

KA12-1
Cashdrawer

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Introduction

The KA12-1 compact cash drawer is distinguished by a combination of a small footprint and a large capacity. Thus, it harmonizes with the new generation of POS systems, which are likewise characterized by their small space requirement. The KA12-1 offers sophisticated operation and a high standard of security.

The cash drawer opens as far as the coin compartment area. It can then be pulled out manually as far as it is necessary for working. It is mounted on rolls and thus moves extremely smoothly.

The cash trays can be completely removed from the cash drawer and optionally be equipped with a lockable cover. It can then be used as a safe.

The KA12-1 compact cash drawer can be connected directly to the cash drawer interfaces of the BEETLE system family and to the THxxx printers.



Advantages at a Glance

- Drawer opens in forward direction
- Small space requirement
- Large capacity
- Adjustable money compartments
- Separate check slot
- Drawer can also be used as a safe
- Security lock
- Security cover (option)

Setting up the Compact Cash Drawer

The cash drawer should be bolted tightly to the checkout desk beforehand, to prevent it from falling over when it is opened. The cashier table must be on a flat level surface.

The Cash Trays

The cash tray at the front is arranged in two layers. There are eight coin trays on the top layer. Behind these is a tray with four (optionally five) adjustable bank note compartments.



The bottom layer of the front coin tray contains a compartment for checks. The checks can be easily deposited through a slot in the front cover into the compartment without opening the drawer.



Removing the Cash Trays from the Drawer

To remove the cash trays from the drawer open the cash drawer to the front as far as it will go.

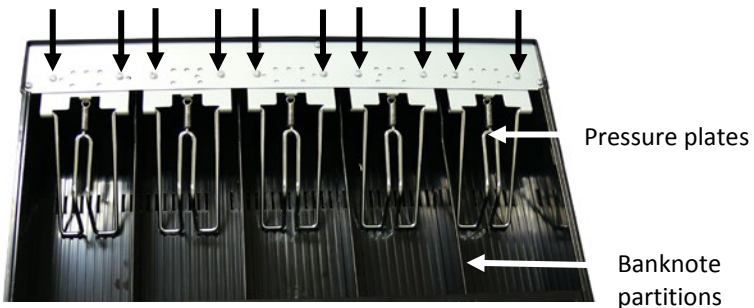
Pull out the cash trays to the top.



Replacing the Pressure Plates and Adjusting the Banknote Partitions

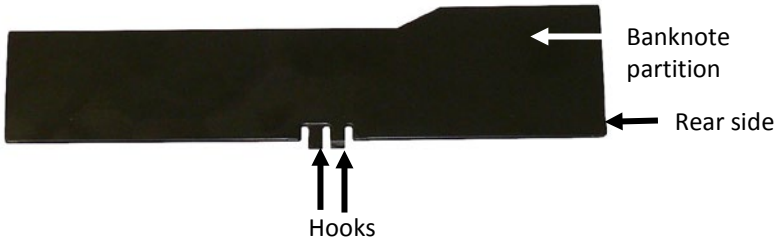
The cash drawer can be arranged with four or five banknote compartments.

Unscrew all pressure plates for further rearrangement.



Remove the banknote partitions.

The banknote partitions are fixed with two flexible hooks at the bottom. Disengage them upwards and remove the partitions.

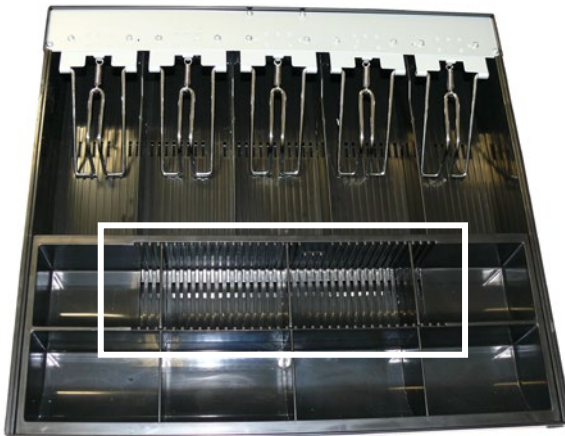


Rearrange the pressure plates. Fix the plates with the screws previously removed.

