; brightness remains adjustable.

Colour and brightness settings are separate from RGB power. Close the dialog with X when finished.

11 / YOUR SAUNA

Set a one-time start.

Timer > Scheduled start

The screenshot shows the SISU app interface. At the top, there's a header with the SISU logo, a red circular status indicator, and the text 'SISU-000000000001 Connected via internet'. Below this is a section titled 'Timers and weekly schedule' with explanatory text about the panel clock and scheduled sessions. A 'Home' button is at the bottom of this section. The main section is 'Scheduled start', which indicates 'No scheduled start reported.' It has a 'Start timer' subsection with a 'Start mode' dropdown set to 'Start at a time'. Below that is a 'Next start time' section with two dropdowns showing '18' and '00'. A note states: 'A time earlier than now starts tomorrow. Enabling this timer turns off the weekly schedule.' At the bottom of this section is a button labeled 'Skip to controls'.

1 Prepare Home

Set the desired target and duration, then stop any running session before editing schedules.

2 Choose the start mode

Select Start after a delay (1-24 hours), or Start at a time. A clock time earlier than now means tomorrow.

3 Save or cancel

Tap Save start timer and wait for Schedule saved on the controller. Use Cancel scheduled start to remove an armed timer.

Times use the panel clock in Bangkok (UTC+7). Enabling a one-time timer turns off the weekly schedule. The panel must have a synchronized clock.

12 / YOUR SAUNA

Plan your week.

Timer > Weekly schedule

Weekly schedule

Weekly schedule is off.

OFF at or before ON means the following day.
Enabling weekly times cancels the one-time timer.

If the current time is inside a selected ON/OFF window, saving can start heating immediately.

Days and ON/OFF times

☒ Monday	ON 18 : 00	OFF 19 : 30
☐ Tuesday	ON 18 : 00	OFF 19 : 30
☒ Wednesday	ON 18 : 00	OFF 19 : 30
☐ Thursday	ON 18 : 00	OFF 19 : 30
☒ Friday	ON 18 : 00	OFF 19 : 30
☐ Saturday	ON 18 : 00	OFF 19 : 30
☐ Sunday	ON 18 : 00	OFF 19 : 30

Save weekly schedule

1 Choose the days

Tick each day that should have a heating window. Set its ON and OFF times.

2 Check each window

OFF at or before ON means the following day. For example, Monday 22:00 to 01:00 ends on Tuesday. Windows must fit panel limits and not conflict.

3 Save the plan

Tap Save weekly schedule. Saving inside an active window can start heating immediately. Use Turn off weekly schedule when it is no longer needed.

Weekly mode cancels the one-time timer. Saved plans run on the panel with the app closed. Review Home settings and the room before enabling automatic heating.

13 / SETTINGS & SUPPORT

Review session history.

Other > Session history

Last 25 sessions

29 Oct 2026 21:34:46

ended · 90 min

Full-power estimate

13.50 kWh

THB 54.00

Target: 80°C

Maximum measured: 82°C

28 Oct 2026 21:34:46

ended · 90 min

Full-power estimate

13.50 kWh

THB 54.00

Target: 80°C

Maximum measured: 82°C

27 Oct 2026 21:34:46

ended · 90 min

Full-power estimate

13.50 kWh

THB 54.00

Target: 80°C

Maximum measured: 82°C

1 Review recent sessions

See start time, duration and status: active, ended or interrupted. Active records show the time recorded so far.

2 Check temperature detail

Each record shows target temperature, any target range changes and the maximum measured temperature when available.

3 Understand totals

Week, month and year totals use available history. The panel retains only the latest 25 sessions, so older use can be missing.

Dates use Bangkok time and weeks start Monday. Undated sessions are excluded from dated totals. Sessions crossing a period boundary are split.

14 / SETTINGS & SUPPORT

Set energy estimates.

Other > Session history > Edit estimate settings

The screenshot shows the SISU app interface. At the top, there's a header with the SISU logo, a red circular indicator, and the text 'SISU-000000000001 Connected via internet'. Below this is a navigation bar with a '< Back' button and the title 'Session history'. The main content area is titled 'Energy use (kWh)' and includes a formula: 'Full-power estimate: heater kW × session hours.' followed by an example: '9 kW heater · THB 4 / kWh'. There's a 'Hide estimate settings' button. Below are three input fields: 'Heater rating (kW)' with the value '9', 'Electricity price per kWh (optional)' with the value '4', and 'Currency code' with the value 'THB'. A 'Save estimate settings' button is at the bottom of the form. A link '► How estimates work' is also present. At the very bottom, there's a section titled 'Usage totals'.

