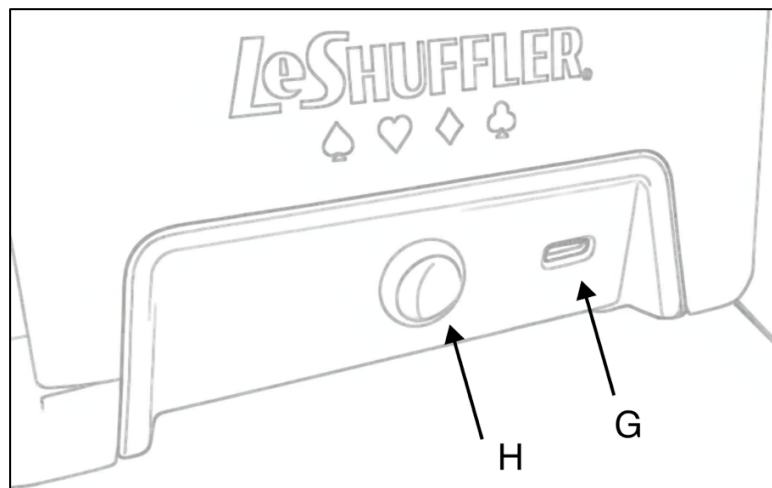
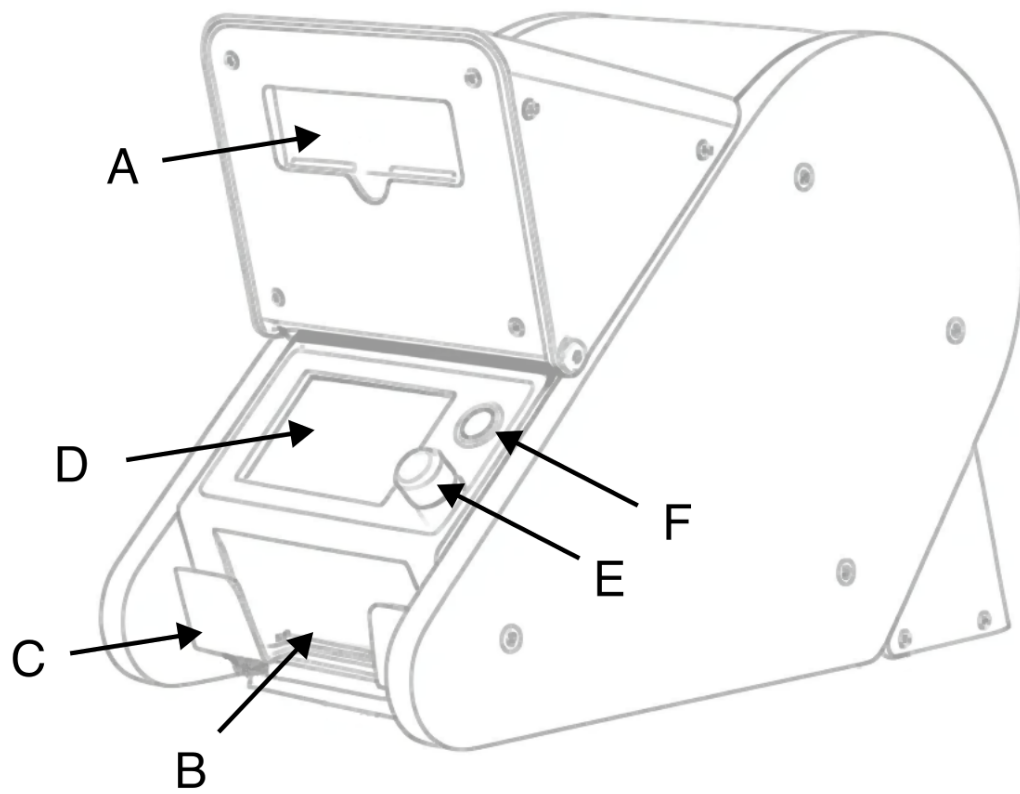


Operations Manual

CONTENTS

1. OVERVIEW	5
2. TECHNICAL SPECIFICATIONS	5
3. ESSENTIAL INFORMATION	6
4. POWERING UP	7
5. LOADING CARDS	8
6. SHUFFLING	9
7. PLAYING PRESET GAMES	10
8. SETTING YOUR OWN PREFERENCES	11
9. USEFUL TIPS	14
10. TROUBLESHOOTING	15
11. MAINTENANCE	17
12. ADJUSTING THE CARD GATE	18



1. OVERVIEW

Congratulations on purchasing LeShuffler®!

