

[www.dors.com](http://www.dors.com)

DORS.PSE-2100  
SAFE WITH TEMPORARY DELAY OF OPENING (CASH POINT)

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User Manual  
Version 1.0

USER MANUAL

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## INTENDED USE

The cash point is used for temporary storage of money and valuables at the working place of the cashier and/or transactions officer, collecting money and/or valuables, during a business (transaction) day.

- Protection from unauthorised withdrawal of money by delaying the opening of the product's drawers (**0-class** of safe burglary sustainment) subject to the requirements of **GOST R 50862-2005** (sec. 5), **GOST R 51113-97** (sec. 4) and **GOST R 52437-2005** (c. 5.2.1).

- The cash point is activated by a single key. To ensure higher security the interlocking sensor of the cash point is mounted at the back wall. Thus, the cash point may be broken or its drawers opened by mechanical breaking-in devices.

- Each drawer of the product is equipped with strong guides which ensures fail-safe performance of the cash point within the whole service life.

- The cash point may be fixed to the floor through an opening in the bottom of the safe body.

### **Certification of compliance:**

The product complies with technical requirements of:  
**TU 4013-024-84375231-2011**

The cash point is made subject to electric safety class:  
**1GOST R MEK 60950-2002**

## INFORMATION FOR CUSTOMERS

Thank you for choosing **DORS PSE-2100** — safe with a temporary delay of opening.

**DORS PSE-2100** safe with a temporary delay of opening (the “cash point”) is designed by **DORS CB LLC**, Russia, Moscow, and manufactured by Fryazino Plant of Bank

## GENERAL INFORMATION


This User Manual contains general information necessary for correct maintenance and use of **DORS PSE-2100** safe with a temporary delay of opening.


The purpose of the Manual is to provide necessary information for maintenance staff.

- The text following this symbol is a clause of a list.

“” The text in quotation marks is a reference to other chapters and sections of this document.

• The text following this symbol describes steps that must be taken subject to the established procedure.

 The text following this symbol shall be paid special attention in order to prevent injuries and damage of the equipment.

 The text following this symbol contains general information in order to facilitate use of the product and help to avoid incorrect use thereof.

Equipment (FPBE), 2 Zavodskoy proezd, Fryazino.

**PRIOR TO COMMENCEMENT OF WORK  
PLEASE READ THIS MANUAL THOROUGHLY!**

## IMPORTANT INFORMATION

### Important Safety Tips

To ensure secure, lasting and safe performance of the products it is recommended to follow the below operational and safety requirements:

1. The device is connected to ground automatically when the plug is put into a 220 V socket. Sockets not complying with European standard requirements and without grounding shall not be used.

2. When working with the device refer to a manual for use of electrical installations of up to 1,000 V.

3. Installation of the cash point as well as any repair and maintenance works shall be carried out only when the device is disconnected from electric network.

4. If the device is transported and stored in cold conditions leave at room temperature within 2 or more hours prior to switching it on.

5. When plugging and unplugging the device hold only the plug coupler to prevent breaking or damage of the cable. It is also prohibited to do the same with wet hands as it may lead to electric shock.

### ATTENTION

Adjust the temporary delay of the cash point opening only when the device is unplugged.

## PRODUCT DESCRIPTION

### Supplied Stock:

#### The delivery package includes:

DORS PSE-2100 cash point.....1 pcs  
Power cable.....1 pcs  
Tray for banknotes and coins.....1 pcs  
Drawer for money (safe container for temporary storage).....1 pcs

#### Keys kit:

Keys for switching on the device.....1 kit  
Keys for the money drawer.....1 kit  
Kit of tools for the device unpacking.....1 pcs  
User manual.....1 pcs  
Package.....1 kit

**Optional components:** Drawer for money 1 pcs.

**Note:** You can choose tray for banknotes and coins with either horizontal or vertical money storage.

### Appearance of the Device

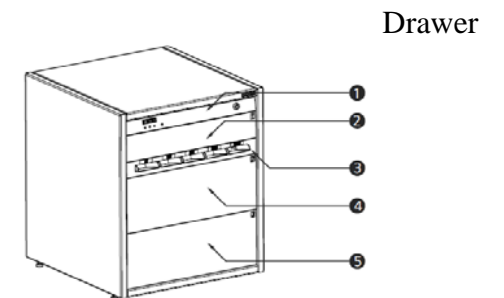
#### Picture 1

1.

of the control unit;

2.

drawer (No.1)\* — drawer for current storage of cash and valuables within



the working place limit and for storage of cash for change.

