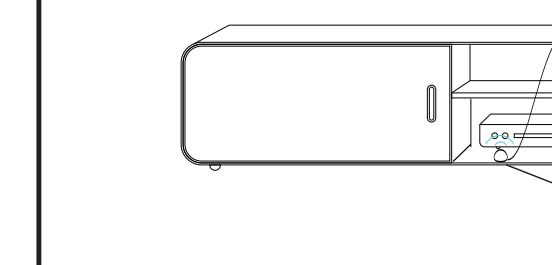
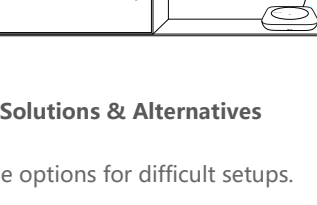
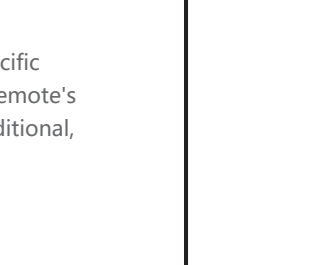
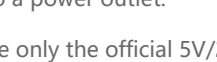
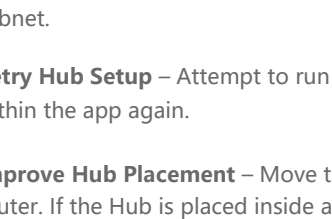
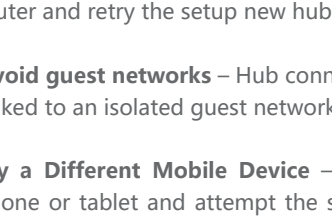


Sofabaton I Wake Up Your Remote II Getting Started with Your Sofabaton X2 III Understanding Your IR Control Options IV Positioning Guidelines for the X2-Hub V Support VI Downloading the Sofabaton App VII Setup New Hub VIII Adding Devices IX Power On/Off Setup X Manage Input Sources XI Creating an Activity XII Smart Ecosystem Compatible XIII Specifications and Performance X2 Smart Remote	I Wake Up Your Remote For safety during transport, your remote arrives in a low power "Shipping Mode". You must activate it before your first use. To do this, simply connect the remote to a standard 5V USB power source using one of the following methods: Via Charging Dock: Place the remote onto the charging dock. Make sure the dock itself is connected to power. Via USB-C Cable: Plug the included USB-A to USB-C cable directly into the port on the back of the remote. ! Important: USB-C to USB-C cables and chargers are not supported. 	II Getting Started with Your Sofabaton X2 Welcome! This guide provides a quick overview of the main steps to set up your Sofabaton X2. You will find detailed instructions for each step in the chapters that follow. Step 1: Understand Your Hardware Before you begin, we recommend reading the next two short chapters to understand your new remote system. IR Control Options: Learn how your system sends commands. Position Hub: Find the best location for your Hub to ensure a strong signal. Step 2: Connect Your Hub First, download the Sofabaton app and connect your X2-Hub. (See Chapter V for full details) Step 3: Add Your Devices Follow the app's instructions to add your entertainment devices, like your TV and Cable Box. Step 4: Complete Required Device Setup After adding a device, you must complete its essential setup before it can be used in an Activity. Power On/Off Setup: Tell the app exactly how your original remote turns the device on and off. This is vital for reliable control. Manage Input Sources: Set up your device's inputs (like HDMI 1, HDMI 2) for use in activities. Step 5: Create Activities Combine your devices into powerful one-touch Activities, like "Watch Movie" or "Listen to Music", to control multiple devices at once. For detailed steps, please refer to the Guide or Video Tutorials.	III Understanding Your IR Control Options 1. Default IR Signals from Hub: The X2-Hub features powerful, multi-directional IR emitters. By default, it directly controls devices in its vicinity without needing to be aimed precisely. This is the recommended default method for effortless control. Important Tip: The Hub sends signal forwards and upwards in a 360° pattern, but not downwards. For best results, place the Hub on an open shelf with a clear line of sight to your devices, preferably not above them. 2. Control from the Physical Remote If the Hub's signal is obstructed or you prefer traditional aiming, you can enable the IR-emitter on the physical remote via the app. This allows for direct, line-of-sight control. 3. Extending Range with an IR Repeater For devices in other rooms or cabinets far from the Hub, you can use an IR Repeater R1 (sold separately). This device amplifies and relays the Hub's commands to hard-to-reach equipment.  	IV Positioning Guidelines for the X2-Hub To ensure reliable IR control, choose the best placement for your environment. This placement is an Open Location (Recommended) The Hub provides the best performance for the Hub's powerful, multi-directional IR signals. Placement: Position the X2-Hub on top of your cabinet or on a large, open shelf, ensuring it is unobstructed. Controlling Hidden Devices: To control devices that are inside a cabinet, box, or behind a door, connect the included wired IR Blaster. Aim its emitter toward each device's IR sensor.   