Insert the banknote partitions according to the new width of the compartments. The banknote partitions must be fixed at the bottom with two flexible hooks. Press the partitions gently down to lock them in.

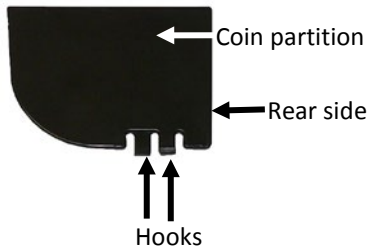
Adjusting the Coin Trays

The area of the coin trays (pictured) can be customized.



Remove the correspondent coin partitions.

The coin partitions are fixed by two flexible hooks at the bottom.
Disengage them upwards and remove the partitions.



Insert the coin partitions according to the new width of the compartments.
The coin partitions must be fixed at the bottom with two flexible hooks.
Press the partitions gently down to lock them in.

Inserting the Cash Trays into the Drawer

To insert the cash trays into the drawer open the cash drawer to the front as far as it will go.

Insert the cash trays downwards behind the front side.

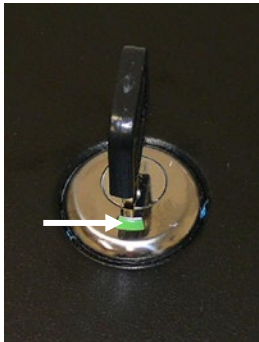
Security Cover (option)

The cash trays can be locked with a security cover after they have been removed.

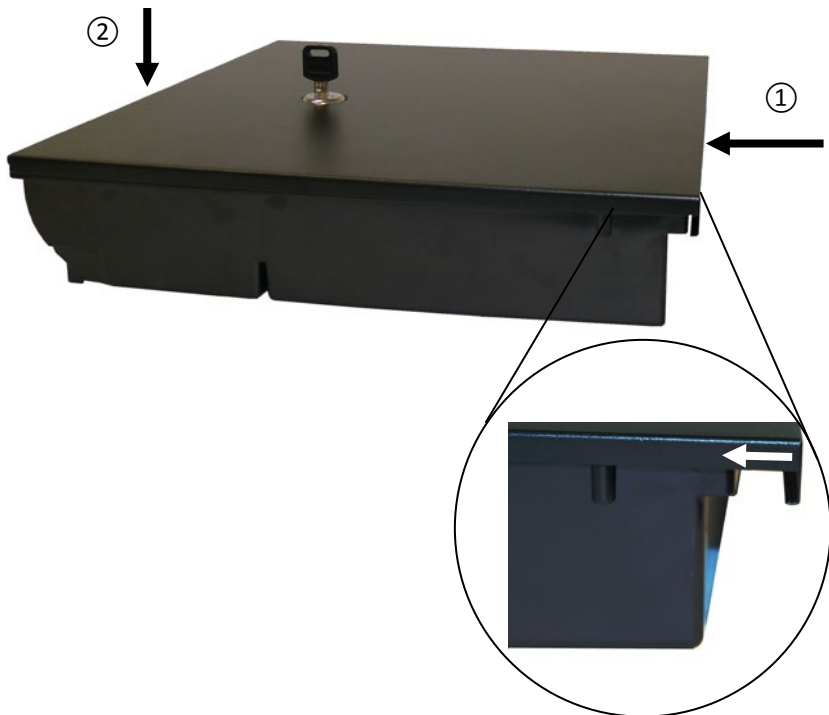


Cash tray locked with a security cover

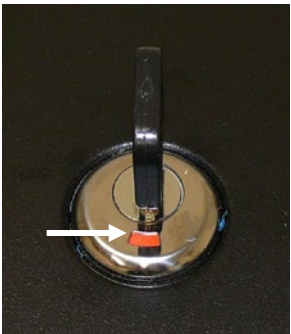
To mount the cover turn the key of the security cover to the position „green“.



