



SPAPiLOT

»» ENERGY TRACKER

»» COST CONTROL

»» PLANNER

Installation Manual

A product from

ZAVEPOWER
INNOVATIVE TECHNOLOGY

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Introduction

Welcome to Spapilot

Congratulations on your purchase of Spapilot – the smart spa controller designed to make your spa experience simpler, more energy-efficient, and fully automated.

Key Features:

- Energy Savings: Reduce your spa heating costs by up to 80%.
- Cost Control: Track and manage your energy consumption effortlessly.
- Wi-Fi Connectivity: Control your spa anytime, anywhere through the app.
- Automation: Enjoy features like smart heating schedules and calendar integration for a seamless spa experience.

Why Choose Spapilot?

At Zavepower Innovative Technology AB, we believe in making life simpler. SpaPilot is more than just a spa controller – it's your partner in creating a sustainable and relaxing spa environment while saving both energy and money.

Safety Instructions

To ensure safe and proper use of your Spapilot, please follow these important safety guidelines:

General Safety Precautions

- **Read Before Use:** Carefully read this manual before installing or using the device.
- **Keep Away from Water:** Avoid placing the device in direct contact with water to prevent electrical hazards.
- **Supervision Required:** Children or individuals unfamiliar with the product should not operate it without supervision.

Electrical Safety

- **Power Supply:** Use only the power adapter provided with the SpaPilot. Using other adapters may cause damage or safety risks.
- **Avoid Overloading:** Ensure the power outlet is not overloaded with other high-power devices.

Installation Safety

- **Proper Placement:** Install the Spapilot in a dry area, away from direct sunlight or extreme temperatures.
- **Follow Instructions:** Always follow the installation steps provided in this manual to avoid improper setup.

Maintenance Safety

- **No Unauthorized Repairs:** Do not attempt to disassemble or repair the SpaPilot yourself. Contact customer support for assistance.

Emergency Situations

- **Power Off Immediately:** If you notice unusual smells, smoke, or sparks, turn off the device immediately and unplug it. Contact customer support for further assistance.
- **First Aid:** In case of electric shock, seek medical attention immediately.

By following these safety instructions, you can ensure a safe and enjoyable experience with your Spapilot

What's in the Box

Before getting started, please ensure that all components are included in your Spapilot package. If anything is missing, contact our support team immediately.

Included Components:

1. **Spapilot Device**

- The main unit for controlling your spa.

Cable with the connector for Gecko or Balboa

- Used to connect and power & communicate the Spapilot device.

Important Note:

Make sure to keep the packaging and all components in case you need to return or exchange the product.



Installation Guide

Follow these simple steps to install and set up your Spapilot. Make sure to read the safety instructions before starting the installation.

Step 1: Prepare for Installation

- Ensure your spa is powered off before starting the installation.
- Make sure what brand and model your spas controlbox is.
- Gather the Spapilot device.
- Tools that are needed to remove panels, the cover of the control box, and any other tools that are required.
- Your Wi-Fi credentials if needed
- Make sure that your router is not blocking new devices.



BP-Series controlbox



IN.YE -series controlbox

Step 2: Connect Spapilot to Your Spa

1. Locate the controlbox, then remove the screws, (*generally 4 screws*) . Then remove the frontcover

Please note: Zavepower has no commercial partnership with Balboa Water Group or Gecko. Any mention of the Balboa BP series or Gecko YE 3 and 5 is solely to clarify technical compatibility.