This manual will help you to get familiar with your new personal croupier.

See charts on page 4 for the main components of the machine:

- A. Loading tray**
- B. Exit tray**
- C. Exit flap**
- D. Screen**
- E. Main rotary button**
- F. Secondary button**
- G. USB-C port (power and data input)**
- H. Power switch**

2. TECHNICAL SPECIFICATIONS

Dimensions (L x W x H)	318 x 245 x 154 mm [12.5 x 9.6 x 6.1 in]
Weight	6.9 kg [15.2 lb]
Power Input	USB-C PD 15.0V 3.0A, 45.0W
Max Card Capacity	54 cards (one full deck with 2 jokers)
Compatible Card Sizes	Bridge (3.5" x 2.25") or Poker (3.5" x 2.5")

3. ESSENTIAL INFORMATION

BREAK-IN REQUIRED

LeShuffler® is a mechanical device with relatively tight tolerance that **needs some running-in.**

It is recommended to shuffle 10-20 full decks (500-1,000 cards) before first use, to allow internal parts to settle.

You might encounter **occasional misfeeds at the beginning**, that should disappear after 5,000-10,000 cards have been played.

You can check your machine's card tally at any time by pressing
> *Settings* > *About*.

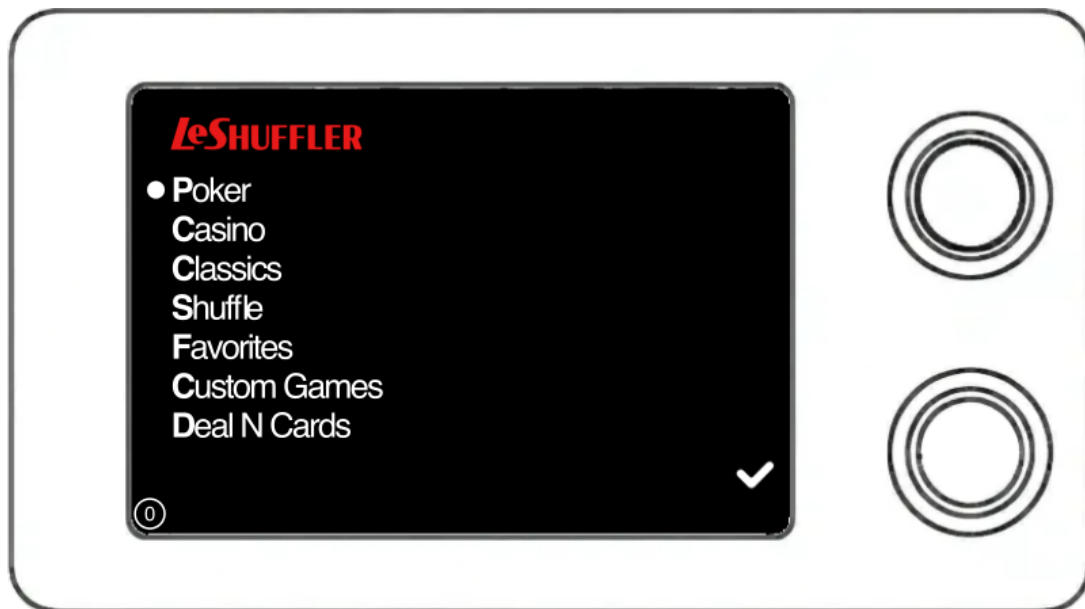
WARRANTY

The minimum legal warranty applicable in the country of purchase applies to purchases made through standard retail channels, provided the machine has not been subjected to misuse, abuse, neglect, accident, unauthorized modification, or failure to follow operating instructions. Please note that machines acquired through the initial Kickstarter crowdfunding campaign were provided on an 'as-is' basis, and no warranty coverage is offered for those specific units.

