CASTIGO

MILANO

User Manual

CASTIGO CST01

Biometric lock and power bank device for CASTIGO bags

PATENT PENDING – IT 102026000014266

English – Rev. 5 (11/2026)

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The CST01 device is integrated into several CASTIGO bag models: this manual applies to all models equipped with it.

1 Package contents

- CASTIGO bag with integrated CST01 device
- User manual (this document)

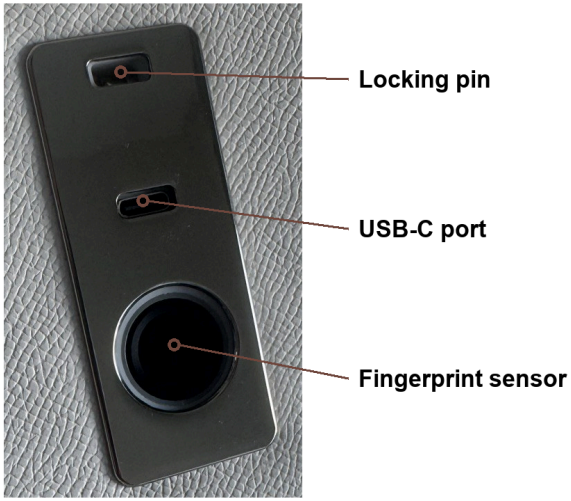
Power adapter not included: charge with a USB-C cable rated 3 A and a CE-marked USB-C adapter (5 V; 9 V / 12 V USB PD or QC fast charge, max 22.5 W).

2 Device overview

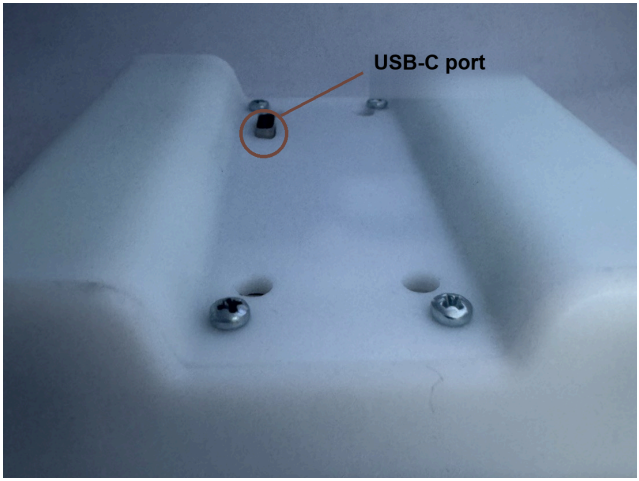
CST01 is the electronic device integrated into the bag: biometric fingerprint lock, RGB LED interior lighting, anti-theft alarm with motion sensor, speaker and a power bank with two USB-C fast-charge ports up to 22.5 W. It is managed with the Castigo app for iPhone and Android, via Bluetooth Low Energy.

On the exterior plate, from top to bottom: the locking pin of the clasp, one of the two USB-C ports (the **external port**, reachable even when the bag is closed) and the fingerprint sensor with its light ring.

Every CASTIGO bag also has a compartment for a Bluetooth tracker (for example Apple AirTag or compatible), to locate it remotely.



Exterior plate



Interior module

3 Charging

The two USB-C ports

Both ports are bidirectional: each one can charge the internal battery or charge your phone and other devices.

Charging the internal battery

1. Connect a USB-C cable to either port.
2. Connect the other end to a certified USB power adapter (5 V, 9 V or 12 V – PD 3.0 / QC 3.0 fast charge, max 22.5 W).
3. While charging, the sensor ring flashes blue every 3 seconds; when charging is complete it flashes white.

If the battery was completely empty, the first minutes of charging are deliberately slow, to protect the cells; fast charging then starts.

Charging your devices

Connect your phone or another device to a USB-C port with a suitable cable: charging starts by itself. Output up to 22.5 W (5 V/4.5 A, 9 V/2.5 A, 12 V/1.87 A – PD 3.0 / QC 3.0 / SCP), including fast charging with compatible devices.

Battery protection

- Below 50% battery the power bank reduces its output (no fast charging, about 10 W) to preserve the cells; full power returns from 55%.
- Below 25% the bag stops charging other devices, to keep energy for the lock; it resumes from 35%.
- If the bag gets too hot, charging of other devices stops until it cools down.

Low battery

- With "Phone alerts" on, the phone warns you when the bag battery reaches 20% and 10%.
- When the battery is empty the bag switches off completely (fingerprint, app and alarm do not work) and **stays closed**. To open it, connect a charger or a power bank to the **external USB-C port**: after a few seconds the fingerprint works again.

- Alternatively you can switch on **“Open when battery is empty”** in Settings (off by default): the bag opens by itself at 5% battery, once per discharge. Off is safer: a thief would only have to wait for the battery to run down.

Use only certified (CE) USB power adapters and cables.

4 Fingerprint lock

The clasp integrates a fingerprint sensor surrounded by a light ring. Fingerprints are registered with the Castigo app (section 5). To open, place a registered finger on the sensor: when the fingerprint is recognised the ring turns green, the lock opens and the interior light switches on. If the ring flashes red, the fingerprint was not recognised: try again.

With no fingerprints registered (new bag, or after deleting all fingerprints) the bag opens with any finger and the alarm is off. Register at least one fingerprint straight away.

Lock-out after wrong fingerprints

After 5 wrong fingerprints in a row the sensor locks for 30 seconds; if it happens again, the lock-out doubles each time, up to 4 minutes. While locked, the ring flashes red and a low tone sounds at every touch. A correct fingerprint resets the count, which also resets by itself after 10 minutes without attempts. The bag can always be opened from the app. With “Phone alerts” on, you receive the “Opening attempts” notification.

Emergency unlock

If fingerprints cannot be used, open the bag from the Castigo app by holding the padlock (app connected to the bag). If the battery is empty, first connect a charger or a power bank to the external USB-C port (section 3).

5 Castigo app

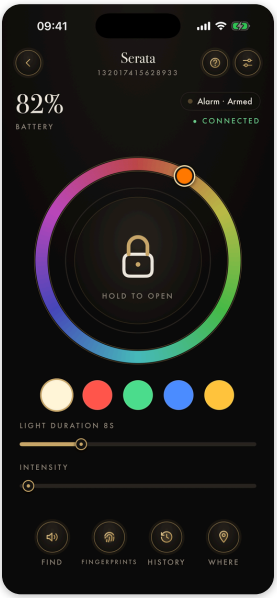
Download the Castigo app from the App Store or Google Play. The bag talks to the phone via Bluetooth Low Energy 5.0, within about 10 metres (less through walls and people), and connects to **one phone at a time**: to use it from another phone, close the Castigo app or turn off Bluetooth on the first one.

Adding a bag

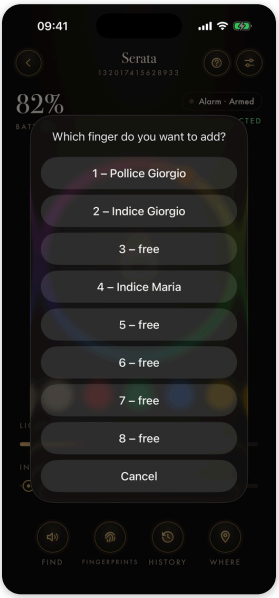
1. Create an account or sign in.
2. In the bag list, tap **“Add a bag”**.
3. Choose **“Find the bags near you”** and select the bag from the list (the app shows how close it is: very near, near, nearby, far), or **“Scan the code on the label”** and frame the QR code on the label inside the bag (number CST…).
4. Keep the phone close to the bag: the bag flashes blue, confirm in the app. At the end the app offers to enter the purchase details for the warranty (optional, section 11).

Guided first setup

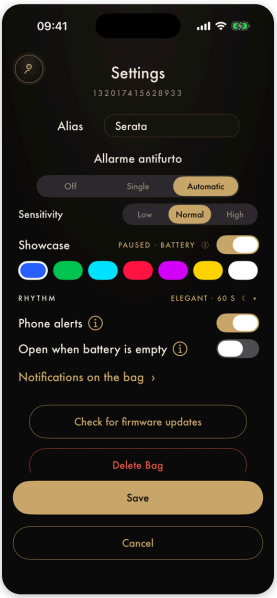
After adding the bag, the **“Let’s set up your bag”** panel guides you through 5 steps: bag connected, registering the first fingerprint, first opening with your finger, choosing the alarm, permissions for alerts and location. You can tap “Skip” at any time and continue later.