2. Now you have full view of the Circuitboard and need to locate the port for your specific version. (Balboa, Gecko or other)

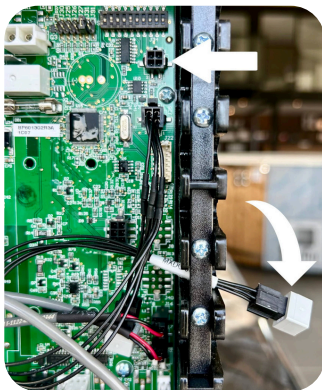


BP-Series controlbox

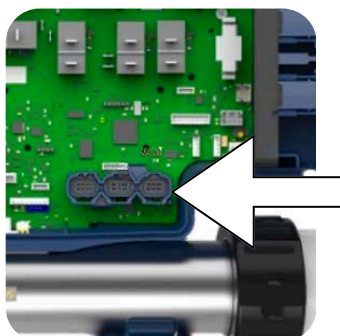
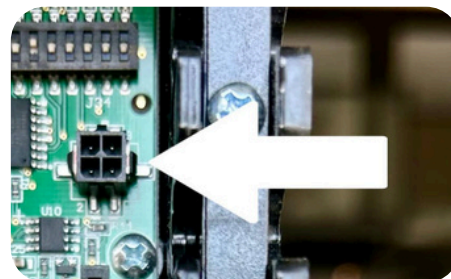


IN.YE -Series controlbox

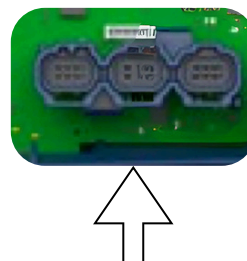
3. Connect the Spapilot cable to the designated ports on your spa system. Depending on your system it will be a different connection.



BP-Series controlbox



IN.YE -Series controlbox



Step 3: Connect to Wi-Fi

Power on the outdoor spa again and let the Spapilot power up.

Open the SpaPilot app on your smartphone or tablet

Download it from the App Store or Google Play if you haven't already).