 **READ THIS OPERATIONS MANUAL IN FULL BEFORE USE.**

4. POWERING UP

- Plug power supply (wall charger or power bank) into **USB-C port G**.
- Turn power switch **H** on.
- After the animation, the **main menu** indicates LeShuffler® is ready.

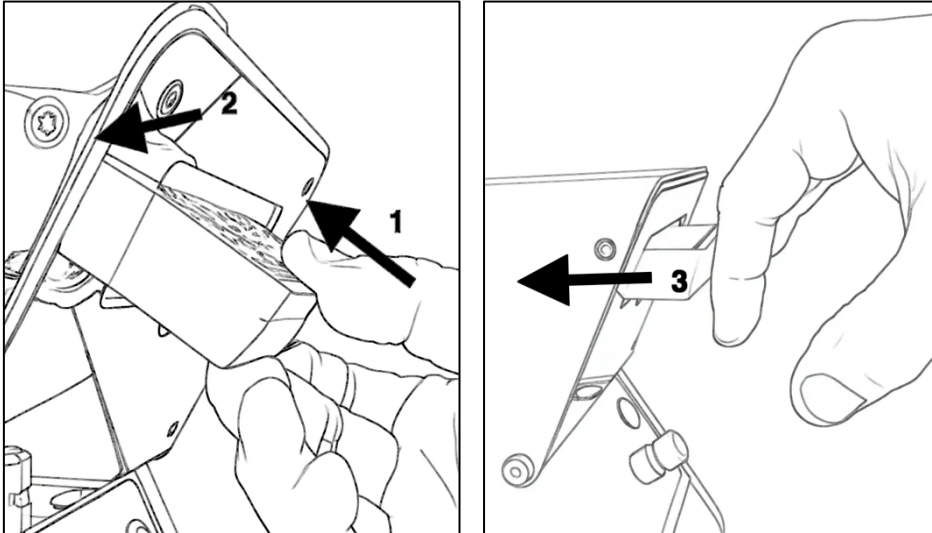


5. LOADING CARDS

Load cards **face down** in tray A **long side towards you**.

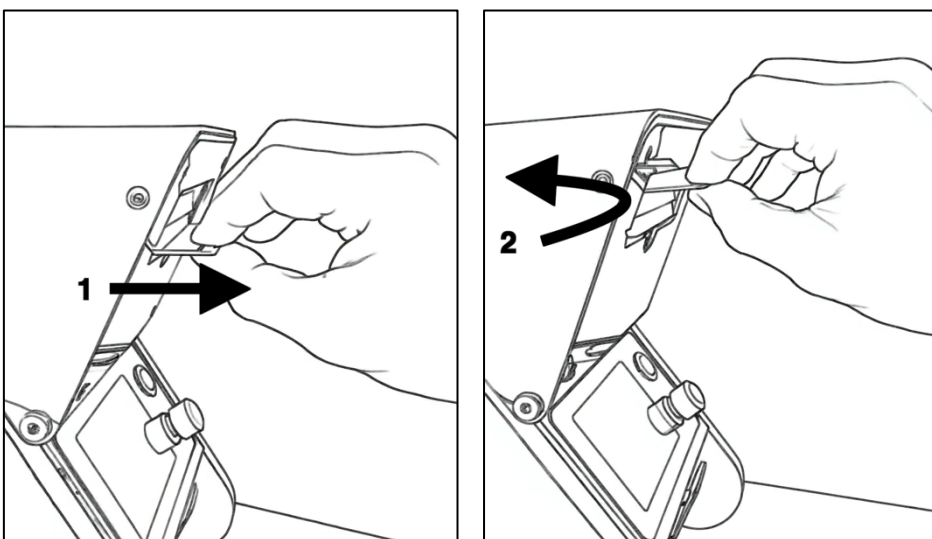
Maximum capacity is **54 cards** (one full deck with 2 jokers).

- Load cards **tilting them slightly upwards** (1) and almost immediately **let them rest** on the internal roller (2)
- Gently **push them inside** (3) so that they **rest evenly** in tray.



If while loading the **"Rearrange tray"** message appears:

- Take a few bottom cards out (1)
- Put them **back on top** (2)
- Resume loading.



If this doesn't solve the issue, see *12. Adjusting the card gate*

6. SHUFFLING

- Turning rotary button E (1), move the white dot to **select > Shuffle**,
- Then press E (2).