Guide the security cover with the rear u-shaped rabbet under the protrusion of the cash tray (1). Flap the cover downwards until it sits flush with the cash tray (2).

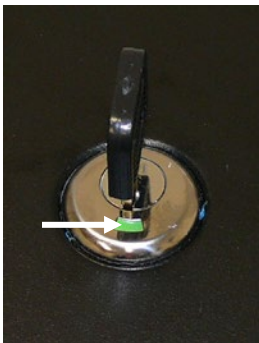


To lock the cover turn the key of the security cover to the position „red“.



Removing the Security Cover

For removing the cover turn the key of the security cover to the position „green“.



Slightly lift the cover on the front side(1) and move the cover with the rear rabbet backwards over the protrusion of the cash tray (2).



The key for the security cover and the key for the front of the cash drawer are not identical.

Activating the KA12-1

For the cash drawer of your POS system to be put into service, the configuration software must log it into the POS system. The cash drawer can be opened either via the application software or via the lock in the front panel.

Connection System

On the bottom of the KA12-1 you will find a RJ12 jack (see arrow), which is used to connect the drawer to the POS system or the THxxx printer. The cashdrawer is supplied with power via this jack.

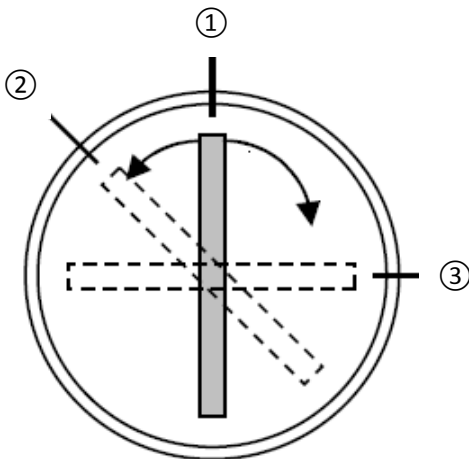


Key Positions



The following key positions are possible:

- 1 Key position in which the cash drawer can be opened electrically
- 2 Key position for the manual emergency opening
- 3 Locking position

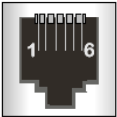


Technical Data

Size	410 (W) *425 (D) * 114(H) mm
Weight	Approx. 6.8 kg
Money compartments	4 (optional 5) Bill / 8 Coin
Drawer opening method	Solenoid release method and manual opening
Solenoid specification	Rated voltage DC24V \pm 2V, 80~120 ms Coil resistance 24 Ohm \pm 10% Rated current max. 1.0A
Connector type	RJ12
Operating temperature	-5 °C to 50 °C, max. 80% RH
Storage temperature	-25 °C to 65 °C, max. 90% RH
Relative humidity	10% to 90% RH (no condensation)
Cable	1.5m