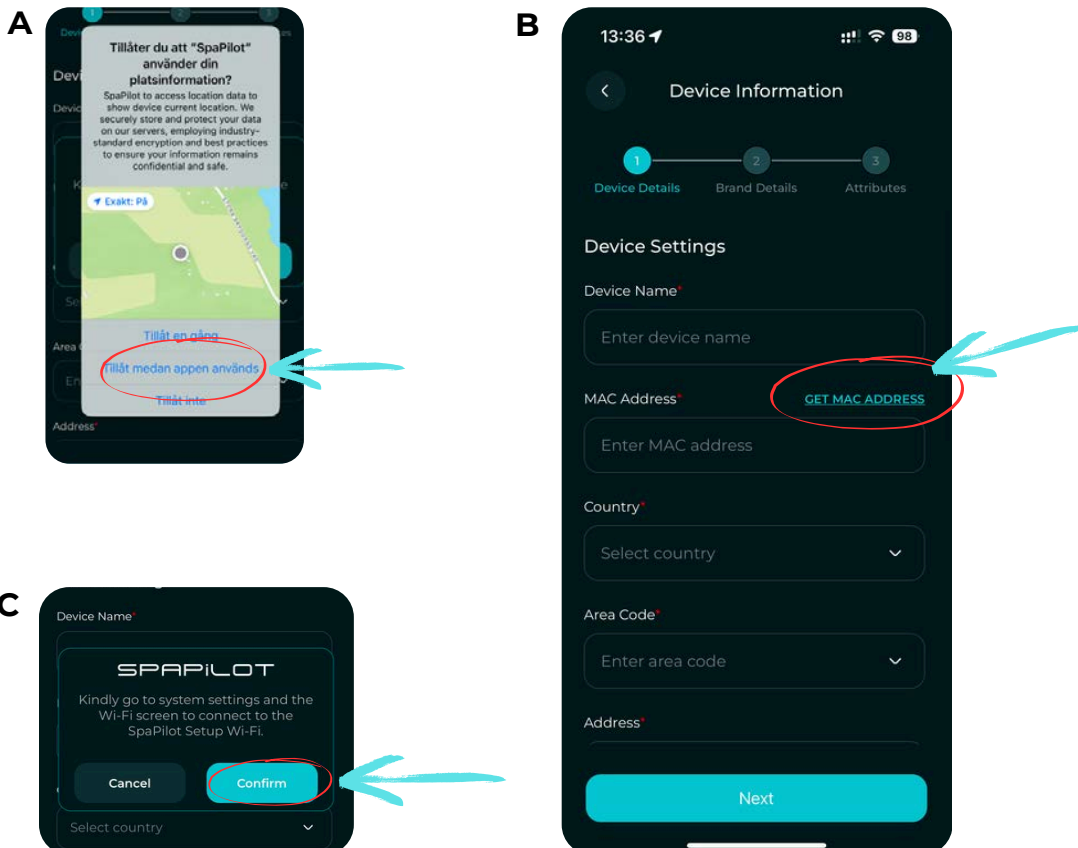


Appstore



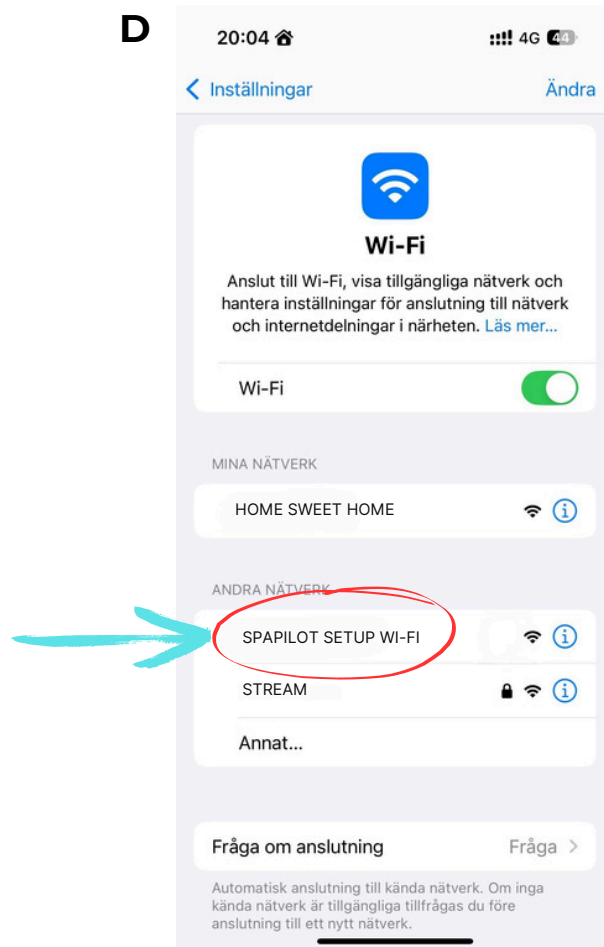
Google Play

1. Create a user account in the app.
2. After this you login and then you "Add new device."
3. Fill out The device name, then when you enter "MAC Adress" you can choose to fill it out from the box or you can click on "GET MAC ADDRESS" and Spapilot will assist you in retrieving the ID from the Spapilot.

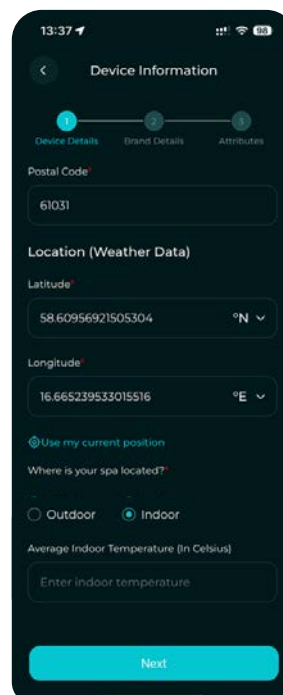


When typing in the MAC:ID manually, always make sure its with capital letters

D



E Go back to Spapilot app to continue



Now, please complete the details regarding the setup of your outdoor spa, including information about the pumps, heater, sanitation system, and any additional components.

If you are uncertain about any specifics, I recommend reaching out to your local reseller or the manufacturer of your outdoor spa for assistance.