Cards will:

- Load automatically,
- Then be released in the exit tray, fully randomised.

If your deck size is not 52 cards, LeShuffler® will ask for confirmation and memorise it for next time.

7. PLAYING PRESET GAMES

- LeShuffler® not only shuffles, **it also deals cards for you, a fun and fast way** to play your favourite games.
- LeShuffler® features more than **30 preset games** that can be found under these 3 sections of the main menu:
 - > **Poker,**
 - > **Casino,**
 - > **Classics**

Example: to play Texas Hold’Em, press > *Poker* > *Texas Hold’Em* and follow the prompts:

- You will be asked for the **number of players**.
- LeShuffler® will **deal hole cards**, to each player in turn (this preset can be modified, see previous section “Setting your own preferences”).
- You will be asked confirmation to proceed to **Flop, Turn and River**. At each stage, press **✓** to proceed or **X** to skip and move to the next round.
- At the end of the round, LeShuffler® will ask confirmation for the number of players for the **next game**.
- No need for a button press, **reloading spent cards will automatically start the next game**.

If you would like LeShuffler® to deal cards differently – by player, in the internal tray, see next section “Setting your own preferences”.

8. SETTING YOUR OWN PREFERENCES

While playing a preset game, you might want LeShuffler® to do things a bit differently. Here are some possible adjustments:

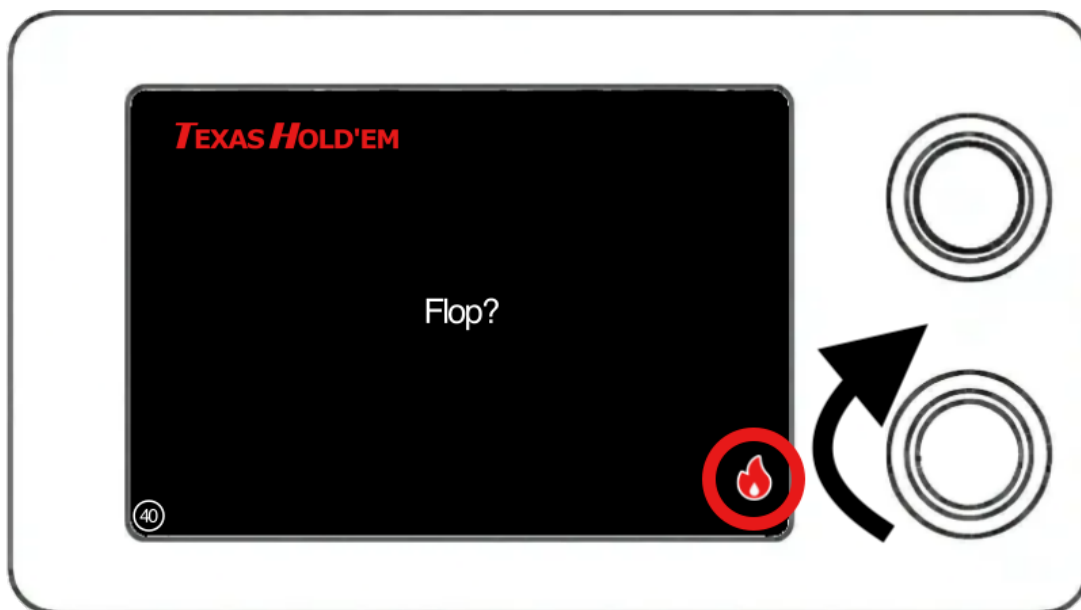
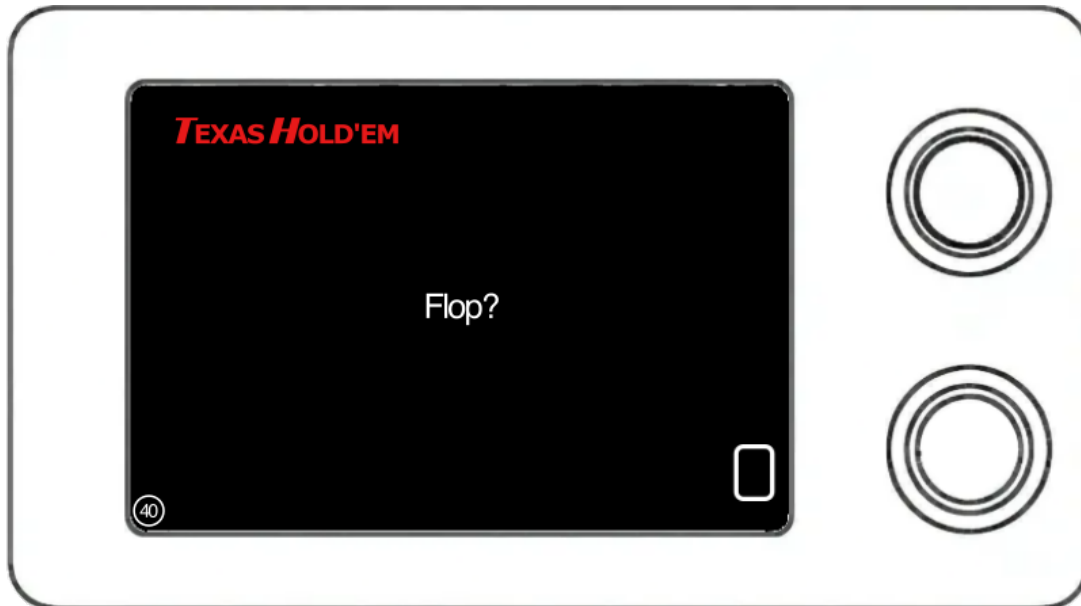
- **To change the pace at which hole cards are dealt**, go to
> *Settings* > *Adjust Deal Pace* and define the minimum time between hole cards, from 0 to 1.5 s (in increments of 1/10th of second).
- **If for any game you would like LeShuffler® to deal cards differently**, press
> *Settings* > *Set Preferences* > *[Your Game]*

