SHARP

SUNREMO

**Universal Solar-Powered remote control (AN2303B-2026-B)**

# User manual

## Thank you

Thank you for choosing our solar-powered remote control. Engineered with advanced solar technology, this remote operates efficiently without the need for traditional batteries, offering a reliable and environmentally friendly solution. By utilizing solar energy, it ensures continuous functionality while reducing waste and promoting sustainability.

## Safety information

Hereby, Sharp Consumer Electronics Poland sp. z o.o. declares that this equipment is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU.
The full text of the EU declaration of conformity is available by following the link
www.sharpconsumer.com/documents-of-conformity/
Bluetooth max transmitted power:
10 mW at 2,402 GHz – 2,480 GHz.

**Safety Information**
Please read and follow the safety information when operating the device. Please use this product with care and operate at your own risk.
- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Do not use the device where wireless devices are not allowed.

## Starting Up

Before you start using your remote control, please ensure that you:
1. Peel off the protective film from the solar cell.
2. The remote control becomes operational after receiving sufficient light
3. If the light is too low, charge the remote control using a 5 V USB-C charger.

## How to pair your remote with Android device - simple method

**Note:** This option works only if the remote is not already paired with any device. If it is paired, you must first unpair it. See the unpairing instructions further below.

a. Open the Bluetooth settings on your Android device and start search for a new device.
b. Press the **(Microphone)** button briefly on the remote. The LED on the remote will blink red while it is in pairing mode.
c. When pairing is successful, the LED on the remote briefly turns green.

## How to pair your remote with Android device - alternative method

a. Open the Bluetooth settings on your Android device and start search for a new device.
b. Press and hold the **(Back)** and **(Home)** buttons on the remote simultaneously. The LED on the remote will blink red while it is in pairing mode.
c. When pairing is successful, the LED on the remote briefly turns green.

## Remote control buttons description




1. **(Power) –** Switch on the TV when in standby or vice versa. By long pressing of this button, the set will display a menu offering power down option to energy saving standby mode.
2. **(Source) –** Displays the input/source menu.
3. **(Profile) –** Switches between different user profiles.
4. **(Microphone) –** Use your voice to access entertainment, control smart devices, get answers on screen, and more.
5. **(Settings) –** Short press: Opens the Settings menu. Press and hold briefly: Displays the on-screen keyboard (Live TV mode only). Press and hold for 5 seconds: Activates/Deactivates IR learning mode.
6. **(▲/▼/◄/►/ OK) –** Allows you to navigate the on-screen menus and adjust the system settings to your preferences.
7. **(Back) –** Short press: Step back in the menu. Long press: Exit the currently displayed menu.
8. **(Home) –** Short press: Displays the TV's Home menu. Long press: Opens the Settings menu.
9. **(TV guide) –** Short press: Opens the 7-day TV guide (digital TV mode). Long press: Displays the list of inputs.
10. **VOL (+/-) –** Tilt to increase/decrease the sound level. Press to mute/restore the sound.
11. **CH (+/-) –** Tilt to switch to the next/previous channel in the sequence. Press once to view information about the programme you are currently watching. Press again to view detailed information. Press ► while the information panel is displayed to view information about the upcoming programme.
12. **App buttons –** Launch the corresponding app.
13. **LIVE TV –** Switches the TV source to live broadcast channels received via the TV tuner.
14. **SHARP –** Opens the SHARP Smart Portal.
15. **FAV APP –** Long press: A list of apps opens. Select the app you want to assign to the FAV APP button for quick access. Short press: Launches the remembered app.

**Note:** The button functionality described corresponds to Sharp Google TV. For other branded Android devices, some button functions may vary, or certain buttons may not function.
Your remote control is solar-powered. It does not contain any batteries; however, it must have access to a light source to stay charged and in working condition. A solar cell is located in the lower half of the top side. Make sure this part of the remote control has access to room light. Keeping the remote in dark places, such as drawers, may lead to complete discharge.
If the remote is discharged, you can use a USB-C connector to quickly charge it with a phone charger. When the charger is connected, the LED starts flashing red to indicate that charging is in progress. Once charging is complete, the LED remains solid red.

## IR Learning (Copy Buttons from Another Remote)

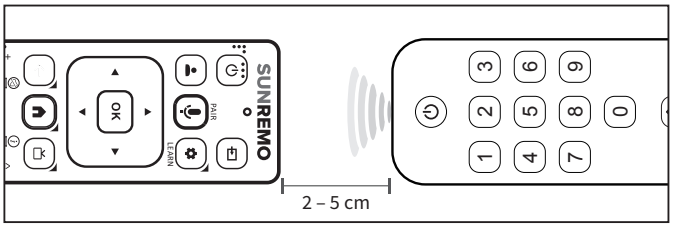
**1. Enter Learning Mode**
Press and hold the **(Settings / LEARN)** button for 5 seconds. The LED starts slow orange blinking, indicating that **IR Learning Mode** is active.