(This is needed to calculate your usage and cost)

13:39 97

< Add Brand Detail

1 2 3
Device Details Brand Details Attributes

Brand Name
Swebad

Model
Diamant V2

Water Volume (Ltr)
250456

Jet Pump
No Jet Jet 1 Jet 2 Jet 3 Jet 4

Jet Pump 1 (kW)

Next

Brand

Model

Volume in liter

Number of massage pumps

The power of each
Massage pump in kW

13:39 97

< Add Brand Detail

1 2 3
Device Details Brand Details Attributes

Jet Pump 1 (kW)
1 kW 2 kW

Filter Type
test

Number Of Filter
2

Circulation Pump
☒ Yes ☐ NO

100 watt 1000 watt

Next

What type if filter do the
outdoor spa use?

How many filter does the
outdoor spa have?

Does the outdoor spa use
separate circulation pump
and the power of the pump

15:49

< Add Attributes

1 2 3

Device Details Brand Details Attributes

Attributes

Air Pump (watt)

☐ Yes ☒ NO

Cleaning System (Ozone, UV, Bromine)

UV

Heater (KW)

2KW 3KW 3.8KW 4KW 6KW

Clime8Zone (kW) -This feature is coming soon

☒ Yes ☐ No

If your Outdoor spa has a Airpump and the power.

What type of cleaning system you have

Select the kW of your heater

(Future function)

Balboa Micro Silk

☐ Yes ☒ No

Year of Installation

2022

Filtration Cycle

Slot 1

Start Time End Time

00:00 04:00

Slot 2

Start Time End Time

12:00 16:00

Submit

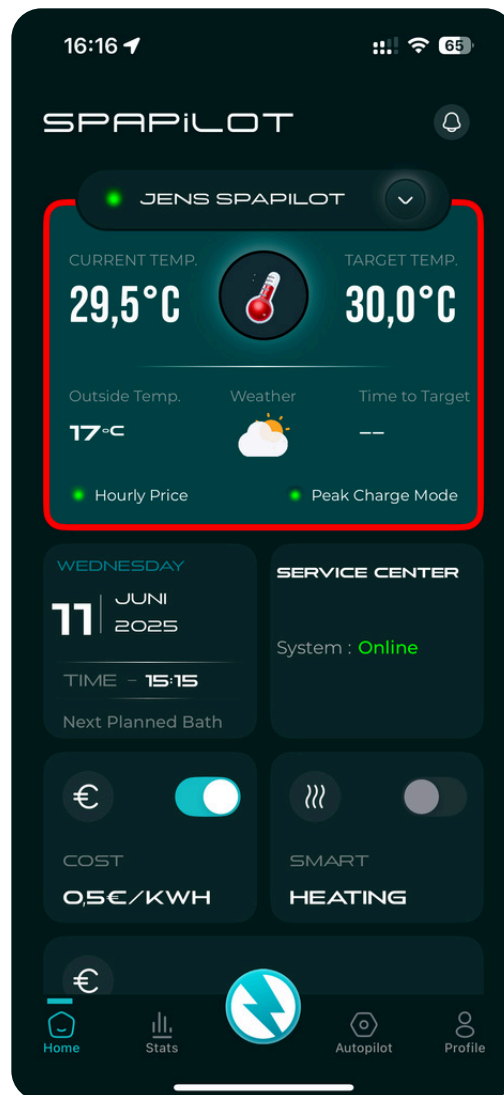
If your spa has Microsilk or not

What year was the Outdoor spa installed

Here you set up your filtration cycles.
We recommend using preset value.

Then "Submit" to register your outdoor spa

The setup is complete, and your home screen should appear like this.



Continue reading the user guide to familiarize yourself with your Spapilot app.

Updates

Your Spapilot receives updates in two ways:

1. App Updates (via App Store or Google Play)

- The Spapilot mobile app is updated through the App Store (iOS) or Google Play (Android).
- Make sure to keep your app updated to access the latest features, improvements, and security updates.
- Enable automatic updates on your device for the best experience.

2. Device Firmware Updates (Over-the-Air)

- The SpaPilot hardware receives firmware updates “over the air” (OTA) when connected to Wi-Fi.
- These updates are installed automatically in the background.
- Do not disconnect the device from power or Wi-Fi during an update.

Tip:

Regular updates ensure your SpaPilot system remains secure, reliable, and up-to-date with the latest features.

If you have any issues during the update process, please refer to the troubleshooting section or contact our support team.

Technical Specifications

Model: SpaPilot (Gen 1)

Dimensions:

Weight:

Power Supply: 12 V

Connectivity: Wi-Fi 2.4 GHz

Operating Temperature: 0°C to 40°C

Storage Temperature: -20°C to 60°C

Compatible Spa Systems: Balboa BP series & Gecko YE-3 & YE-5 (coming soon)

App Compatibility: iOS & Android

Languages: English, Swedish, French, German (more languages coming in future updates)

Certifications: CE

Warranty: 24 months (up to 5 years for authorized resellers)

Environmental: This product is recyclable – please dispose of it at your local electronics recycling facility

Support: support@zavepower.com | www.zavepower.com

Warranty and Support

Warranty Terms

SpaPilot comes with a standard 24-month warranty. If you purchased the product through an authorized reseller, a 5-year warranty applies. The warranty covers manufacturing defects and operational issues under normal use. To make a warranty claim, please contact our support team with your proof of purchase and the product's serial number.

Software Warranty

The SpaPilot software (including the mobile app and device firmware) is provided "as is" and is covered by a limited warranty. Zavepower guarantees that the software will function as described in the official documentation at the time of delivery. Zavepower is not responsible for issues caused by third-party software, operating system updates, or user modifications. Regular updates are provided to improve performance and security, but uninterrupted or error-free operation cannot be guaranteed.

Support and Contact

Need help? Our support team is here for you!

- Email: support@zavepower.com
- FAQ and guides: www.zavepower.com

Environment and Recycling

At Zavepower, we care about the environment. SpaPilot is designed to reduce heating costs by up to 80% and lower CO₂ emissions. When your product reaches end of life, please dispose of it at your nearest electronics recycling facility. Always follow local recycling guidelines.

Safety Certificates and Approvals

SpaPilot is CE marked and RoHS compliant, meeting European safety and environmental standards. For more information about certifications, please visit our website or contact our support team.

Quick Start Guide

Get started with your SpaPilot Gen 1 in just a few simple steps:

1. Unbox and Check Contents

Open the package and make sure all components are included (see “What’s in the Box” for details).

2. Install the SpaPilot Device

Follow the installation guide to securely mount the device near your spa and connect it using the provided cables and mounting kit.

3. Connect to Power

Plug the device into a suitable power outlet using the included power adapter.

4. Download the SpaPilot App

Search for “SpaPilot” in the App Store (iOS) or Google Play (Android) and install the app on your smartphone or tablet.

5. Connect to Wi-Fi

Open the app and follow the on-screen instructions to connect your SpaPilot device to your home Wi-Fi network.

6. Pair the Device

Log in or create an account in the app, then pair your SpaPilot by scanning the QR code on the device or entering the serial number.

7. Set Preferences

Use the app to set your desired temperature, create heating schedules, and explore smart features.

8. Enjoy Your Spa!

Your SpaPilot is now ready to use. Control and monitor your spa anytime, anywhere from your mobile device.

Frequently Asked Questions (FAQ)

How do I reset the Wi-Fi connection?

To reset the Wi-Fi connection, follow these steps:

1. The SpaPilot box features a secondary Wi-Fi hotspot with the following credentials: SSID: "Spapilot Reset Hotspot" and Password: "Zavepwr21#&"
2. Navigate to your mobile device settings and adjust your mobile hotspot to match these credentials.
3. Once connected to your device, you will have the ability to modify the box's credentials as needed.