Example: Texas Hold'em

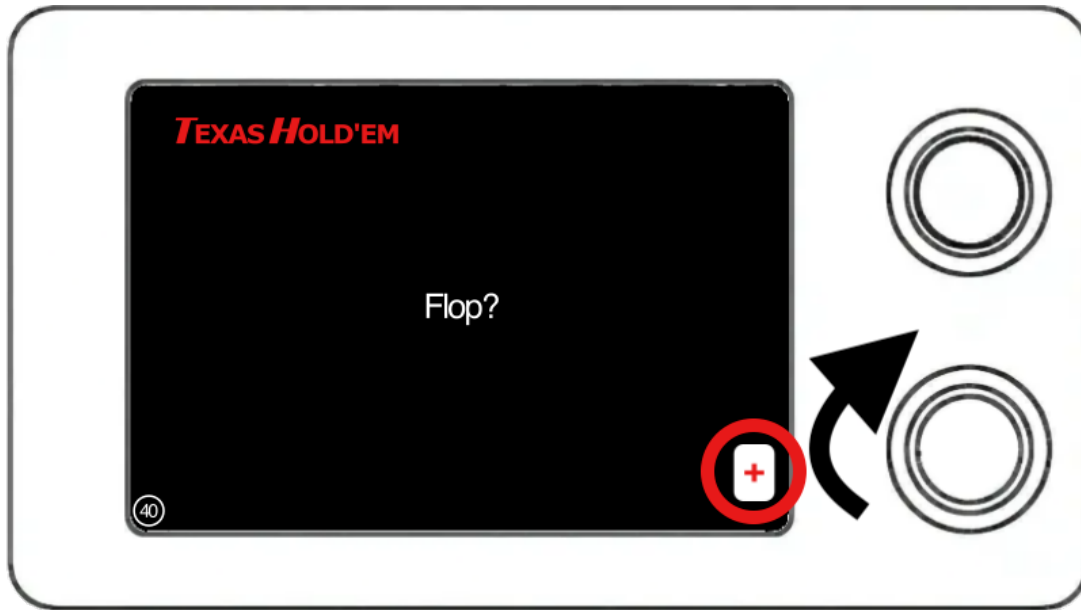
press > *Settings* > *Set Preferences* > *Texas Hold'em*
and set your preferences:

- *Hands distribution: **by player OR round robin,***
 - *Deal hole cards: **in internal tray OR on table,***
 - *Deal community cards: **in internal tray OR on table,***
 - *Community cards: **before OR after hole cards,***
 - *Empty at end: **empty shuffler at the end of each game OR just reload spent cards** (much faster)*
- **If you use a cut card for shuffling**, select > *Settings* > *Use Cut Card* and press $\sqrt{}$. Deselect this option (pressing **X**) if you stop using a cut card.
Also, use a light-coloured cut card, see "Useful Tips"

- If you would like LeShuffler® to **burn cards** when playing a preset poker game, **when asked for community cards turn rotary button E to make the “burn” (flame) symbol appear**. LeShuffler® will burn a card before dealing each community card stage and remember your choice. Turn the button again if you want to stop burning cards.