When placing the Hub inside a cabinet or other enclosure:	V Support For devices also inside the enclosure: The Hub can typically control these directly with its own powerful IR signal. For devices outside the enclosure: You must use the included IR Blaster. Run the blaster's cable outside and aim the emitter head at external device (e.g., your TV, soundbar).  https://sofabaton.com/video_tutorial.html 2. User Guide and FAQ Find step-by-step guides and answers on our website. We refresh them often! - Main Website: https://www.sofabaton.com/ - X2 Resources: https://www.sofabaton.com/x2/ (Temporary until Q2 2026) 3. Contact Our Support Team  	VI Downloading the Sofabaton App Download the Sofabaton app by scanning the QR code below or by searching "Sofabaton" in your app store.   	VII Setup New Hub 1. Prepare Your App - Login or create an account in the Sofabaton app. - Select 'Series' -> 'Setup New Hub' Note: Your phone needs to have Bluetooth enabled and be connected to a 2.4GHz Wi-Fi network (not 5GHz). 2. Hub Connection Plug in the Power Cable: - Connect the included power adapter to the Sofabaton Hub and plug it into a power outlet. - Note: Use only the official 5V/2A power adapter to prevent voltage mismatch. 3. Connect to Wi-Fi - Disable VPN - Active VPNs can block Hub selections. Turn off VPN, then reactivate Wi-Fi and the app. - Use the same 2.4GHz Wi-Fi - Ensure both the Hub and your phone are connected to the same 2.4GHz Wi-Fi network and subnet. - Retry Hub Setup - Attempt to run the "Setup New Hub" process within the app again. 4. Improving Hub Placement - Move the Hub closer to your Wi-Fi router. If the Hub is placed inside a cabinet, take it out and move the Hub closer to the router to increase the network signal. Relaunch the app to try again. 5. Entering Pairing Mode: - Press and hold the Hub's button for 3 seconds (the Blue LED should blink). 6. Simplify Your Network - If you have Wi-Fi extenders or secondary routers, temporarily power off the secondary ones, leaving only the main router on. Move the Hub close to the main router and retry the setup until Hub connection is successful. 7. Avoid guest networks - Hub connection issues may occur if linked to an isolated guest network. 8. Try a Different Mobile Device - Install the app on a second phone or tablet and attempt the setup. This can help identify if the issue is with the original device.  	VIII Adding Devices - Launch the Sofabaton app & go to the Devices page. - Tap the "+" icon to add new devices. - Select the control type of your device 1. Add IR Device Standard Setup: - Search by Brand & Model to load the correct IR codes. Navigate to: App > Devices > Add > Infrared > Search in the database Alternative Methods (If device not found): Learn from Original Remote: Point your original remote at the Hub and follow the on-screen Home Assistant system. Test & Match Code: Manually test suggested command sets on your device to find the correct IR code name. 2. Add Bluetooth Device - Search by Brand and download the required Bluetooth control profile - Confirm pairing on the device itself. Example (Apple TV): Go to Apple TV Settings -> Remotes and Devices -> Bluetooth. Select the device named "Sofabaton_X00" from the list to complete pairing. Tip: The X2 supports two Bluetooth models: BLE (recommended) and BT. We strongly recommend using BLE whenever possible. The X2 can connect to three BLE devices simultaneously, offering instant response times. If your device cannot connect to "BLE-Sofabaton," try the BT mode instead. Please note that the X2 can only connect to one BT device at a time, and switching between BT devices may cause a slight delay as it disconnects from one before connecting to the next.	