- drawer is equipped with a tray for banknotes and coins; The
- 3. receipt of cash of five nominal values for custody; Panel of
- 4. Working drawer (**No.2**)\* — drawer for custody of cash of five nominal values with an inside drawer for money;
- 5. drawer (**No.3**)\* — drawer for storage of valuables, cash-in-transit bag or Working second drawer for money.

\* — If requested by the customer, drawers **1**, **2** and **3** may be equipped with different types of cash trays for storage of cash, cheques, etc.



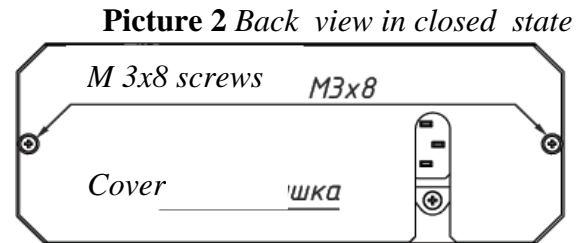
## USE OF THE DEVICE

### **i** THE DEVICE CAN BE FIXED TO THE FLOOR WITH AN ANCHOR BOLT

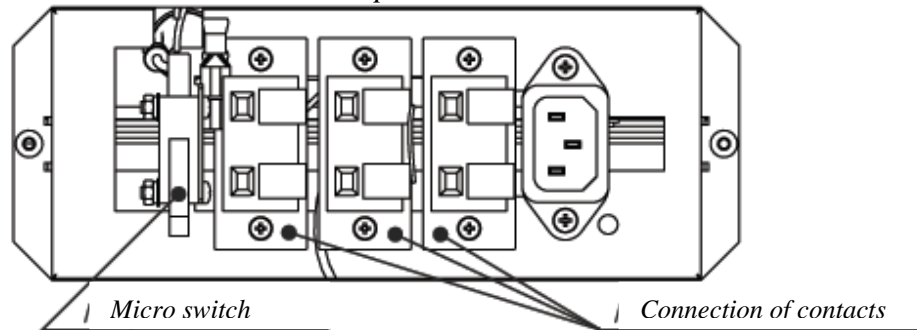
#### Preparation for Use

The device is fixed at a tray and disconnected from electric network. Before the start of work follow this clause.

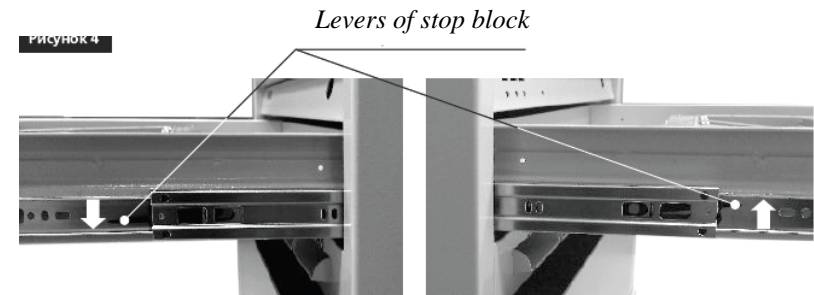
1. Unscrew two **M3x8** screws of the cover at the cash point back wall with a screwdriver (**Fig. 2**). Remove the back cover (**Fig. 2**) — inside you will find keys for activation of the cash point. Connect power cable to the cash point, place the cover back and fix it.