Bag screen



Fingerprints



Settings

Illustrative screens: the app may look different after updates.

Bag screen

- At the top: the bag name, **“?”** for the in-app guide and the gear for **Settings**.
- The **battery percentage** (tap it for the Battery card) and, on the right, the alarm status (tap it to open Settings) and the connection status (“Connected”).

- In the centre the **padlock**: hold it to open the bag. Around it, the colour wheel for the interior light, with 5 quick colours below and the duration and intensity sliders (section 6).
- At the bottom: **Find, Fingerprints, History, Where**. The controls stay grey until the bag is connected.

Fingerprints

Up to **8 fingerprints** can be registered (slots 1–8), each with a name (for example "Right thumb"). Fingerprints button:

- **Add new finger**: choose the slot; if it is already in use, the new fingerprint replaces the previous one. Place and lift the same finger 4 times, shifting it slightly: a soft beep confirms each touch. Two tones and a blue flash = fingerprint saved; a low tone and a red flash = failed (about 20 seconds are available): try again.
- **Delete one fingerprint**: choose it from the list by name; the bag will no longer open with that finger.
- **Replace all fingers with one master finger**: deletes all fingerprints and registers the new one in slot 1.
- **Delete all fingerprints**: from then on the bag opens with any finger and the alarm switches off, until a new fingerprint is registered.

On Android some items have slightly different names (for example "Add fingerprint").

Settings

From the gear you can set: **Alias** (bag name); **Alarm** and **Sensitivity** (section 6); **Showcase**, colour and **Rhythm** (section 6); **Phone alerts**; **Open when battery is empty** (section 3); **Notifications on the bag**; the firmware update check; **Delete bag**. Tap **Save** to apply the changes.

The app **theme** (Automatic, Dark or Ivory) is chosen in the **Profile**, which also holds sign-out, account deletion and the privacy policy.

Phone alerts

On by default. The phone stays connected to the last bag used, even with the app closed, and sends a notification when:

- **the bag is forgotten**: about 20 seconds after the phone loses the connection (for example when you walk away);
- **the alarm is triggered** (section 6), with the "Stop the alarm" button;
- **there are opening attempts** with unregistered fingerprints (sensor locked);

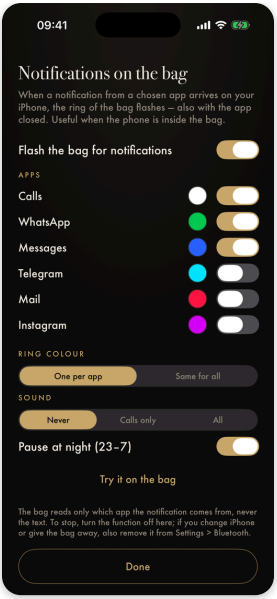
- **the bag battery** reaches 20% and 10%.

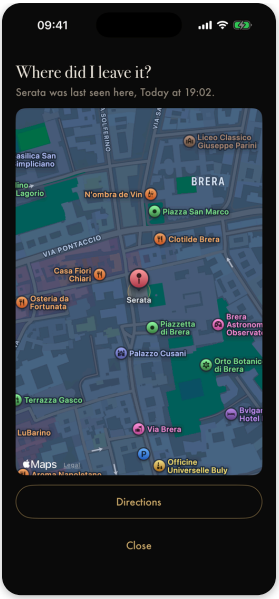
Bluetooth and notification permission are required; with Bluetooth off, alerts are paused. Notifications only arrive while the phone is within range of the bag. Consumption: phone about 1–3% a day, bag about 0.1% a day. On Android a small permanent notification shows that the link is active; on iPhone, if the app is closed from the app switcher, alerts stop until it is opened again. With the switch off (battery saver) the bag is connected only while the app is open on screen and no alerts are sent.