IX Adding Devices 3. Add WiFi Control Service 3.1 Add WiFi Control Service - The app will automatically scan for compatible devices on the same 2.4GHz Wi-Fi network. - Currently Supported Brands: Roku, Sonos, Philips Hue (please check app for the latest list) 3.2 Add Home Assistant Remote - Finally, configure the MQTT Broker information in the Hub settings within the Sofabaton app. The enables communication between the Hub and your Home Assistant system. - Then, add a virtual remote in the Sofabaton app for controlling Home Assistant. - Finally, in Home Assistant, set up automations to listen for MQTT commands from this virtual remote to trigger your desired automation functions. 3.3 IP Control - Directly add a virtual device in the Sofabaton app for IP control. - Each command requires individual setup of the URL and Request Method (e.g., GET, POST). 4. Add RF433/RF315 Device If you don't know your device's RF type, check the back of your RF remote or inside the battery compartment for a label indicating the operating frequency (e.g., "433 MHz" or "315 MHz"). Learning encrypted RF commands or a rolling code will not be supported.
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I. Power On/Off Setup 1. Default Settings - For most devices, the default power commands work perfectly. However, you may highly recommend you use the "Test" button to verify they control your device correctly. This is useful for remote Activities later on. 2. Custom Power Sequences If your device requires: - A long press to turn on/off - Multi-press combinations (e.g., press "Power" then "On/Off") - You like to change the default settings in the "Power On/Off Setup" to modify the command action as per the below, or add additional custom commands. 3. Startup Delays - For TVs or projectors with a slow startup - Navigate to the device's "Turn On Settings." - Add a delay that is longer than the device's "boot time." Why This prevents misread commands (e.g., input switching during Activity startup). 4. When to Configure "Idle Behavior" "Idle Behavior" is an advanced setting that controls what a device does when you switch from an activity that uses it to one that doesn't. For most devices, the default setting (Turn off when not used) works perfectly. However, you might need to change this specific device to improve your experience. Stay on when switching Activities: Use for devices like HVAC controllers or smart lighting that should only be turned off when you turn the whole system, not during single activity changes. Always On: Use this if you don't want the system to control this device's power automatically.	X. Manage Input Sources Note: Proper source configuration is essential for Activities to switch inputs correctly (e.g., on your TV or AV Receiver). 1. Devices Requiring Setup - This settings is needed for equipment with multiple inputs (e.g., TV HDMI ports, AV Receiver inputs). 2. Select the Input Switching Mode: - Direct Input Switching Mode: - If your device supports specific commands to go directly to each input (e.g., a unique command for "HDMI 1" another for "HDMI 2"), the system will suggest using Direct Input Switching Mode. - Note: Direct Input Switching Mode is suggested, if generally the fastest and most reliable option. We recommend choosing it. - Alternative Switching Modes If your remote doesn't have dedicated buttons for each input (like "HDMI 1"), you will need to set up the Hub controls over your input menu. This usually involves one of two methods: Menu Navigation: Touch the Hub icon to open the on-screen menu (Bring Up the Navigation Menu), then use arrow, number, or "Input" keys to select a source. Input Cycling: Teaching the Hub which single button (e.g., "Source") is used repeatedly to cycle through inputs. 3. Source List / Input Menu Configuration This is a critical step for accurate input switching, especially when switching input by Bring Up the Navigation Menu or Input Cycling / Cycling.	XI. Creating an Activity 1. Open the App - Launch the app and navigate to the Activities section. 