1 Enter heater rating

Use the heater's correct rated kW from its documentation or ask your installer. Only an authorized admin can save energy settings.

2 Enter electricity price

Add your price per kWh and three-letter currency, such as THB. Leave the price blank if you only want kWh.

3 Save and review

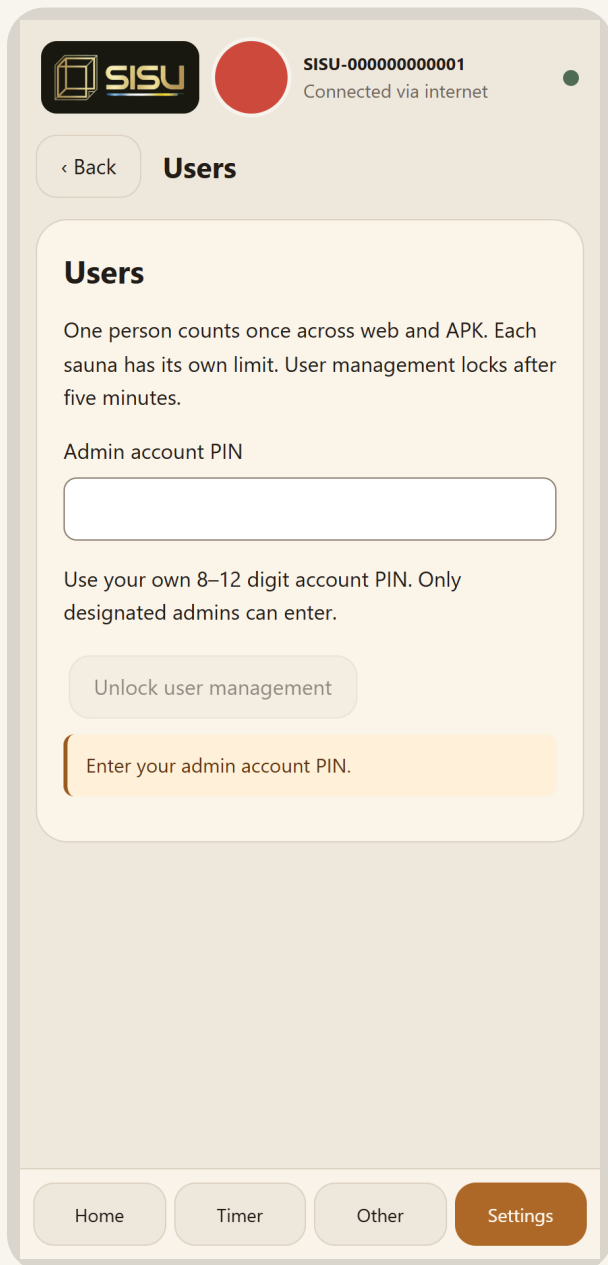
Tap Save estimate settings and wait for confirmation. Changing the rating or price recalculates all displayed estimates.

Estimate = heater kW x session hours. A 9 kW heater for 1.5 hours estimates 13.5 kWh; at THB 4/kWh, THB 54. This assumes full power, excludes lights/fans and is not a meter reading.

15 / SETTINGS & SUPPORT

Invite people.

Settings > Users / account admins only



1 Unlock management

Enter your own 8-12 digit Admin account PIN, then tap Unlock user management. This unlock lasts five minutes.

2 Create an invitation

Tap Add user / show invitation QR. Show the private QR or copy its link for the intended recipient.