- Turning the same button further will allow you to **deal an extra card** (useful if a card was accidentally opened).



9. USEFUL TIPS

- **!** Use only **standard commercially made playing cards**, **bridge-size** [3.5" x 2.25"] or **poker-size** [3.5" x 2.5"].
(Bridge-sized cards tend to shuffle 10% faster.)
- For smooth operation and to prevent damage to the machine,
 - **!** **Check your cards before use.**
 - **🛑 Never use if bent, damaged, damp or soiled.**
- **🛑 Do not use black decks** (also called “dark edition”, “shadow”, “inverted”, “negative” etc.) as the dark background of the faces will fool LeShuffler®’s card sensors.

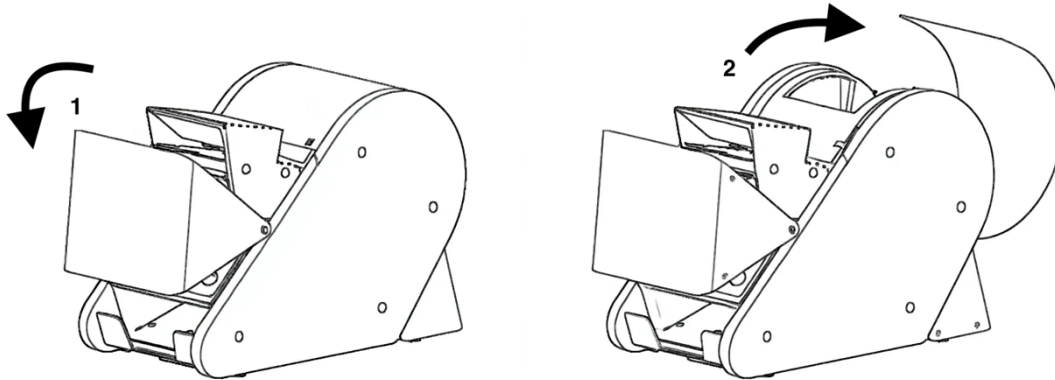


- **!** For the same reason, if you use a **cut card** for shuffling, make sure it is of a **light colour** (not black or dark blue).
- LeShuffler® doesn't require specific playing cards, we recommend as a guideline:
 - 100% plastic cards (they keep their shape longer)
 - Cards with some surface texture (better grip, avoid misfeeds).
- Your friends might be curious to understand how LeShuffler® work. Although **LeShuffler® should always be operated with its covers closed**, you can demonstrate the shuffle operation with the back cover open **for presentation purposes only**. (How to open the covers is described in the next section).

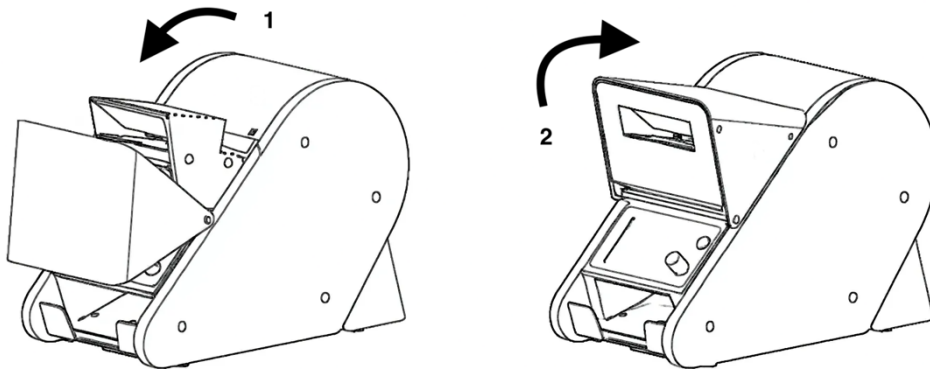
Be aware that with the back cover open, misfeeds can happen and that the value of the cards can be seen!