2. Start a New Activity - Tap the "+" icon to create a new Activity. 3. Choose a Suggested Activity or Customize The system will display recommended Activities with pre-configured device combinations (e.g., "Watch Satellite TV" = TV + Set-top box). Alternatively, manually choose the device you want to use for a custom setup (e.g., TV, Soundbar, Streaming Box, Philips Hue). You must enter them in the exact sequence in the Sobotaton app. Note: An incorrect order or mismatched names will cause errors when Activities by its switch inputs. 4. Select Inputs For devices with multiple inputs (e.g., TV HDMI ports, AV Receiver inputs), select the correct input source (e.g., HDMI 1 for Satellite TV). 5. Select the Power Status of Each Device - The system will select the power status of each device to ensure proper activation/deactivation during Activity switching, preventing operational conflicts. 6. Assign Physical Remote Keys - Volume Key: Select which device will respond to the physical volume buttons on your remote (e.g., control TV volume instead of Apple TV). - Other Keys: Select which device will respond to the other physical buttons (e.g., Streaming Box TV menu controls). - Further Key Customization: For advanced key customization (e.g., assigning specific functions to buttons), you can modify these settings later. Navigate to Activities > Your Activity Name > Edit > Customize Remote Buttons.	XII. Smart Ecosystem Compatibility 1. Connect to Home Assistant (MQTT broker) To integrate Sobotaton with Home Assistant using MQTT, you first need to set up an MQTT Broker in your Home Assistant. Add MQTT Broker to your Home Assistant system: - In Home Assistant, navigate to Settings > Add-ons > Add on store. - Install the Mosquitto broker in addition. MQTT Broker Setup in Sobotaton app: - In the Sobotaton app, navigate to Menu > Connect to Home Assistant > MQTT Broker. - Use your Home Assistant Account credentials to complete the setup. Add Sobotaton integration to Home Assistant: - In Home Assistant, navigate to Settings > Devices & Services. - Click "Add Integration," search for, and locate the "Sobotaton Hub" service, then click to add it. With this integration, you can control all Sobotaton Activities or set up automations in Home Assistant to trigger them. 2. Add a Home Assistant Remote You can add a special "Home Assistant Remote" to your Sobotaton app. This allows you to use any button on your X2 remote to directly trigger automations and control devices within your Home Assistant system. For example, you can assign a button on your X2 remote to run your "Movie Night" scene in Home Assistant. Setup Overview: The setup process involves three main steps:	Step 1. In the Sobotaton App: Add the "Home Assistant Remote" from the Wi-Fi Central Service list and create custom command names (e.g., "toggle lights"). Step 2. In Home Assistant: Create a new automation that uses an MQTT message as a trigger. Step 3. Link Them in your HA automation: use the exact command name you created in the Sobotaton app as the MQTT payload. 3. Work with Amazon Alexa & Google Assistant The Sobotaton S2 supports voice control through Amazon Alexa and Google Assistant to turn your Activities on or off. Prerequisites: - A compatible smart speaker (e.g., Echo Dot, Nest Mini). - Created Accounts in the Sobotaton app. - Note: If you need voice control for a specific device function, you can set it up as a separate Activity. - Setup instructions: Amazon Alexa Navigate to Amazon Alexa app > More > Skills & Games > Search for and enable the "Sobotaton" skill > Log in to your Sobotaton account to enable the Activities. Google Assistant Navigate to Google Home app > Devices > Add Devices > Works with Google > Search for and select the "Sobotaton" app > Log in to your Sobotaton account to enable the Activities. Voice Command: Say: "Alexa, turn on [Activity Name]" or "Alexa, turn off [Activity Name]" or "Hey Google, turn on [Activity Name]" or "Hey Google, turn off [Activity Name]" 4. Matter Function Full Matter support for your X2 is coming via a firm firmware update, pending final compatibility approval from major smart home platforms.	