3 Have the person join

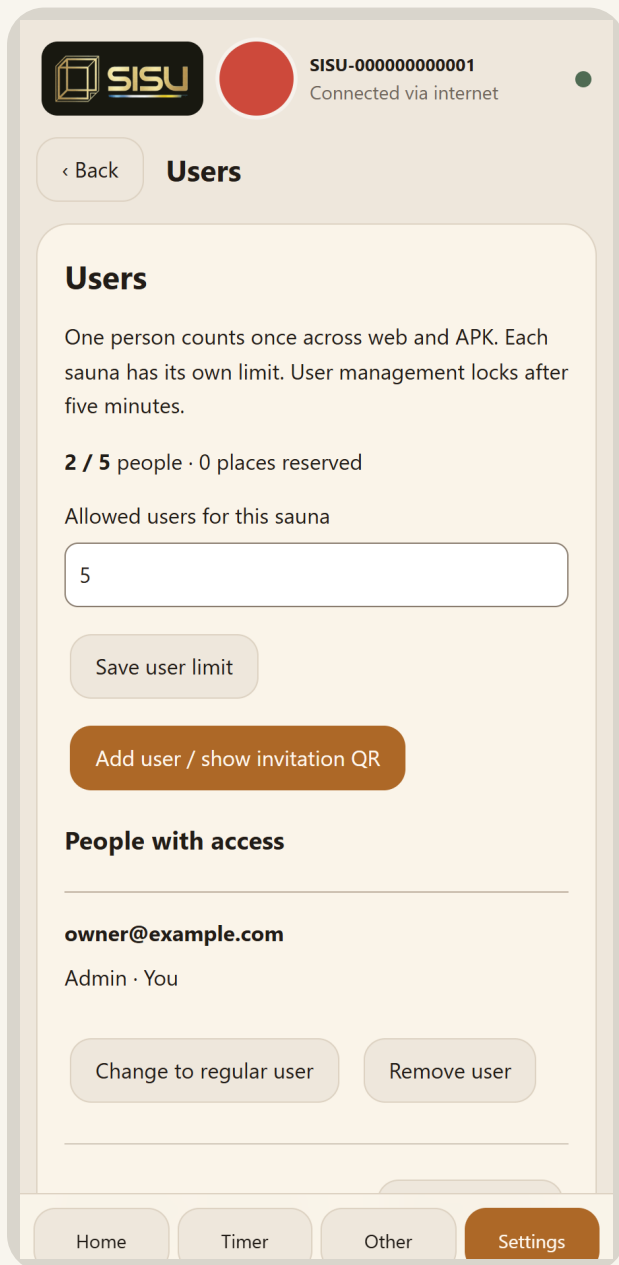
They scan or open the invitation and complete Join your sauna. One invitation is single-use and reserves one place for 15 minutes.

The default limit is five people, including admins. Each person counts once across web and APK. Cancel unused invitations in Pending invitations to release reserved places.

16 / SETTINGS & SUPPORT

Manage access and devices.

Settings > Users / unlocked admin view



1 Set the people limit

Allowed users for this sauna supports 1-50. Save user limit. It cannot be below existing people plus reserved invitations.

2 Manage people and roles

Remove user revokes that person's sauna access. Make admin or Change to regular user needs your account PIN again. The last admin cannot be removed or demoted.

3 Revoke devices

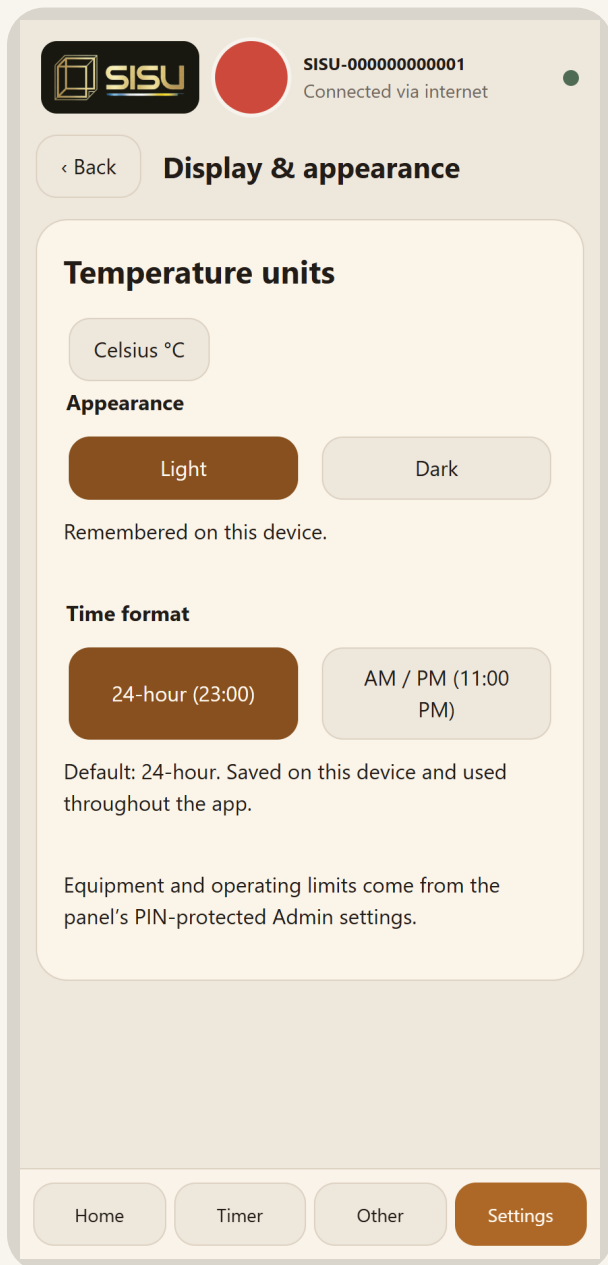
Revoke device signs out one session; Revoke all devices signs out that person's sessions. A person who remains a member can sign in again.

