

Somfy Zigbee Setup Instructions:

Here's a **simplified and structured guide for setting up a Somfy Zigbee system** using the Tahoma Pro app:

1. Set Up the Tahoma Pro App

- **Download** the **Tahoma Pro** app.
 - **Create a centralized login** for the app:
 - **Function 1:** Register a Tahoma Switch (new installation).
 - **Function 2:** Access an active Tahoma Switch (finish or service existing job).
 - **Function 3:** Configure a motor (set limits and name the motor).
 - **Multi-Device Access:** Multiple installers can log in simultaneously to set limits, register the Tahoma Switch, or both.
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2. Configure Motors

- **On the Tahoma Pro App**, navigate to "**Configure a Motor**":
 1. **Set limits** (top and bottom) for the motor.
 2. **Adjust speed** if necessary.
 3. **Name the motor** for easy identification.
 - If pre-configuring at the shop:
 - Scan the **motor QR code** at the job site to confirm the motor names and verify limits.
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3. Register the Tahoma Switch

- **Connect to the customer's Wi-Fi** (ensure it's **2.4 GHz**; 5 GHz is not supported).
 - Have the **Wi-Fi password** handy.
 - Follow the on-screen steps to complete the registration of the Tahoma Switch.
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4. Add Smart Plugs (if any)

- Click "**Add Device**" and select **Zigbee** when prompted.
- **Recommendation:**

- Add smart plugs **first**, before motors or remotes.
 - Be within **25 feet** of the smart plugs during the initial setup.
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5. Add Motors

- Plug in motors at their final locations.
 - Click **“Add Device”** and select **Zigbee**.
 - **Tip:** Start with motors **closest to the Tahoma Switch hub** and work outward.
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6. Add Remotes

- Click **“Add Device”** and select **Zigbee**.
 - To pair a remote:
 1. Hold the **program button** (on the back of the remote transmitter) for **7 seconds**.
 2. Watch the LED on the remote’s front:
 - Look for the LED to flash **red twice**, then release the button.
 3. Wait for the transmitter to pair with the hub.
 4. Name the transmitter and assign motors to the desired channels (single or 5-channel).
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7. Finalize and Transfer to End-User

- Have the customer download the **Tahoma by Somfy** app.
- The customer will:
 1. Use their email to create an account.
 2. Connect to the hub with the new account.
- **Note:** Only one email is allowed per hub, but there is a 75 node limit on devices that can connect.
 1. **Key Points About the 75-Node Limit**
 1. **What Counts as a Node:**
 - Each motor, remote, or smart plug is considered a node.
 - The Tahoma Switch hub itself does **not** count as a node.
 2. **Plan the Network:**

- Ensure the total number of devices in the project doesn't exceed 75 nodes.
- If a job requires more than 75 devices, consider splitting the installation into **multiple hubs**.

3. **Optimize Node Placement:**

- Place devices strategically to ensure strong Zigbee signal coverage.
- Start with devices closest to the hub and work outward to establish a reliable mesh network.

4. **Monitor Network Usage:**

- Use the Tahoma Pro app to track connected devices and ensure you stay within the limit.
- Add higher-priority devices (e.g., motors and remotes) first, leaving room for optional accessories like smart plugs.

Suggestions for Large Installations

- For installations approaching the **75-node limit**:
 - Use **wired controls** for less critical shades or devices to reduce Zigbee node usage.
 - Add a **second Tahoma Switch hub** for a separate Zigbee network.

Being aware of the limit ensures the system remains reliable and avoids performance issues due to overloading.