



**User Manual**

**Slow Feeder Ultra**






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## 1. Important Safety Precautions

 **WARNING:** Read all safety precautions before use. Misuse of this appliance may cause injury.

- This device operates on 3.7V DC via Li-Ion battery
- Do not use other battery types
- Do not use high voltage fast chargers (Voltage above 5V).
- Do not attempt to modify the electrical components or PCB
- Do not operate with damaged USB-C cables

- Keep fingers and objects away from moving parts such as the feeder disc
- The aluminum feeder disc has sharp edges - handle with care
- Handle glass container with care. Excessive force can break it and cause injury
- Inspect glass container for cracks or chips before each use; do not use if glass container is damaged
- Keep away from children and non-qualified users.
- Keep the product clean. Refer to Maintenance and Cleaning.
- Do not put the product, or any of its parts in the dishwasher.
- Use only official replacement parts



## **2. Product Overview**

Description: The CremaLoop Coffee Bean Slow Feeder is an automated feeding system featuring aluminum, glass and 3d printed components. The rotating slow feeder disc ensures consistent, controlled feed of coffee beans to grinders with intelligent motor control.

### **2.1 Packaging Contents**

- Slow Feeder Ultra
- Optional:
  - Slow Feeder Grinder Adapter
  - Single Dose Bellow & Lid

## 2.2 Technical Specifications

<b>Parameter</b>	<b>Specification</b>
Recommended Power Input	USB-C, 5 VDC, 1 A
Battery	Li-Ion 3.7 V, 2000 mAh
Battery Runtime	Up to max. 20 hours (speed dependent)
Charging Time	Around 3 hours
Feed Rate (25gr. Beans)	60-120 s
Auto-Sleep Timer	3 minutes
Operating Temperature	0 – 40 °C
Bean Capacity	50 grams
Materials	PLA for 3d print housing, aluminum with surface coating for feeder disc, borosilicate glass

### **3. Instruction of Use**

#### **3.1 Before First Use:**

##### 1. Unpack Carefully

- Remove all packaging materials
- Handle glass container with extra care
- Inspect glass for any damage from shipping
- Verify aluminum components are free from dents
- Check that feeder disc rotates smoothly

##### 2. First Charge

- Connect USB-C cable to charging port
- Connect to USB power source (5 V, 1 A recommended)
- LED indicates charging status:

- Press Power Button once:
  - Double Blinking LED Light every 3s: Device in charging mode
  - Active LED Light: Device in operating mode, not charging
- Charging Recommendation:
  - Initial charge:  $\approx 3$  h
  - Full charge:  $> 3$  h

## 3.2 Control

## Power Button Operation:

- Press Power Button once: Slow feeder in operating mode
- Press Power Button again: Slow feeder pauses

## Speed Dial Knob:

- Value 0 represents no feeder disc motion
- Value 9 represents max. feed rate
- The feed rate can be increased by rotating the dial knob in clockwise direction

## LED Indication:

- Constant LED Light: Device in operating mode
- LED Slow Blinking (1 blink per second): Anti-Stall feature active
- LED Fast Blinking (4 blink per second): Error mode, Power cycle to restart device

### **3.3 Operation Instructions:**

Starting Operation:

- Important: Ensure USB-C cable is disconnected from device
- Ensure glass container is properly seated
- Fill container with coffee beans (max. 50 g)
- Leave 2 cm space at top for bean movement
- Press power button to activate device
- If required: Adjust speed control knob

0-1: Feeder disc is still

2-3: Minimum feed rate

4-9: Variable feed rate

During Operation:

- Aluminum feeder disc rotates in counter-clockwise direction to dispense beans
- Glass container allows visual monitoring of bean level
- Motor automatically solves bean stalling
- After an auto-timer of 3 minutes, the device enters in sleep mode. To wake the device, power cycle the device.

#### **4. Maintenance and Cleaning**

## 4.1 Regular Maintenance Schedule

After Each Use:

- Ensure no beans are left in glass container or trapped under feeder disc

Weekly:

- Deep clean glass container (dishwasher safe - top rack)
- Clean aluminum feeder disc and 3D print housing top with damp cloth and mild detergent

Monthly:

- Check battery performance

## 4.2 Cleaning Procedures

## Glass Container Cleaning:

- Remove fixation screw and glass container when empty
- Wash with warm soapy water or place in dishwasher (top rack)
- Rinse thoroughly and dry completely
- Check for chips or cracks before reuse

## Aluminum/ 3D Print Components:

- Power-off and disconnect USB-C
- Remove glass container
- Disassemble feeder disc from motor shaft by rotating it in anti-clockwise direction.  
Contact support team for more help on feeder disc disassembly.
- Clean with damp cloth and mild detergent