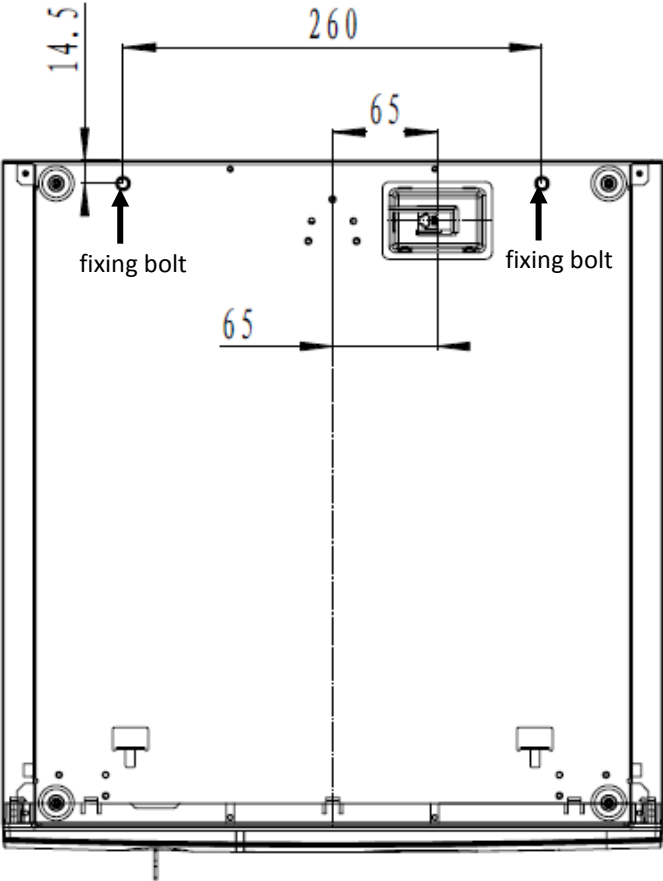
PIN Assignment of the RJ12 Connector

PIN	Description
1	Frame ground
2	Opening pulse for cash drawer
3	Status cash drawer
4	+24V DC
5	N.C.
6	Signal ground



All measurements in mm.

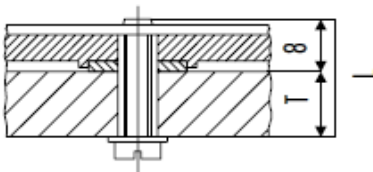
10 |



For safety reasons, the KA12-1 cash drawer should be secured to the checkout desk as otherwise there is a danger of drawer tipping over when the drawer is open. The checkout desk must be level and horizontal. The securing screws must not exceed the specified length in order to ensure trouble-free operation of the cash drawer!

The drawer is secured at two bore holes

- 1) Mark the required bore hole points on the checkout desk.
- 2) Use a drill bit of diameter 6 mm for the bore holes through the checkout desk
- 3) The cash drawer is secured from below and through the checkout desk. M6 screws of length L are required for the bore holes at two positions, whereby $L = \text{desk thickness (T)} + 8 \text{ mm}$ (pictured).



Fixing bolts for these screws can be found at the cash drawer. When screwed in, the screws must not protrude, so that they do not scrape on the cash insert. If necessary, use washers to prevent the screws protruding.

Manufacturer's Declaration And Approval

General Authorization



The KA12-1 complies with the requirements of the EC directives 2004/108/EC with regard to “Electromagnetic compatibility” and RoHS directive 2011/65/EU.

Therefore, you will find the CE mark on the device or packaging.

FCC-Class A Declaration

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Modifications not authorized by the manufacturer may void users authority to operate this device.

This class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

General Maintenance



Be sure to disconnect the power cord of the POS terminal prior to performing any maintenance.

Do not pour water directly onto the drawer, as this may cause fire.

Never use a solvent like thinners or benzene for cleaning. Using such solvents may discolour the cash drawer.

Wipe the cash drawer with a soft dry cloth or soft cloth slightly moistened with a mild detergent.

After using a detergent for cleaning, be sure to wipe it off with a slightly moistened cloth.

Precautions



First connect the signal cable with the cash drawer. Then connect it to the host system (BEETLE or printer).

Be careful not to catch your fingers in the drawer when opening and closing the drawer.

Never put your fingers into the Media slot!

Warranty

Wincor Nixdorf generally guarantees a warranty engagement of 12 months beginning with the date of delivery. This warranty engagement covers all those damages which occur despite a normal use of the product.

Damages because of

- improper or insufficient maintenance,
- improper use of the product or unauthorized modifications of the product,
- inadequate location or surroundings,

will not be covered by the warranty.

For further information of the stipulation look into your contract.

All parts of the product which are subject to wear and tear are not included in the warranty engagement.

Please order spare parts at the Wincor Nixdorf customer service.

Recycling

The cash drawer is manufactured without the use of CFCs and CCHS and is produced mainly from reusable components and materials.

The processed plastics can, for the most part, be recycled.

Even the precious metals can be recovered, thus saving energy and costly raw materials. Please do not stick labels onto plastic case parts. This would help us to re-use components and material.

There are still some parts that are not reusable. Wincor Nixdorf guarantees the environmentally safe disposal of these parts in a Recycling Centre, which is certified pursuant to ISO 9001 and ISO 14001.

Please contact your competent branch for information on how to return and re-use devices and disposable materials.

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