What should I do if SpaPilot is not responding?

- First, check the power supply and make sure your Wi-Fi is working properly. Try restarting the device by unplugging it and plugging it back in. If the issue continues, contact our support team.

How do I update the software?

- The SpaPilot app is updated via the App Store or Google Play. The device firmware updates automatically over Wi-Fi when a new version is available. You will receive a notification in the app when the update is complete.

Which spa systems are compatible with SpaPilot ?

SpaPilot Gen 1 is compatible with the following control boxes:

- Balboa BP Series
 - Support for BP series control boxes is available at launch.
 - Examples of compatible models: BP601, BP6013G1, BP2100, BP7, BP8, and more.
 - For a complete list, please refer to Balboa's official documentation or contact our support team.
- Upcoming Support:
 - Gecko YE-3 and YE-5 (support planned for future updates, not available at launch).

Important to note:

- SpaPilot is not compatible with the Balboa GS Series (GS100, GS500, GS501, GS510DZ, GS523DZ, GS525DZ, GS750, GS1000, GS2000, GS3200, etc.), as these do not support Wi-Fi or the required integration technology.
- Other control boxes: For information about compatibility with other brands or models, please contact our support team.
- Any warranty that your spa might have will be effected if you use Spapilot. There is extremely little chans of there being direct hardware failure because of Spapilot. But with software its always risk och the Spapilot might not work as it should, and that can cause your outdoor spa to not work as it should and the risks with that.

Can I use SpaPilot with multiple users?

-Yes, multiple users can access and control the same SpaPilot device through the app with same account, but everytime you login the last active user will be logged out of the app.

Where can I find more troubleshooting help or guides?

- Visit our support page at www.zavepower.com/support for more FAQs, guides, and video tutorials.

Troubleshooting

Here you'll find help to quickly resolve common issues with your SpaPilot

Problem: Spapilot won't start

Solution:

- Make sure the power is properly connected.
- Check that the power outlet is working.
- Try unplugging the device, waiting a few seconds, and plugging it back in.

Problem: No Wi-Fi connection

Solution:

- Check that your Wi-Fi network is working for other devices.
- Ensure you are using the 2.4 GHz band (not 5 GHz).
- Move Spapilot closer to the router during initial setup.

Problem: The app can't find Spapilot

Solution:

- Make sure Spapilot box is powered on and connected to Wi-Fi.
- Check that you are logged into the correct account in the app.
- Restart both the app and the Spapilot device. (Turn off power to the spa and wait 10 seconds before turning on the power again.)

Problem: Spapilot does not respond to commands from the app

Solution:

- Check the Wi-Fi connection.
- Make sure your app is updated to the latest version.
- Restart Spapilot app and try again.

Problem: Update fails or is stuck

Solution:

- Make sure Spapilot is connected to both power and Wi-Fi during the update.
- Restart the device and try again.
- If the problem continues, contact support.

Need more help?

Visit our support page for more guides and video tutorials:

www.zavepower.com/support

You can also contact us directly at support@zavepower.com

Contact Directory

General Inquiries & Support
Zavepower Innovative Technology AB
Website: www.zavepower.com
Email: support@zavepower.com

Sales & Reseller Partnerships
Email: retail@zavepower.com

Authorized Resellers
For a list of current authorized resellers, please visit:
www.zavepower.com/resellers

Product Documentation & Updates
Latest manuals, guides, and updates:
www.zavepower.com/contactus

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The Spapilot Gen 1 is the inaugural version and is currently in its beta phase.

As with any early version, there may be occasional issues that require troubleshooting.

Our dedicated support team is committed to assisting you with any concerns or questions that may arise. We encourage all users to provide feedback, as your insights are invaluable in helping us refine and enhance the Spapilot experience.

Remember, our comprehensive product documentation is readily available online, ensuring you have access to the latest updates and solutions. Thank you for being a part of our journey toward innovation and excellence.