10. TROUBLESHOOTING

- **Always unplug LeShuffler® before opening the outside covers.**
- To access the inside of the machine, tip the front cover towards you (1) then open the back cover (2):



- To close the machine: close the back cover (1) then the front cover (2):



- **Always operate the machine with covers closed** (except for a short period as a demonstration, see “Useful Tips”).
- **If cards get stuck in the exit chute** (should not happen in normal operation):
 - Press > *Settings* > *Access Exit Chute* then √ to open both internal exit latch and exit flap C.
 - Remove stuck cards.
 - Close latch and flap by pressing √ again.
 - Press **X** to exit.

- If there is any indication that **card count is lost** (card removed manually, 2 cards in same compartment, missing card) you can safely empty LeShuffle, with a **long press** on > *Empty*.
- **In normal operation it should never be necessary to manually empty the machine.** If improper operation has rendered it unavoidable, proceed as follows:
 - Turn power off (unplug or switch power switch H off).
 - Open both covers (see above).
 - Rotate internal carousel so cards can easily be removed one at a time without risking damaging carousel separations.
 - Remove cards carefully by sliding them one by one out of their compartment.
 - When empty, close both covers (see above).
 - Turn power back on.
 - Card count will be showing the (now erroneous) previous value, reset it to zero by pressing > *Settings* > *Reset Shuffler Content* and confirming

11. MAINTENANCE

- **Always unplug the machine before any cleaning or maintenance operation.**
- **Cleaning the carousel compartment and exit tray:** to remove dust, use a feather duster – when dusting carousel compartments, attention must be paid not to damage compartment separators.
- **Cleaning the loading tray.** Some dust and residue might accumulate in the loading tray and on rubber rollers and require cleaning from time to time. Periodicity may vary according to the type of cards used and the environment of operation. As a guideline, it is recommended to **clean the loading tray and rollers after every prolonged session (6 hours) or about every 5.000 cards dealt.** (*Card tally available in > Settings > About*)
- **To clean the loading tray,** open the front cover and use a **clean microfiber cloth dipped in isopropyl alcohol.**
- **To clean the tray roller:**
 - Press > *Settings* > *Maintenance* > **Rotate Tray Roller**
 - **Press gently** the cloth on the rotating roller for 30s – 1mn.
- **To clean the entry roller:**
 - **Cut a 5 x 15 cm [2 x 6 in] cleaning card in a sheet of sturdy blotting paper. Dip one end in isopropyl alcohol.**
 - Press > *Settings* > *Maintenance* > **Rotate Entry Roller**
 - **Insert the cleaning card into the loading tray until the roller catches and keep the roller rotating for 30s to 1mn while holding on to the cleaning card.**
- **Wipe out any trace of alcohol and make sure every part has dried before resuming operation.**
- Outside metal parts can be cleaned with any product suitable for polished stainless steel. To avoid scratches, **use a clean microfiber cloth.**
- Wood sides can be oiled, typically once a year.
- The screen can be cleaned with any product suitable for glass, using a microfiber cloth.