- Never use abrasives on coated surfaces
- Dry completely before reassembly

#### Important Cleaning Notes:

- Never fully immerse aluminum parts or 3D print housing in water, keep motor shaft and USB-C port dry and clean
- Surface coating is durable but avoid scratching
- Do not use bleach or harsh chemicals
- Glass container is thermal shock resistant but avoid extreme temperature changes

### **4.3 Battery Maintenance**

- Charge battery at least once per month

- Avoid complete discharge when possible
- Store at 40-60% charge if not using for extended periods
- Battery life: ~500 charge cycles
- Replace battery through authorized service only

## 5. Troubleshooting

### 5.1 Common Issues and Solutions

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
<b>Power button LED not working</b>	Battery depleted	Connect USB-C to charge
<b>Glass container loose</b>	Gasket not seated	Check rubber gasket alignment
	Container not fully inserted	Press down and twist slightly
	Fixation screw missing	Use M3 x 4mm screw or contact support team
<b>Beans not feeding</b>	Feeder disc clogged	Clean gaps between feeder disc and housing, remove obstacles and residues
	Glass container not seated	Ensure proper installation

<b>Excessive noise</b>	Beans stuck under disc	Remove and clear obstruction
	Aluminum disc rubbing	Check disc alignment
	Motor bearings worn	Contact support team
<b>Battery won't charge</b>	USB-C cable issue	Try different cable
	Port contamination	Clean USB-C port gently
	Battery degraded	Contact support team
<b>Coating wearing</b>	Normal wear pattern	Cosmetic only, does not affect function
<b>Glass container cracked</b>	Impact or thermal shock	STOP USE & replace immediately

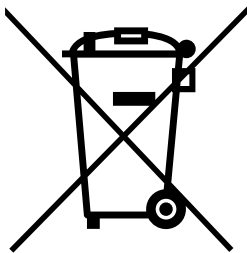
## 5.2 LED Status Codes on Power Button

<b>LED Pattern</b>	<b>Meaning</b>	<b>Action</b>
<b>LED active</b>	Device in operating mode	Wait until coffee is fully fed
<b>Double Blink every 3 seconds</b>	Device in charging mode	Wait until battery is charged
<b>Slow Blink (1 time per second)</b>	Anti-stall active	Wait for auto-clear
<b>Fast Blink (4 times per second)</b>	Error state	Check for jams
<b>No LED &amp; Disc does not move</b>	Battery empty	Charging required

For technical support, please contact us by e-mail at [cremaloop@3dfarmer.ch](mailto:cremaloop@3dfarmer.ch)

## 6. Disposal

The symbol shown indicates that this appliance should not be disposed of in normal household waste. It should be taken to a local authority waste collection centre designated for this purpose. For more information, please contact your local council office. Remove temperature reader batteries before disposal.



## **7. Technical support & warranty**

### **Warranty:**

- Manufacturing defects are covered up to 12 to 24 months from the date of delivery depending on the delivery country.
- During the warranty period, CremaLoop will correct any defective parts or any failure of the product to conform to specifications by sending replacement parts, along with advice on how to fit them.
- Written notice in all events must be received by CremaLoop before expiration of the warranty period. This warranty is not transferable. We may ask for further information including photos or video to help us diagnose the problem, so the appropriate part can be despatched. This guarantee does not cover the cost of returning the product to CremaLoop and this will be paid by the purchaser.

- CremaLoop and its supplier's liability for failure to repair the CremaLoop product to conform to the warranty after a reasonable number of attempts will be limited to a replacement of the product or at CremaLoop's option, to a refund not to exceed the purchase price of the product.
- Under no circumstances shall CremaLoop or its suppliers be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability, or any other legal theory. Such excluded damages include, but are not limited to, loss of profits, loss of revenue, loss of data, loss of use of the CremaLoop product or any associated equipment, cost of capital, cost of substitute or replacement equipment, facilities or services, down time, original purchaser's time, the claims of third parties, including customers, and injury to property.

## **CremaLoop does not warrant or cover:**

- The warranty will not cover any breakages or wear and tear damage such as scratches, dents, stains or discoloration to all surfaces or other damage that does not impair the function of the product and accessories.
- Damage caused by unauthorized attachments, alterations, modifications or foreign objects.
- Damage during shipment other than original shipment to the original purchaser.
- Damage caused by using the product for purposes other than those for which it was designed.

## For more information:

Technical support e-mail:  
[cremaloop@3dfarmer.ch](mailto:cremaloop@3dfarmer.ch)

For **Slow Feeder Instructions**  
please scan QR-Code →

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