**Picture 3** Back view with an opened cover

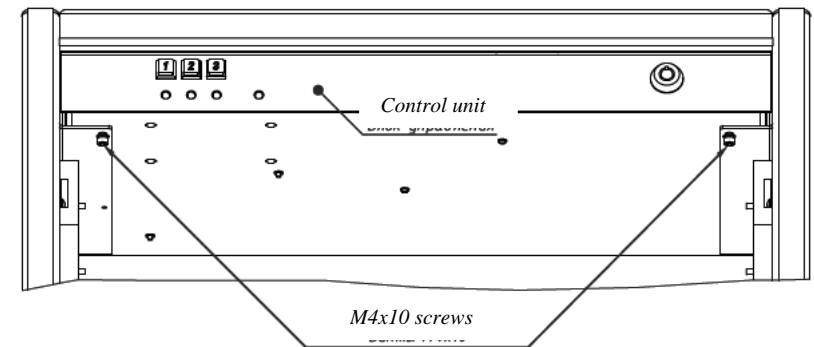


**Picture 4**



Unscrew **M4x10** screws in the bottom part of the control unit (**Fig. 4a**). Open the drawer of the control unit; it contains a table with instructions on adjustment of time of delay in opening of each drawer. Disconnect the cash point from electric network having switched the cash point off with the activation key.


**Picture 4a**




3. To unfix the cash point from the tray it is necessary to pull away drawer **3** completely as shown in **Fig. 4**. Unfix the cash point from the tray with “10” allen wrench (unscrew

2. Connect the cash point to power (**Fig. 3**) and activate it with the activation key. Open drawer **No.1** ("**2**" in **Fig. 1**) under the control unit ("**1**" in **Fig. 1**) by pressing corresponding button **1** and take it away. To do this draw drawer **1** it as far as it will go. At the both sides you will see levers of stop block. Push one lever up and one lever down as shown by arrows in **Fig. 4** and pull the drawer until the guides completely jump out.
4. Following instruction of the table near the control unit (**Fig. 5**) set the time of delay in opening (temporary delay) for each of **No.1, 2** and **3** drawers. Note that the device must be disconnected from electric network.

**Picture 5**

“Drawer” switch		“Service” switch	
Switch	Delay	Switch	Mode
0000	0 sec.	0000	working
0001	3 sec.	0001	service
0010	30 sec.		
0011	1 min.		
0100	2 min.		
0101	3 min.		
0110	4 min.		
0111	5 min.		
1000	6 min.		
1001	7 min.		
1010	8 min.		
1011	10 min.		
1100	15 min.		
1101	20 min.	“1” “0”	
1110	25 min.		
1111	30 min.		



drawer 1

drawer 2

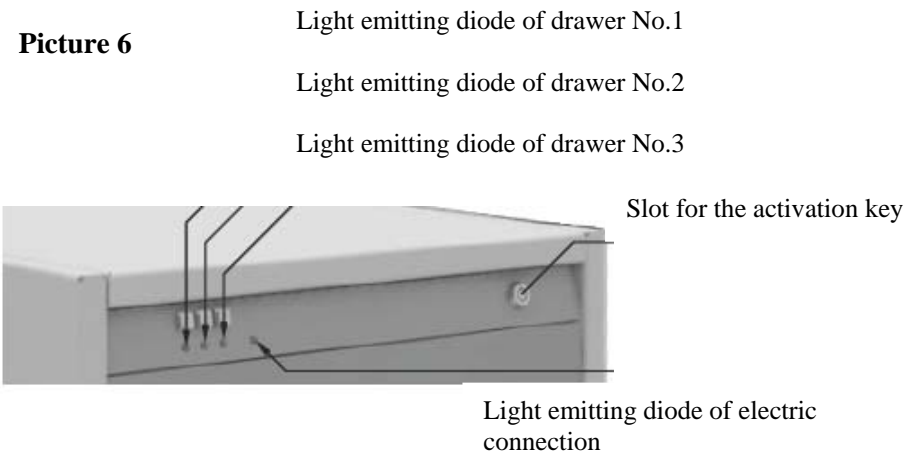
drawer 3

**⚠ ATTENTION! ADJUST THE SETTINGS OF TIME DELAY AND BLOCKING WHEN THE DEVICE IS UNPLUGGED.**

5. To adjust the time delay do the following:
- a. Disconnect the cash point from electric network;
  - b. Put the micro switches in accordance with table in **Fig. 5** into positions corresponding

The distance from the wall shall not exceed 30 cm.