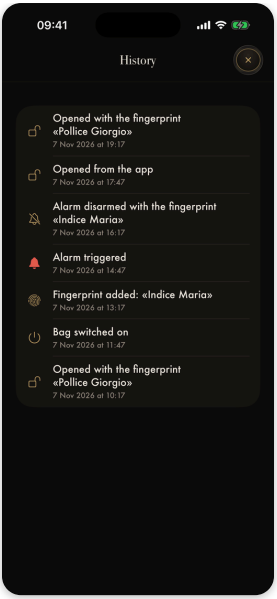
Notifications on the bag

When a notification from a chosen app arrives on the phone, the bag ring flashes (3 flashes): useful when the phone is inside the bag. Switch it on in Settings → **Notifications on the bag** (off by default). Choose the apps (Calls, WhatsApp, Messages, Telegram, Mail, Instagram), the ring colour ("One per app" or "Same for all"), the sound (Never, Calls only, All) and the night pause (23–7, on by default); "Try it on the bag" shows the result. The bag only flashes with the phone nearby, at most once every 30 seconds, and never during an alarm.

- **iPhone**: the bag receives notifications directly from the iPhone, even with the app closed. The first time, the iPhone asks to pair the bag: tap "Pair". The bag only reads which app the notification comes from, never its text. If you change iPhone or give the bag away, also remove it from Settings > Bluetooth ("Forget This Device").
- **Android**: notification access is required (the app asks for it). It works with the app open, or with the app closed if "Phone alerts" are on.







Notifications on the bag *Where did I leave it?* *History*

Illustrative screens: the app may look different after updates.

Quick open

The bag can also be opened without entering the app: **"Open bag"** widget (Home Screen; on iPhone also the Lock Screen), Siri and Shortcuts on iPhone ("Open my bag with Castigo", also from the Action button), long press on the app icon on Android. The last bag used opens as soon as it connects; if it does not connect within 20 seconds, it is not opened.

Find

The **Find** button makes the bag double-beep every second for 20 seconds. To stop it earlier, tap the button again or touch the bag's sensor. It only works with the bag nearby and connected: the bag has no GPS.

Where – Where did I leave it?

When the bag disconnects because you walked away, the app saves where the phone was at that moment. The **Where** button shows it on a map, with the time and a **Directions** button. Location permission **"Always"** is required; only that point is saved, only on the phone. To locate the bag remotely, use a tracker in the dedicated compartment (section 2).

History and battery

- **History**: openings (with which fingerprint or from the app), alarms, fingerprints added or deleted, sensor lock-outs, emergency openings, overheating, restarts and resets, with date and time. The bag keeps the last 64 events and passes them to the app when it connects; if it ran out of battery, some events may appear without a time.
- **Battery** (tap the percentage): health, charge cycles, remaining charge, time to full charge, how many smartphone charges are still available and energy delivered to your devices.

Firmware update

Settings → firmware update check. If a new version is available, the app shows what's new: tap **Update** (or **Later**). The bag needs at least 30% battery or must be charging. The bag opens before starting; during the update the light flashes blue and red. Keep the phone close and do not close the app until "Done". If it does not complete, bring the phone closer and try again.

Removing the bag or deleting the account

With **Delete bag** (Settings) or by deleting the account, the bag returns to factory settings (3 white flashes): fingerprints, settings, history and pairings are erased and the bag is ready for a new owner. Keep the bag close: if it cannot be reached, with "Remove anyway" it will be reset when it is registered again, and until then the fingerprints stay in the bag. If Notifications on the bag were used with an iPhone, also remove it from Settings > Bluetooth.

The full, up-to-date app guide is available by tapping "?" in the app and at www.castigobags.com.

6 LED lighting and alarm

Interior light

The RGB LED interior light switches on when the bag is opened. On the bag screen you choose the colour (colour wheel or 5 quick colours: the light switches on to show it), the duration (1–30 seconds, 10 by default) and the intensity.

Showcase

With Showcase on (Settings, off by default) the sensor ring "breathes" for 4 seconds in the chosen colour, to show off the bag. The **Rhythm** sets how often: **Lively** every 30 seconds, **Elegant** every minute (default), **Discreet** every 2 minutes; more often uses more battery.

With **Night pause 23–7** (on by default) Showcase stops at night. It does not run while charging, pauses below 15% battery and resumes from 20%.

Anti-theft alarm

The alarm uses the built-in motion sensor and speaker. It is set in Settings → **Alarm**. At least one fingerprint must be registered.

- **Off** – alarm disabled.
- **Single** – arms after the bag has been still for 15 seconds. After an alarm, or when it is disarmed, it goes back to Off by itself.
- **Automatic** – arms by itself every time the bag stays still for 3 minutes, and keeps watching.

While the bag is armed, the ring gives two red flashes every 20 seconds (or right after the Showcase breath), also at night and while charging.