Revoke original Android pairing removes its local and internet access separately. Account members keep access. Revocation cannot undo an action the panel already executed.

17 / SETTINGS & SUPPORT

Personalise your display.

Settings > Display & appearance



1 Temperature units

Choose Celsius or Fahrenheit for this device's temperature display.

2 Light or Dark

Choose the appearance that is comfortable in your surroundings. The choice is remembered on this browser or APK installation.

3 Clock format

Choose 24-hour or AM / PM. This affects start timers, weekly time inputs, history and invitation expiry display.

Changing the clock format does not change saved schedule times, countdowns or the panel timezone. App preferences are separate from the physical panel.

18 / SETTINGS & SUPPORT

Name, language and PIN lock.

Three useful settings to make SISU your own.

SISU-000000000001
Connected via internet

< Back **Sauna name & address**

These details are saved on the panel and included in reports to SISU.

Sauna name
Garden sauna

Installation address
Example installation

Save sauna details

No changes to save. Edit the sauna name or address first.

Home Timer Other Settings

1 Sauna name & address

An authorized admin can edit the installation name and address, then Save sauna details. These are stored on the panel and included in support reports.

2 Language

In Settings > Language, choose English or Thai. The choice is saved on this device. Change the panel language separately.

3 User PIN & lock

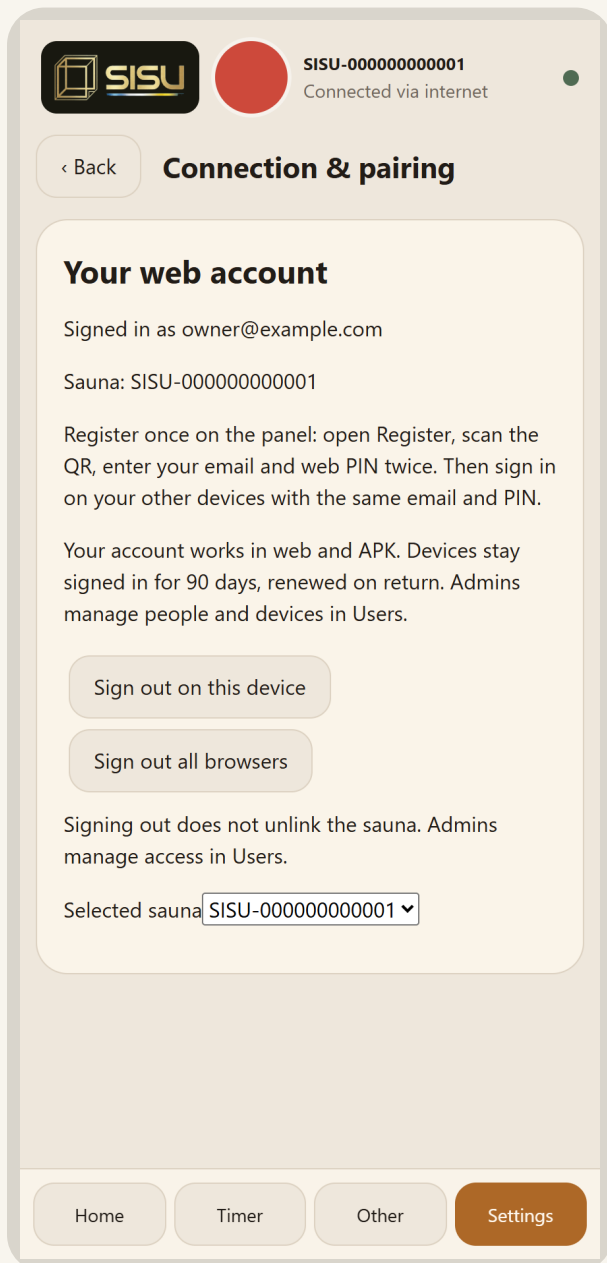
Set or change the four-digit user PIN on the panel. Tap Lock controls now in the app. Enter that same four-digit PIN to unlock controls.