XIII. Specifications and Performance Product name: X2 Smart Remote X2-Hub: - Power Input: 5V/2A - Input Port: USB-C - Material: PC + Silicone X2-Remote: - Display: 2.4-inch Color Touchscreen - Battery Type: Polymer - Battery Capacity: 1200mAh - Charging Port: USB-C - Charging Input: 5V/3A - Charging Time: Approx. 3 hours - Battery Life: Approx. 30 days - Material: Zinc Alloy, PC + Silicone X2-Dock: - Power Input: 5V/2A - Input Port: USB-C - Material: PC + Silicone Package contents: - Main Device 1 x X2-Remote 1 x X2-Hub 1 x Charging Dock - Power & Cables 2 x 5V/2A Power Adapters 2 x 1.2m USB-C to USB-A Cables Others: 1 x 2m 3.5mm IR Blaster (dual emitters) 1 x 3m 3.5mm IR Blaster (single emitter) 1 x Reset pin Off Button: Powers off all active Activities with a single press. Return key: Returns to the previous menu on the X2-Remote display (back navigation). Forward/Start key: Initially activates Numpad (0-9) for direct channel input or access to use defined Favorite and Hub. Other Keys: These keys have no default functions and need to be defined on a device or within an Activity. Reset port: Insert the included pin and press and hold for over 8 seconds to factory reset your remote.	1. Key Definitions for X2-Hub <table border="1"> <thead> <tr> <th>Function</th> <th>Action (on X2-Hub Buttons)</th> <th>Indication(s)</th> </tr> </thead> <tbody> <tr> <td>Find X2-Remote</td> <td>Short press</td> <td>The X2-Remote emits an alert beep. Press any key on the X2-Remote to silence it.</td> </tr> <tr> <td>Active Wi-Fi Pairing Mode</td> <td>Press and hold for 3 seconds</td> <td>Hub's 4 Blue LED Rings (circularly) for 120 seconds</td> </tr> </tbody> </table> 2. LED Indications <table border="1"> <thead> <tr> <th>Status</th> <th>LED Indication (on X2-Hub)</th> </tr> </thead> <tbody> <tr> <td>WLAN Not Connected</td> <td>Blue LED: Solid On</td> </tr> <tr> <td>WLAN Connected</td> <td>Green LED: Solid On</td> </tr> <tr> <td>Abnormal Status / System Error</td> <td>Red LED: Solid On</td> </tr> <tr> <td>Command Received (from App or X2-Remote)</td> <td>Green LED: Briefly Flashes</td> </tr> </tbody> </table> FCC Warning This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: - This device may not cause harmful interference, and - This device must accept any interference, including interference that may cause undesired operation of the device. NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to a radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/TV technician for help. NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction.	Function	Action (on X2-Hub Buttons)	Indication(s)	Find X2-Remote	Short press	The X2-Remote emits an alert beep. Press any key on the X2-Remote to silence it.	Active Wi-Fi Pairing Mode	Press and hold for 3 seconds	Hub's 4 Blue LED Rings (circularly) for 120 seconds	Status	LED Indication (on X2-Hub)	WLAN Not Connected	Blue LED: Solid On	WLAN Connected	Green LED: Solid On	Abnormal Status / System Error	Red LED: Solid On	Command Received (from App or X2-Remote)	Green LED: Briefly Flashes	IC Caution: This device complies with Industry Canada's "Interference-causing RSS." Operation is subject to the following two conditions: - This device may not cause interference and - This device must accept any interference, including interference that may cause undesired operation of the device." « Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. » The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction. L'appareil a été évalué pour répondre aux exigences générales en matière d'exposition aux RF. L'appareil doit être utilisé en conditions d'exposition portable sans restriction. sobotaton http://www.sobotaton.com/
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