

TELESTAR®

HW 1



Version 1.0 (07/2025)

TELESTAR GmbH, Brückenstraße 2, D-97618 Niederlauer
Telefon: 09771 / 63567-200 Fax: Telefon: 09771 / 63567-144
www.telestar.de, info@telestar.de

Conformity information

Telestar GmbH hereby declares that the following device is in compliance with the essential requirements and other relevant provisions of the RoHS Directive 2011/65/EU including the Delegated Directive (EU) 2015/863 and the REACH Regulation (EC) No. 1907/2006:

TELESTAR HW 1 (Art-No. 5100003)

The declaration of conformity for these products is available to the company: TELESTAR GmbH, Brückenstraße 2, D-97618 Niederlauer
You can download the declaration of conformity from our homepage:
<https://www.telestar.de/support/dl/>

1. Delivery

- 1x Charging case
- 2x Hand warmer
- 1x USB-C connection cable
- 1x User manual

2. Safety instructions

- Please follow the instructions for using the appliance.
- Do not open, dismantle, cut or pierce the product with metal objects.
- Switch off the appliance immediately and stop using it if you notice sparks, smoke or odours during operation.
- Do not expose the product to heat sources or open flames. Do not immerse it in water or fire and avoid prolonged exposure to direct sunlight.
- The operating temperature of the device is between 0 °C and 45 °C (32-113 °F), with a relative humidity of 20-70 %. Keep it away from moisture, heat, water and fire.
- Please observe the applicable local laws and regulations.



Old appliances must not be disposed of with household waste, but must be returned free of charge to municipal collection centres or retailers. Removable used batteries and rechargeable batteries must be removed and disposed of separately before handing them in.



Batteries and rechargeable batteries must be collected separately and can be returned free of charge to collection centres or retailers. Lithium batteries must be discharged and the terminals taped to prevent short circuits before handing them in.

3. Use of hand warmer

1. Battery status display:

By pressing the on/off switch twice quickly, the current battery status is shown on the LED display (in any operating status):

- 1 blue light: battery level 0-30 %
- 2 blue lights: battery level 30-66 %
- 3 blue lights: battery level 66-100 %

The blue light flashes when the hand warmer is charging.

2. Key functions:

- Pressing and holding the on/off switch (approx. 3 seconds) activates the manual heating mode (red LED lights up).
- A short press switches between the heating levels.
- A long press switches the hand warming mode off again.

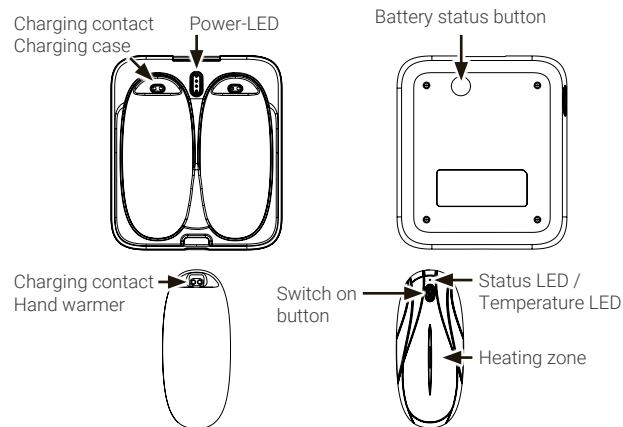
3. Heating temperature:

- 1 red light: 35-42 °C
- 2 red lights: 42-48 °C
- 3 red lights: 48-55 °C

4. Charging mode:

Place the hand warmer in the charging station for charging.

- Charging does not start automatically if the battery level is above 98 %.
- During the charging process, the blue lights (1-3) flash; when fully charged, they light up permanently. The display is then switched off and standby mode is activated.



4. Use of charging case

1. Main function:

The charging station charges the hand warmer when it is inserted.

2. Battery status display:

- Briefly pressing the battery status button on the underside of the charging case displays the current battery status via the blue LED.

3. Charging process:

- Charging process via PWM trickle charge and constant current charging.
- Use a 5V/2A power supply unit.
- LEDs 1-4 light up in sequence as the battery level increases.
- When fully charged, all 4 LEDs light up permanently.

4. Standby time

- At 25 % battery level: approx. 3 months
- At 50 % battery level: approx. 6 months

5. Battery life (fully charged):

A fully charged battery and fully charged hand warmer result in three times the service life of the hand warmer.



Note: The button functions and other functions of the hand warmer are deactivated during the charging process. The charging container can charge several hand warmers at the same time. Although this extends the charging time, it does not impair the function. The charging station has a temperature detection function: if the temperature exceeds 60 °C, a protective mechanism is activated which limits the charging and discharging currents.

5. Specifications

Features:

- Switch with three heat settings
- Battery capacity: 3.6 V, 2000 mAh (per hand warmer)
- Charging time: approx. 3 hours
- Flexible flat heating element

Heating levels:

- First stage:
 - Heating temperature: 35-42 °C
 - Usage time: approx. 10 hours
- Second stage:
 - Heating temperature: 42-48 °C
 - Useful life: approx. 7 hours
- Third stage:
 - Heating temperature: 48-55 °C
 - Useful life: approx. 4.5 hours

Chargingcase:

- Push-button for displaying the battery status
- Adaptive charge detection
- Battery capacity: 3.85 V, 10,000 mAh
- Charging connection: USB Type-C
- Charging time: approx. 6.5 hours (at 5V / 2A)

Dimensions / Weight:

- Hand warmer dimensions:
 - 30.6 x 22 x 66.5 mm (W/H/D)
- Hand warmer weight: 45 g
- Charging case dimensions:
 - 30.6 x 22 x 66.5 mm (W/H/D)
- Weight of charging case: 45 g