The four-digit control PIN differs from your 8-12 digit account PIN and the panel Admin PIN. The panel locks when its screensaver starts after three minutes or after restart.

19 / SETTINGS & SUPPORT

Connection and sign-out.

Settings > Connection & pairing



1 Check identity

Confirm the signed-in email and exact sauna ID. Use Selected sauna when your account has access to more than one.

2 Sign out

Sign out on this device removes this session. Sign out all browsers removes the account's browser sessions. The account remains linked to the sauna.

3 Switch Android mode

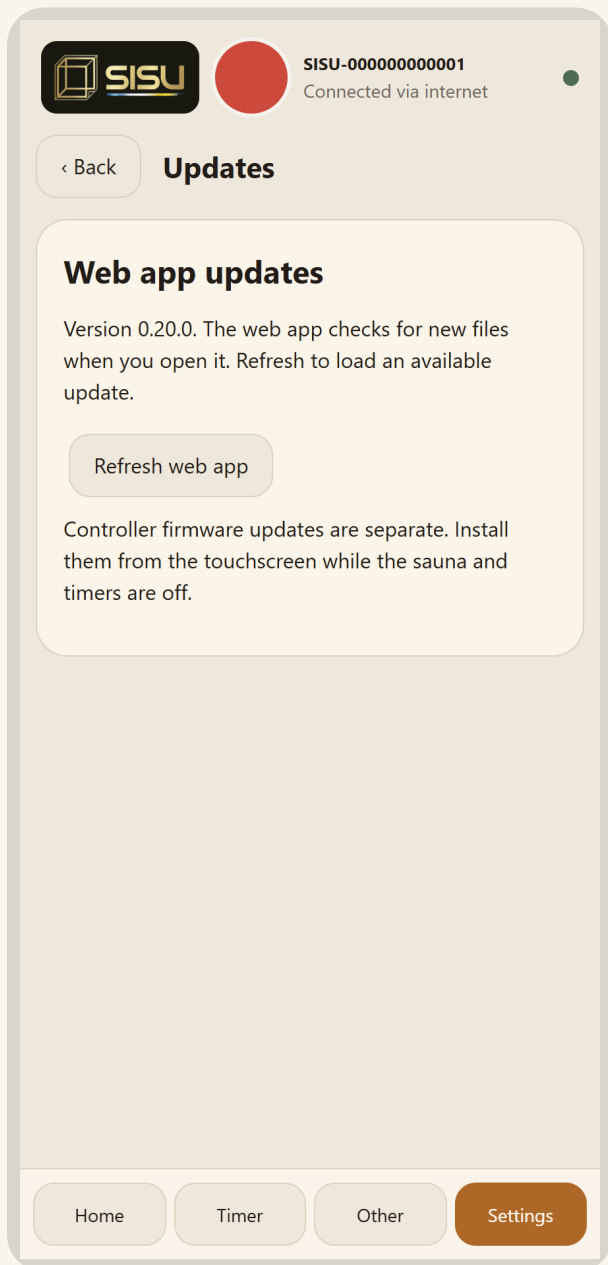
The original paired APK can select Use panel-paired local connection. Sign in with an account to manage users or use invited access.

For a lost device, ask an admin to revoke its session. To prevent a member signing back in, remove their membership as well.

20 / SETTINGS & SUPPORT

Keep everything updated.

Phone app, web app and controller are separate updates.



1 Android APK

Settings > Updates > Check for updates. If offered, choose Download update and approve installation in Android. Install over the existing app.

2 Web app

Settings > Updates > Refresh web app reloads the available web version. It does not install controller firmware.