- b. The cash point must be fixed on a concrete floor with an anchor joint (anchor bolts D 8 mm). Then connect the cash point to the network.



### Operational Procedure

1. The operation is started by turning the activation key into an **ON** position. The light emitting diode of electric connection should get green (if the cash point is not blocked).
2. To open the first drawer press button **1**. The light emitting diode of drawer **1** will start flashing green while the light emitting diode of electric connection will illuminate continuously. After the established term drawer **1** will open and the light emitting diode will go

- to the necessary time delay;
- c. Place the control unit drawer into the initial position, screw M4x10 screws at the bottom of the control unit (**Fig. 4a**), place and close drawer **1**.
  - d. Insert the key for the cash point activation into a slot at the front panel of the control unit drawer. This will be an **OFF** position.
  - e. Place the back cover back and fix it; if there is no fixed back cover the cash point will be blocked.
- 6.** After the settings of the cash point are adjusted it must be mounted in the place of use.
- a. The cash point is mounted with its back part placed to the wall.

- off.
- 3.** To open the second drawer press button **2**. The light emitting diode of drawer **2** will start flashing green while the light emitting diode of electric connection will illuminate continuously. After the established term drawer **2** will open and the light emitting diode will go off. Repeat for the third drawer using button **3**. Open the cover of the money drawer with a key and place the cover in the back part of the drawer.
  - 4.** Close the drawers overcoming the spring force so that the locks close.
  - 5.** To terminate operation turn the activation key into an **OFF** position. Take the key from the slot. Disconnect the cash point from 200 V network.

#### **Blocking**

 **ATTENTION! ADJUST THE TEMPORARY DELAY AND BLOCKING ONLY WHEN THE DEVICE IS UNPLUGGED**

**SPECIFICATION**

1. Connection to alarm button is made through normally-closed contacts. When the alarm button is pressed or the back cover removed all the drawers are blocked for 30 minutes, but if the key is taken away the cash point is not blocked. In case of any emergency power interruption and renewal the device blocks opening of the cash point drawers for 30 minutes.
2. Connection to alarm button is made through a terminal block at the back wall of the cash point under the cover.
3. The light emitting diodes flashing red indicates that the cash point is blocked for 30 minutes.

**Indication**

Corresponding light emitting diode flashes green at regular intervals if the button for waiting of the drawer opening is pressed.

Corresponding light emitting diode flashes red if the cash point is blocked. It flashes red and green by turns if the cash point is blocked and the button was pressed.

**The red light** of the light emitting diode shows that the cash point and/or the drawers are blocked.

**The green light** of the light emitting diode flashes shows major operations with the cash point. See the below **Table No.1** which describes performance of the light emitting diodes depending on condition of the cash point and/or drawers.

**Table No.1**

Condition	Light emitting diode of electric connection	Light emitting diode of the drawer

No. of drawers.....	3 pcs.
No. of nominal values for custody.....	5 pcs.
Temporary delay.....	from 0 to 30 min.
Type of locks.....	Electric mechanical.
Tray for banknotes and coins.....	Yes
Drawer for money.....	Yes
Integration into security alarm system.....	Yes
Indication.....	Two-colour
Thickness of the front panel.....	5 mm
Remote monitoring and control.....	Ethernet, optional
Activation type.....	With a key
Consumed power, not more than.....	100 W
Power.....	~220 V, 50 Hz
Coating type.....	Powder

Normal, waiting, the drawer closed	Constantly illuminates green	Does not illuminate
Command for a drawer opening	Constantly illuminates green	Flashes green
Lock opening	Constantly illuminates green	Flashes green
TK - time out after blocking	Flashes red	Flashes red
Any blocking of the cash point, including remote blocking	Constantly illuminates red	Flashes red

Height.....	595
mm	
Width.....	525
mm	
Depth.....	535
mm	
Weight without package.....	85
kg	
Weight with package.....	85
kg	
Burglary sustainment class.....	0 acc. to GOST R 50862-2005 (sec. 5); GOST R 51113-97 (sec. 4); GOST R 52437-2005 (c. 5.2.1).