12. ADJUSTING THE CARD GATE

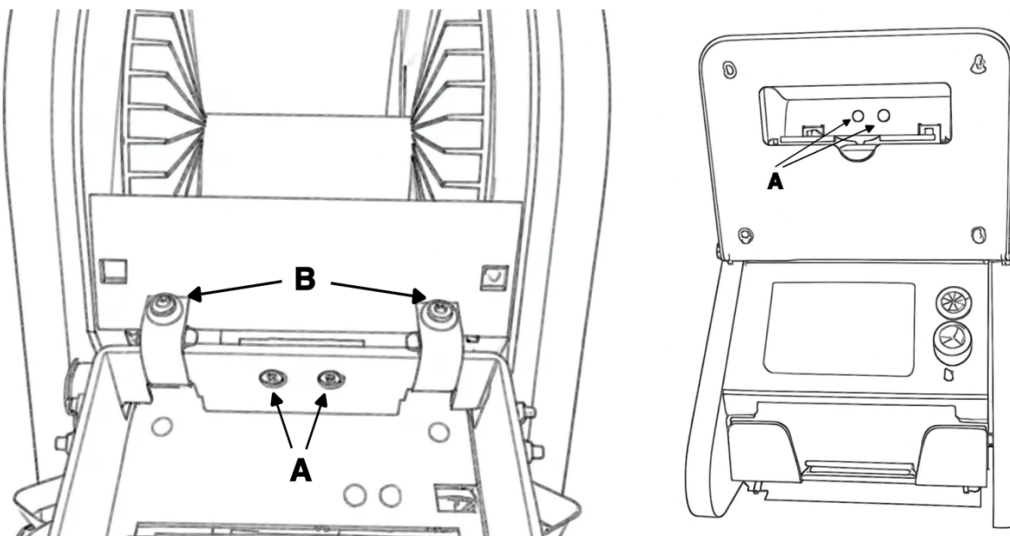
The card loader of LeShuffler® uses a “card gate” that lets through one and only one card at a time. This gate is adjusted in the workshop to its final position with a precision of 0.05 mm – no further adjustment should be necessary.

Exceptionally, if the machine was subject to shocks or vast differences of temperature (as might happen during delivery), it might be necessary for the user to re-adjust the gate position.

⚠ THIS SHOULD BE DONE ONLY IF YOU EXPERIENCE REPEATED CARD JAMMING PREVENTING NORMAL OPERATION. INSTRUCTIONS MUST BE STRICTLY FOLLOWED – FAILURE TO DO SO WILL VOID WARRANTY.

The gate is operated by 2 sets of screws:

- Screws (A) lock the gate in position and prevent it from moving
- Screws (B) adjust the gate position – these 2 screws must never be adjusted separately, but always in sync to keep the gate’s edge horizontal.
- Screws (A) can be accessed from the front card loading window



What you need to proceed:

1. A T10 Torx wrench or driver, with 10 cm (4 in) minimum reach.
2. A 0.40 mm feeler gauge (spark plug gap tool, thickness gauge) – optional.

Step A: Assess if the gate gap is too tight or too loose.

Method 1:

- Put one card in the loader and manually push it through the gate (towards the carousel).
- There should not be no resistance until the card reaches the second roller and spring.
- If you must force the card through the gate, **the gap is too tight**, and this is preventing cards from flowing through normally.
- Put a second card on top of the first and try (gently) pushing it through the gate.
- If there was no resistance for the bottom card and if the top card is blocked by the gate, **the gate gap is correct**.
- If on the contrary the second card gets wedged in the gap, **the gap is too loose**. The 2 bottom cards being funnelled at the same time create the jam you are experiencing.

Method 2 (feeler gauge):

- Slide a 0.40 mm feeler gauge under the gate – it should be a precise fit with no slack, but without experiencing friction or resistance either.

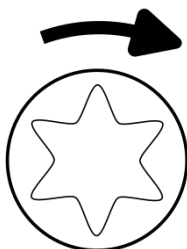
Step B: Unlock the gate

- If the gap needs adjustment, unlock screws (A) - loosening them (CCW) by ½ turn is enough.
- These screws can be accessed through the front-loading window; you need a tool with a minimum reach of 10 cm (4 inches).

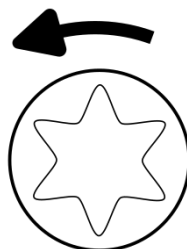
Step C: Adjust the gate one notch

- Adjust (B) screws as per directions below (CW if too tight, CCW if too loose)
- Make an adjustment of 1/8th of turn ONLY (45°)
- Make the SAME adjustment in the SAME direction on both (B) screws

If too tight



If too loose



Step D: check gap again

- As per step A.
- Based on the result, loop back to step C or move to next step E.

Step E: Lock the gate

- Lock both screws (A) – similar procedure to step B in reverse.
- When tightening (CW), make sure not to apply excessive torque, hand-tight with a small Torx driver is sufficient.

The card loader gate gap of your machine is now restored to its workshop setting. If this didn't solve your issue, contact support.

Manuals are available for download:

<http://manuals.LeShuffler.com>



contact: info@LeShuffler.com

European Patent EP4514484
US Patent Pending 18/856,448