3 Controller firmware

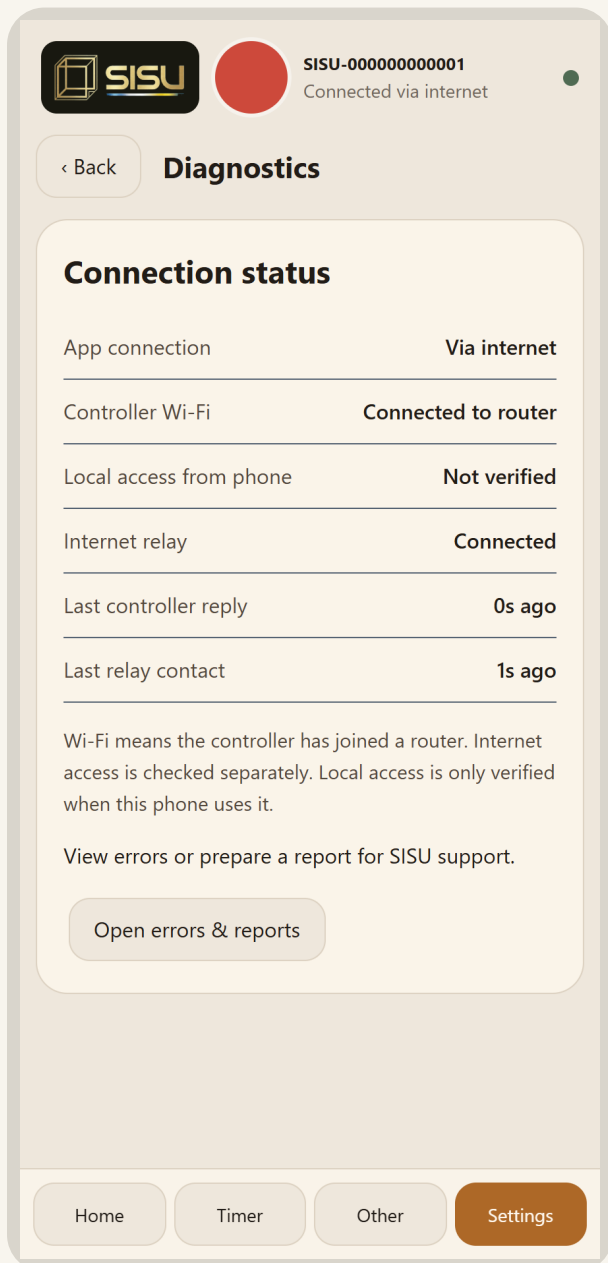
Use the physical touchscreen's update page. Stop the session and disable both one-time and weekly timers; confirm they have saved before installing. Keep power stable.

An automatic firmware check never authorizes installation. Installation needs an explicit local action. Do not start sessions or issue commands during installation; reconnect afterwards.

21 / SETTINGS & SUPPORT

Diagnose a connection.

Settings > Diagnostics



1 Read each status separately

Controller Wi-Fi means it joined a router. Internet relay is a separate check. App connection shows the path used by this device.

2 Check reply age

A stale or unknown reading cannot confirm current Wi-Fi, output or relay status. Wait for a fresh controller reply.

3 Restore the right path

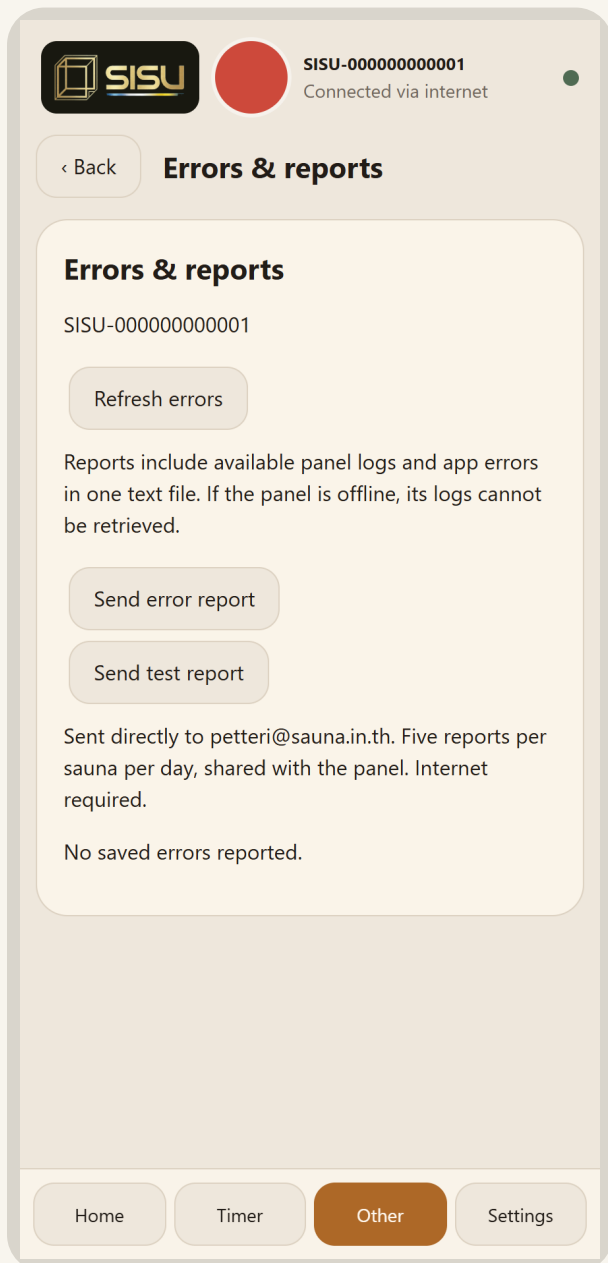
For browser/account mode check internet on both ends. For paired local Android, check the same network and avoid isolated guest Wi-Fi.

Local access from phone says Not verified when the current connection has not tested it. That does not by itself mean local access is broken.

22 / SETTINGS & SUPPORT

Errors and support reports.

Other > Errors & reports



1 Refresh errors

Tap Refresh errors to retrieve available panel errors. Read the code, explanation and recovery advice.

2 Send an error report

When support needs it, tap Send error report. Available panel logs and current app errors are sent directly to SISU support.

3 Use test reports carefully

Send test report is a real support submission with synthetic test information. Use it only when you intend to send a test.

Internet is required. Reports go to petteri@sauna.in.th, with a shared limit of five per sauna per day. Offline panel logs cannot be retrieved. No report was sent to make this guide.

23 / ADVANCED & RECOVERY

Admin, recovery and simulator.

Use the physical panel for installation and ownership changes.

01 Panel Admin settings

Settings > Admin on the touchscreen controls equipment, temperature presets and operating limits. The app's Admin page directs you there. Ask your installer before changing installation settings.

02 Forgotten account PIN or new owner

Use the panel's PIN-protected Admin > Revoke phone and web access, then register again. This revokes Android pairing and all member access. If the account also controls other saunas, its existing account PIN is required.

03 Reset is a separate, destructive action

Reset control panel removes saved configuration, Wi-Fi, identity, PINs, pairing and history. It keeps installed firmware. Use only for an intended reset or handover, with the sauna, timers and outputs off.

04 Explore without a connected sauna

Settings > Development > Open isolated simulator opens a separate demo. Its schedules, safety inputs and controls are simulations, not live controller actions. Use Back to local controller to return.

A factory-reset panel starts with language selection, then Wi-Fi setup. Hardware discovery and configuration must complete before heating can be available.

24 / QUICK REFERENCE

When something needs attention.

Use the explanation beside the control as your first clue.

A setting or Save is unavailable

Read its inline reason: reconnect, unlock, wait for a request, change a value, stop a session, or update controller firmware.

Controller busy / request interrupted

Wait for a fresh state. Check whether the action already took effect before retrying. Commands are not automatically replayed.

Temperature is missing / start blocked

Check the panel's error and hardware status. Do not bypass a sensor or relay readiness fault. Contact the installer.

Timer will not save

Stop the session, wait for clock sync, choose valid days/times within duration limits, and check firmware compatibility.

Invitation fails / user limit reached

Check expiry and single-use status. Cancel unused invitations or adjust the allowed limit. Existing accounts must use their current PIN.

Wrong PIN / locked out

Account PIN: 8-12 digits. Control PIN: four digits. After five failed account attempts, wait 30 minutes; ask the owner for recovery if needed.

Update did not enable a feature

Check which component needs updating. A new APK cannot add a capability missing from controller firmware.

Support: petteri@sauna.in.th | Downloads: sauna.in.th/download/app/ | Web: sisusauna.app/controller/

SISU / EVERYDAY CHECKLIST

A calmer routine.

A few clear checks before and after every session.

01

Before

Inspect the room and heater. Confirm the selected sauna. Set temperature and duration.

02

Start

Tap OFF. Wait for ON and a fresh reply. Give the room time to warm up.

03

Finish

Tap ON to stop. Confirm OFF. Review future timers and weekly plans before leaving.

Designed around your sauna.

English edition / 30 October 2026

Based on Android & web app 0.20.0 and controller firmware 0.27.0.

Screens use example data. Your equipment and available functions may differ.