### **TRANSPORTATION AND STORAGE**

The device must be stored and transported in the original package by marine (in containers), railway (in closed carriages), air (in sealed baggage or cargo compartment) and automobile (in closed body or container under a water-proof tent by paved public roads) transport at the temperature from -40°C to +50°C, relative air humidity not exceeding 95% (at 25°C) and atmospheric pressure from 84 to 107 kPa (from 630 mm Hg to 800 mm Hg) without condensation of moisture.

## SUPPORT AND WARRANTY

**DORS** products supplied to a specific country are manufactured taking into account conditions of use in this country.

To make sure please check whether the device and package contain official compliance marks.

If there are any problems with the cash point, please seek assistance from **DORS** authorised service centres (ASC), addresses and telephones of which are specified below and at [www.dors.com](http://www.dors.com).

For the avoidance of misunderstanding please read the rules and terms of use, transportation and storage of the cash point and terms of warranty thoroughly and check whether the warranty card is filled in correctly. The warranty card shall be effective only if it contains clear and correct model and serial number of the cash point, date of sale, clear seals of the seller and signature of the buyer. The serial number and model of the cash point shall correspond to those specified in the warranty card.

If failing to fulfil these terms or in case the data specified in the warranty card are changed, deleted or corrected the warranty card shall be deemed invalid. In this case we recommend that you get a new warranty card complying with the above requirements from the seller or provide sales and cash receipts or other documents certifying the fact and date of the cash point sale. If the date of sale cannot be determined, the warranty period, subject to the Russian laws on consumer protection, shall be deemed starting from the date of the cash point manufacturing.

All warranty terms comply with the laws on consumer protection and are regulated by the laws of the county where they are granted. Please note, that **DORS** reserves the right to deny warranty maintenance in case of failure to fulfil the following terms.

### Warranty Terms

1. The Manufacturer's warranty provided by authorised service centres of the Manufacturer shall apply only to models intended by **DORS** for supply and sale in CIS countries, purchased in CIS countries and certified for compliance with standards of the country where warranty maintenance is granted.
2. As established by the Manufacturer, the warranty period shall start on the date of the cash point sale and last 12 months in case these terms are complied with.
3. The warranty shall not apply to the below accessories if their replacement is provided for by the construction and does not require disassembly of the cash point:
  - a. Network cable;
  - b. User manual.
4. The manufacturer shall bear no liability in the following cases:
  - a. If the cash point was used for purposes other than the intended ones;
  - b. In case of failure to comply with the rules and terms of use and/or mounting of the cash point specified in the User Manual;
  - c. If there are signs of amateur repair at the cash point;
  - d. If the defect is caused by changes of the cash point original construction or scheme not designed by the Manufacturer.
  - e. If the defect is caused by force majeure, accidents, intended or negligent actions (omissions) of the user or third parties;
  - f. If there are damages caused by external objects, substances, liquids or insects getting inside the cash point.

5. warranty shall not apply to the following defect of the cash point:
- a. damages inflicted after transfer of the cash point to the customer;
  - b. due to using power, telecommunication and/or cable networks not complying with standard parameters and other similar external factors.
6. shall not be liable for possible damage, directly or indirectly inflicted by the **DORS** products, to people, pets and/or property in case it was caused by failure to comply with the rules and terms of use and/or mounting of the cash point, intended or negligent actions (omissions) of the user or third parties and/or force majeure.

The

mechanical

damages

**DORS**

**FOR NOTES**

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**8 383 210-55-71,**  
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 Optima business centre, office 27  
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**FOR NOTES**