Sensitivity

- **High** – goes off as soon as the bag is touched or moved.
- **Normal** – goes off if the bag keeps moving for a few seconds, or is moved and left tilted. Single bumps are ignored.
- **Low** – goes off only if the bag is carried away (moving for several seconds) or turned over. Bumps, small movements and swinging are ignored: suitable, for example, when the bag hangs on a chair at a restaurant.

When the bag is moved

- **Warning** – the bag beeps softly for 5 seconds: placing a registered fingerprint is enough to disarm the alarm. From the movement to the siren there are about 8–11 seconds with Normal or Low sensitivity, about 5 seconds with High.
- **Siren** – if the alarm is not disarmed, the siren sounds for 10 seconds and repeats every minute, for up to one hour. The ring flashes red every second: place the registered finger there to stop it. With "Phone alerts" on, the "Alarm triggered!" notification arrives.

How to stop the alarm

- **Registered fingerprint** on the sensor: the alarm is disarmed without opening the bag (two tones and green flashes); touch the sensor again to open it. In Single mode the alarm switches to Off; in Automatic it goes back to watching.
- **App padlock**: stops the alarm and opens the bag.

- **"Stop the alarm"** button in the notification, also from a paired smartwatch (Apple Watch, Wear OS): it stops the siren and the bag stays closed. The phone must be connected to the bag; if it cannot be reached, the app asks you to move closer.

On the bag screen, the alarm status shows: **Off**; **Waiting** (on, waiting for the bag to stay still); **Armed**; **Alarm triggered**. The status only updates while the app is connected.

7 Safety warnings

- The device contains a rechargeable lithium-ion battery that is not user-replaceable. Do not open, puncture, crush or expose the device or battery module to fire.
- Use only certified (CE) USB power adapters. Do not use damaged cables or adapters.
- In case of overheating, unusual smell or deformation, disconnect the device and contact support.
- Do not expose the device to temperatures above 45 °C (for example inside a car in the sun) or charge it below 0 °C or above 45 °C.
- Do not immerse in water. Protect the electronics from heavy rain and prolonged humidity.
- The product is not a toy: keep away from small children.

8 Technical specifications

Model	CST01 – HW V1.0
Ports	2× bidirectional USB-C (input and output)
Input	5 V⎓3 A / 9 V⎓2,5 A / 12 V⎓1,87 A – max 22,5 W (PD 3.0 / QC 3.0 / SCP)
Output	5 V⎓4.5 A / 9 V⎓2.5 A / 12 V⎓1.87 A – max 22.5 W total
Battery	Li-ion 3.6 V, 6400 mAh, 23.04 Wh (2× 18650 in parallel, not user-replaceable)
Connectivity	Bluetooth Low Energy 5.0 – 2400–2483,5 MHz – EIRP < 10 mW
Sensors	Fingerprint reader, accelerometer
Audio	Built-in speaker
Fingerprints	up to 8
Operating temperature	-10 °C – 45 °C; charging 0 °C – 45 °C

Manufacturer	Chargesplit S.r.l. – Via Morgantini 21, 20148 Milano (MI), Italia – P.IVA / VAT IT 11414930963 – Made in Italy

9 Disposal

The crossed-out wheelie bin symbol means that at the end of its life the product must not be disposed of with household waste but taken to a collection point for electrical and electronic equipment (WEEE), under Directive 2012/19/EU. The built-in battery must be disposed of together with the product: the collection point will remove it safely (Regulation (EU) 2023/1542).

10 EU compliance

Chargesplit S.r.l. declares that the radio equipment type CST01 complies with Directive 2014/53/EU (RED), Directive 2011/65/EU (RoHS) and Regulation (EU) 2023/988 (GPSR). The full text of the EU declaration of conformity is available on request at support@castigobags.com and at www.castigobags.com.

Patent: application IT 102026000014266 – Patent pending. CASTIGO® is a registered trademark of Chargesplit S.r.l.

11 Warranty and support

The product is covered by the 24-month legal guarantee of conformity under EU consumer law. For support: support@castigobags.com.

Purchase details in the app

After adding the bag, the app shows the **"For your warranty"** screen: purchase date, where it was bought (shop, online or gift, with the name of the shop or website) and a photo of the receipt. This step is optional; the details help support if ever needed.

CASTIGO

MILANO

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