**2. Select a Button to Program**
Press the button on this remote that you want to copy to.

**If the button has not been learned before:**
- The LED begins flashing red, indicating that the remote is waiting for an IR signal.

**If the button was already learned previously:**
- The LED flashes orange 3 times to indicate a learned button.
- The LED then begins flashing red, indicating that a new signal can be learned and the button may be overwritten.

**3. Copy the Signal**
Place the original remote control facing this remote at a distance of approximately **2–5 cm**.
Press and hold the desired button on the original remote for about **2 seconds**.
The remote automatically starts learning the received IR signal.




**4. Confirm Learning**

**Successful learning**
- The LED flashes green **3 times**.
- The remote returns to slow orange blinking, indicating that IR Learning Mode remains active.

**Learning failed**
- The LED flashes red **3 times**.
- The remote returns to slow orange blinking, indicating that IR Learning Mode remains active.

**5. Program More Buttons (Optional)**
Repeat steps **2–4** for any additional buttons.
The IR code of **every button on the remote control** can be modified using the IR learning function.

**6. Exit Learning Mode**
To exit manually:
- Press and hold the **(Settings / LEARN)** button for **5 seconds**. The LED flashes **red 6 times** to indicate exit from IR Learning Mode.

Or:
- Wait **30 seconds** without performing any operation.

The LED turns off and the remote exits IR Learning Mode automatically.

## Learned Button Indication

While in IR Learning Mode, you can check whether a button has already been learned.
Press the button you want to check:
- **Orange LED flashes 3 times** = button already contains a learned IR code.
- **No orange indication** = button is still using its original IR code.

The button can always be learned again and overwritten if required.

## User Map Operation

When you modify any button using IR Learning:
- The currently selected IR Map is copied into **User Map (Map 8)**, together with all newly learned buttons.
- User Map remains active after leaving Learning Mode.
- Additional learned buttons can be added later without losing previously learned buttons.

## Select an IR Code Set (IR Map)

This remote supports multiple predefined IR code sets for different TV platforms.
To select a map, press and hold the corresponding button combination for **5 seconds**.

| IR Map | TV Platform | Activation Keys |
|---|---|---|
| 1 | Sharp Google TV EU (Default) | (Settings) + SHARP |
| 2 | Sharp Titan TV EU | (Settings) + FavApp |
| 3 | Sharp TiVo TV EU | (Settings) + Live TV |
| 4 | Sharp Roku TV EU | (Settings) + Prime Video |
| 5 | ODM Google TV | (Settings) + YouTube |
| 6 | Sharp Japan Global TV | (Settings) + Netflix |
| 7 | Google TV with Colour Button Functions | (Settings) + (TV guide) |
| 8 | User Map (a personalized IR map containing your learned buttons) | (Settings) + OK |

When a map (1-7) is selected successfully, the LED flashes **green 3 times**.
When the Map 8 is selected successfully, the LED flashes **orange 3 times**.

## Quick TV Compatibility Search

If you do not know which IR map your TV requires:
1. Press and hold ⚙ + ⏻ **(Settings + Power)** to enter compatibility search mode.
2. Press ⏻ **(Power)** once.
   - The remote selects **IR Map 1** and sends its Power command to the TV.
3. If the TV switches off, the correct IR map has been found.
4. Press ⚙ + ⏻ **(Settings + Power)** again to exit the search mode.
5. If the TV does not respond, press ⏻ **(Power)** again.
   - The remote selects **IR Map 2** and sends its Power command.
6. Continue pressing ⏻ **(Power)** to test **Maps 3, 4, 5, 6, 7 and 8** until the TV responds.
7. After Map 8, the sequence wraps around to Map 1 again.

## Reset Learned Buttons

Press and hold ⚙ + 👤 (**Settings + Profile**) for **5 seconds**.
- All learned IR buttons are removed.
- User Map is restored to its default configuration based on Sharp Google TV EU (Map 1).

The LED flashes **red slowly 3 times** to confirm.

## Factory Reset (All Settings)

Press and hold ⏏ + ← **(Source + Back)** for **5 seconds**.
- Reset all remote-control settings including pairing over Bluetooth.
- All learned IR buttons are removed.
- User Map is restored to its default configuration based on Sharp Google TV EU (Map 1).

The LED flashes **red 3 times** to confirm.

## Button Availability

The IR code of **every remote-control button** can be modified using the IR learning function.
All buttons support IR Learning.

## Wake Up from Deep Sleep

When paired with compatible TVs supporting the Wake-Up-from-Deep-Sleep feature, the remote control can wake the TV using the following buttons:
- Power
- Home
- Netflix
- Prime Video
- Live TV
- YouTube
- SHARP
- FAV APP

IR Learning does not affect Bluetooth pairing, voice control, or Wake-Up-from-Deep-Sleep functionality.

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