Shuffle King II card shuffler

Package contents:

1 Card shuffler 1 Feed adapter 100-240 / 24 VDC

1 Distribution cable

Attention!!!

- In transporting or storage of the shuffler at low temperatures, it is necessary to let the shuffler get warm to the room temperature for 30 minutes, at least, before use.
- Do not cover the bottom ventilation openings and fan cover.
- Do not block the shuffler cap against opening and do not lean against it.
- Do not use the cards if they are bent or otherwise mechanically damaged.
- The pack height may not exceed the edge designated in Fig. 3.
- During shuffling, nothing else may be inserted inside the shuffler.
- The whole pack should be always inserted, shuffling of just several cards may result in difficulties!
- Any defect in the device announces only an error message during the operation of the shuffler. Any error message that appears on the display while turning on or turning off the mixer does not indicate a defect in the device. This is only a temporary phenom while turning on respectively turning off the shuffler.

Specification and working conditions:

Shuffler dimensions (length x width x depth even with the top panel): 280 x 146 x 288; Top panel dimensions (on the table): 293 x 170 mm; Dimensions of the table hole: 284 x 151 mm (tolerance +2mm in both directions); Weight: 9.5 kg

Shuffling time: 35s max. Feed: 24VD, 2A max.

Working temperature: 20 to 35°C Relative humidity: 10 to 90% (non-condensing) Working position: vertically with the lid on top

Shuffler description:

The shuffler is designed for one pack of plastic or paper cards with the size of 88×63 mm max.; it is also possible to use narrow cards with dimensions of 88×57 mm. Shuffler divides cards into 52 trays. Excessive cards in the pack will stay unshuffled in the insertion area. For a proper operation, it is necessary to fill all trays, therefore do not insert only a part of the pack to the shuffler. Height of an inserted pack may not exceed the edge designated in Fig. 3.

Shuffling of cards will be accomplished in a single cycle. Cards are randomly distributed to 52 trays one by one, and they are subsequently lifted to the position for withdrawal. Each card is counted; the total number is shown on display. If there is a different number than 52, operator is notified of a wrong card number in the inserted pack.

Top view (Fig. 1), view from the main switch side (Fig. 2):



View of the insertion area (Fig. 3):



Shuffler operation

Putting in operation

Connect the feed adapter to mains and to the shuffler. Switch on the shuffler with master switch (Fig. 2).

After switching on, a dim motif with a large and small button will appear on the display. After depressing the big button, carriers will drive out and the shuffler lid will open (Fig. 4).



Setting up the parameters before the first shuffling

On the display, press the sign of a crossed screwdriver and key. The first - information - screen will be shown (Fig. 5). Go to the next screen - the set-up one - by pressing the top right arrow (Fig. 6).

Explanatory notes for screens:

Information screen:

ID – each shuffler has its own unique ID. Version – a current software version of the shuffler To cleaning – number of cycles remaining to display the information about a needed cleaning Today – number of cycles since the last status clearing Total – total number of cycles

Set-up screen:

Clean – cleaning mode is started Test LCD – the display test is started Calibration – the display calibration for touch control Reset Count – resetting of the cycle counter (only with the inserted Boss key) Sound On – on/off the sound signals Card width – width of used cards – 57mm or 63mm Brightness – setting the display brightness at several intensities





Card shuffling procedure

After the card pack is inserted to the shuffler as of Fig. 4, shuffling is started either automatically after elapsing of the time set since inserting the cards, or after pressing the big button on the display. If cards are inappropriately inserted to the carrier, the shuffler can be stopped by pressing the displayed STOP button and the card can be additionally put in order. As soon as the cards start to be distributed, it is possible to switch off the shuffler without problems by the master switch on the rear wall only. In shuffling, the current number of cards is shown on the display. After shuffling is completed, the total number of cards in a pack will be displayed (Fig. 7). If there are a different number of cards than 52, the error message will be displayed as of Fig. 8, and the carrier with cars will go out only after pressing and holding of a big button.

Fig. 8:





Boss key feature:

Shuffler has two separate counters of shuffling cycles. The main counter records each shuffling cycle, and the total number is displayed on the information screen. The counter for the Boss key feature records each shuffling cycle as the main counter, but the number can be reset after insertion of the Boss key to the connector as of Fig. 9.

Fig. 9:





Cleaning of shuffler:

The shuffler set-up gives you a regular call for cleaning after 500 shuffling cycles. After this time elapses, the notification of a necessary cleaning is displayed at the end of shuffling. This information has no impact on the shuffler function, the operator is just notified of the necessity to perform maintenance. To remove this notice, a cleaning mode should be started.

In the set-up screen, you will start the cleaning mode by pressing Clean on if the lid is open and there are no cards in any of the carriers. During the start, the B carrier will go down to a lower position, and all rollers start to rotate. To make cleaning of all rollers easy, it is possible to turn around or completely remove the filtration part (Fig. 10). Thoroughly clean all rubber rollers with a piece of cloth or cotton swab soaked in petrol (do not use petrol cleaner, acetone and similar aggressive liquids). Check cleanness of the card number sensor as well – possible deposits of dust (see Fig. 11). If you removed the filtration part, put it back now (the pins must latch to holes in side boards – an audible click!!). Rotation of rollers is possible to stop by the STOP button any time and restart it by the START button. As soon as the cleaning mode is completed, press the Clean button again.

Given the operation frequency and cleanness of the environment, the shuffler should be sometimes cleaned from the deposited dust and other contaminants even inside.



Fig. 10

Fig. 11:



Troubleshooting:

1) Shuffler erroneously picks up the cards, some cars remain in the carrier Solution:

 \rightarrow Start the cleaning mode and clean all rollers thoroughly

 \rightarrow Slipping free-wheel clutches on rollers beneath the braked roller can cause an erroneous function of the card pick-up. Replacement of those free-wheel clutches may be performed by a trained service technician.

2) Shuffler continues to display a wrong card number Solution:

 \rightarrow Check manually the card number in the pack, cleanness of all rollers and that of the card number sensor (Fig. 11).

3) Shuffler displays "Card Jammed" Solution:

 \rightarrow This message will be shown if there is a foreign object inside the card number sensor. Therefore, at fires, detect whether a card has not been jammed in this space. If it is not the case, check cleanness of the card number sensor (Fig. 14). In the event of contamination (deposited dust or other pollutants), clean the sensor area. If cards are jammed between the end rollers, take the rest of a pack from carrier and carefully pull out the jammed cards.

To operate inside the shuffler, it is possible to remove the service lid without dismantling of the shuffler from a table (Fig. 12).

Fig. 12:

