

NORIS



S-43

Electronic Cash Register

Manual

If you have any questions, please contact our POS service.

Phone: **+49 (0) 2324/6801-610**

E-Mail: **mail@noris-kassensysteme.de**

You can find the complete user manual online at:

www.noris-kassensysteme.de

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Notes on this Manual

In this chapter, you will find basic information on how to use this operating manual.

Representations

PREREQUISITE: This is a prerequisite.

- This is a bullet point

NOTE: This is an important note.

TIP: This is a tip that provides useful additional information.

- 1 This is the beginning of a set of instructions.
- 2 This is a subsequent step in a set of instructions.
 - ▶ This is the result of a set of instructions.

Markings

| Marking | Meaning |
|---|--|
| KEY | Representation of keys |
|  | Representation of menus |
| SIGNAL WORD! | Representation of signal words in warnings |
| 1 | Representation of position numbers in graphics |

Warnings



SIGNALWORT! Type of danger and, if applicable, consequences.

- Avoidance of danger.

Safety Instructions

The cash register is built according to the current state of technology and recognized safety standards. However, improper use can cause dangers to life and limb of the user or third parties, as well as damage to the cash register and other property. Protect yourself from physical injury when handling the cash register and follow these safety instructions:



WARNING! Risk of electric shock!

- Never open or repair the cash register or components yourself.
- Never touch exposed contacts with metallic objects.
- Never plug in or unplug the power supply with wet hands.



WARNING! Risk of choking! Keep away from children!

- Keep packaging and protective films away from children.
- Store the cash register and accessories out of the reach of children.



IMPORTANT! Use only original accessories.

- Only use manufacturer-approved accessories.



REGARDING THE MANUAL Failure to comply with the operating manual may lead to injuries and property damage.

- The operating manual must be carefully read and understood before performing any work.
- A prerequisite for safe operation is adherence to all specified safety instructions and guidelines in this operating manual.
- The operating manual is part of the cash register and must always be kept accessible near the cash register.
- Keep the operating manual and provide the cash register only with the operating manual and included accessories to third parties.



FOR SPECIFIC GROUPS OF PEOPLE If unqualified persons work on the cash register, this may lead to injuries and property damage.

- Repairs must only be carried out by qualified service technicians.
- Children and certain other groups with limited physical, sensory, or mental capabilities, as well as those lacking experience, may use this cash register only when supervised or when instructed about the resulting dangers.
- Children must not play with the cash register. Children must not clean or open the cash register unsupervised.



REGARDING POWER SUPPLY The cash register is powered by electricity, and there is a fundamental risk of electric shock.

- Never immerse the cash register in water or other liquids.
- Protect the cash register from rain and moisture.
- Do not place containers with liquids on the cash register.
- If liquids enter the cash register, unplug the power cord immediately and consult a local technician.
- Do not operate the cash register outdoors or in rooms with high humidity (>95%).
- Never touch the power plug with wet hands.

- When unplugging the power cord from the outlet, always pull directly on the plug. Do not pull on the cord, as it may be damaged. Never transport the product by the power cord.
- Ensure that the power cord is not kinked, pinched, or exposed to heat sources or sharp edges.
- Lay the power cord in such a way that no one can step on or trip over it.
- Never attempt to extend the power cord to create a connection. The power cord must always have enough slack.
- Turn off the cash register and unplug it before cleaning.
- Never insert objects into the openings of the cash register.
- Do not open any screwed-on covers of the cash register housing.
- Do not make any modifications to the cash register or its standalone parts or accessories.



REGARDING THE CONNECTION OF EXTERNAL COMPONENTS Improper connection of external components can result in damage and data loss.

- Noris Kassensysteme GmbH recommends using only original or approved accessories or components from Noris Kassensysteme GmbH.
- Turn off the cash register before connecting or disconnecting external devices.
- Note the maximum permissible cable length of 3 m for USB cables when connecting external components.



REGARDING ELECTROMAGNETIC COMPATIBILITY The cash register complies with EMC Class A standards. The electromagnetic compatibility of the cash register is within the specified limits for emissions and interference resistance. However, disruptions may still occur.

- Use only shielded cables and connectors to connect external devices.
- When connecting the cash register to other devices, accessories, or components in a cash register system, the entire system, including its devices, accessories, and components, must conform to EMC guidelines and standards.
- Ensuring compliance with EMC guidelines and national EMC laws for installed cash register systems, system accessories, and components not provided, tested, and approved by Noris Kassensysteme GmbH is the responsibility of the user.



REGARDING INSTALLATION LOCATION Improper placement of the cash register may result in injuries or property damage.

- Use the cash register exclusively indoors.
- Only use the cash register within an ambient temperature range of 0 °C to 45 °C.
- Avoid installing the cash register in locations with extreme temperatures, temperature fluctuations, heating or cooling sources, direct sunlight, excessive humidity (>95%), vibrations, or shocks.
- Do not place the cash register near devices that cause electrical interference or voltage spikes. This applies to devices with high electromagnetic emissions.



IF THE PRODUCT IS DEFECTIVE Using a defective cash register can result in injuries and property damage.

- Only use the cash register in a technically flawless condition and operate it properly, safely, and responsibly in accordance with this operating manual.
- Address any malfunctions that could compromise safety immediately.
- Return defective cash registers to a professional repair service. Do not attempt to repair the cash register yourself.



FOR DATA BACKUP Loss of cash register data can occur during storage.

- Regularly back up your cash register data to an external storage medium.
- Turn off the cash register exclusively using the designated power switch. Do not turn off the cash register by interrupting the power supply (e.g., unplugging the power cord or turning off the power strip that supplies the cash register).

Notes on data security



IMPORTANT! When uninstalling the cash register app or due to technical hardware errors, all data and settings stored in the cash register may be lost! Lost data cannot be recovered!

- To secure your fiscal data, connect an external storage medium to the cash register, or use the Delta-A Cloud for data backup.
- Regularly back up your cash register data.
- Check your data backups regularly for completeness.
- Turn off the cash register only using the on/off button. Do not turn off the cash register by interrupting the power supply (e.g., unplugging the power cord or turning off the power strip that supplies the cash register).

Additional Notes

Observe the following when operating your cash register:

- The descriptions in this quick guide are based on the factory settings of your cash register.
- Manual changes to the Android™ operating system may result in damage to the cash register. In this case, the warranty provided by Noris Kassensysteme GmbH will be void.

Delta Cloud Office (DCO)

The DCO software is used for business management. By using the DCO, it is possible to keep an eye on master data and retrieve real-time reports. Additional features can be unlocked through module expansions.

For more information about DCO software, please contact:

| | |
|---|-------------------------------|
|  | +49 (0) 7032 289 065 0 |
|  | info@delta-ac.de |
|  | www.delta-ac.de |



GoBD & TSE Data Storage

The cloud solution for fully automatic, tax-compliant storage of your cash register data.

GOBD DX
Über DE Abmelden DELTA-A

K100 x

Kasse 1 x

2024 x

Alle x

NEU LADEN

EXPORTIEREN

| ID | Datum | field1 | field2 | field3 | field4 | field5 | field6 | field7 | field8 | field9 | field10 | field11 | field... | field13 | field14 | field15 | field16 | field17 | field18 | field19 | field20 | field21 | field22 | field23 | fie... |
|-----|---------------------|--------|--------|--------|--------|--------|-------------|---------|--------|---------------------------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 121 | 2024-05-10 18:08:01 | 4 | | | 0 | 2 | TRANSACTION | LINE | 38 | Kleine Flasche Sekt | 1.0 | 3.7815 | 0.0 | | | | 19.0 | 3.7815 | 4.5 | | | | | | | | | | | | |
| 121 | 2024-07-25 10:21:44 | | | | 0 | 1 | IMPORT | ARTICLE | 80 | Wilthner Goldkrone 2cl | | | | | | | | 1 | | | | | | | | | | | | 12 | |
| 122 | 2024-05-10 18:08:01 | 4 | | | 0 | 2 | TRANSACTION | TOTAL | 1 | Cash | 1.0 | 4.5 | | | | | | | | | | | | | | | | | | | |
| 122 | 2024-07-25 10:21:44 | | | | 0 | 1 | IMPORT | ARTICLE | 81 | Feiner Alter Wilthner 2cl | | | | | | | | 1 | | | | | | | | | | | | 12 | |
| 123 | 2024-05-10 18:08:29 | 5 | | | 0 | 2 | TRANSACTION | LINE | 14 | Nuggets 12er | 1.0 | 5.1402 | 0.0 | | 7.0 | | 5.1402 | 5.5 | | | | | | | | | | | | | |
| 123 | 2024-07-25 10:21:44 | | | | 0 | 1 | IMPORT | ARTICLE | 82 | Mariacron 2cl | | | | | | | | 1 | | | | | | | | | | | | 12 | |
| 124 | 2024-05-10 18:08:29 | 5 | | | 0 | 2 | TRANSACTION | TOTAL | 1 | Cash | 1.0 | 5.5 | | | | | | | | | | | | | | | | | | | |
| 124 | 2024-07-25 10:21:44 | | | | 0 | 1 | IMPORT | ARTICLE | 83 | Remy Martin 2cl | | | | | | | | 1 | | | | | | | | | | | | 12 | |
| 125 | 2024-05-10 18:09:01 | 6 | | | 0 | 2 | TRANSACTION | LINE | 1 | Hamburger | 1.0 | 2.5234 | 0.0 | | 7.0 | | 2.5234 | 2.7 | | | | | | | | | | | | | |
| 125 | 2024-07-25 10:21:44 | | | | 0 | 1 | IMPORT | ARTICLE | 84 | Chantré 2cl | | | | | | | | 1 | | | | | | | | | | | | 12 | |
| 126 | 2024-05-10 18:09:01 | 6 | | | 0 | 2 | TRANSACTION | LINE | 5 | Junior Star | 1.0 | 2.9907 | 0.0 | | 7.0 | | 2.9907 | 3.2 | | | | | | | | | | | | | |
| 126 | 2024-07-25 10:21:44 | | | | 0 | 1 | IMPORT | ARTICLE | 85 | Calvados 2cl | | | | | | | | 1 | | | | | | | | | | | | 12 | |

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The fast and simple cloud solution. Minimize your personal risk with automated processes.

DATEV and Online Cash Book

Each transaction must be assigned a receipt. Using the online cash book, receipts for each deposit or withdrawal can be uploaded. The online cash book is a web-based application.



| Bezeichnung | Kommentar | Datum | Uhrzeit | Belegdatum | Belegzeit | Filiale | Kasse | Kos. | Kos. | Betrag | Unterlagen |
|--------------------|-----------|------------|----------|------------|-----------|---------|---------|------|------|------------|------------|
| Total: 17.737,03 € | | | | | | | | | | | |
| Bar | Bar | 2024-08-05 | 12:19:14 | 2024-08-05 | 12:19:14 | K100 | Kasse 1 | | | 21,20 € | |
| Bar | Bar | 2024-08-05 | 12:08:00 | 2024-08-05 | 12:08:00 | K100 | Kasse 1 | | | 160,90 € | |
| Bar | Bar | 2024-08-04 | 12:07:58 | 2024-08-04 | 12:07:58 | K100 | Kasse 1 | | | 1.125,90 € | |
| Bar | Bar | 2024-08-03 | 12:07:57 | 2024-08-03 | 12:07:57 | K100 | Kasse 1 | | | 605,70 € | |
| Bar | Bar | 2024-08-02 | 12:07:56 | 2024-08-02 | 12:07:56 | K100 | Kasse 1 | | | 14,50 € | |
| Bar | Bar | 2024-08-01 | 12:07:54 | 2024-08-01 | 12:07:54 | K100 | Kasse 1 | | | 438,60 € | |
| Bar | Bar | 2024-07-31 | 12:07:52 | 2024-07-31 | 12:07:52 | K100 | Kasse 1 | | | 529,50 € | |
| Bar | Bar | 2024-07-30 | 12:07:51 | 2024-07-30 | 12:07:51 | K100 | Kasse 1 | | | 511,20 € | |
| Bar | Bar | 2024-07-29 | 14:30:29 | 2024-07-29 | 14:30:29 | K100 | Kasse 1 | | | 91,00 € | |
| Bar | Bar | 2024-07-29 | 14:20:03 | 2024-07-29 | 14:20:03 | K100 | Kasse 1 | | | 1.020,33 € | |
| Bar | Bar | 2024-07-29 | 14:04:07 | 2024-07-29 | 14:04:07 | K100 | Kasse 1 | | | 414,40 € | |

You can export your invoice and cash register data in DATEV format. This allows you to avoid manually submitting receipts. It is possible to create access for your tax consultant.

Intended Use

The S-43 cash register – hereinafter referred to as the cash register – is a data capture device designed for the sale of goods and/or services.

The cash register is used to process payment transactions, which can be made with cash or cashless methods. The completed transactions are recorded by the cash register and visualized through reports and receipts.

Through the interfaces of the cash register, you can connect a cash drawer and various peripheral devices (scanners, displays) to the cash register.

Any other use is considered improper. Unauthorized modifications or alterations are not permitted and will void the warranty. Do not attempt any repairs on your own.



The user manual is part of this device. It contains important information regarding safety, use, and disposal. Before using the product, familiarize yourself with all operating and safety instructions.

Use the product only as described and for the specified purposes. When transferring the product to third parties, provide all documentation along with it.

Accessories

Use only original accessories from Noris Kassensysteme GmbH with the cash register. Use only TSEs approved by Noris Kassensysteme GmbH.

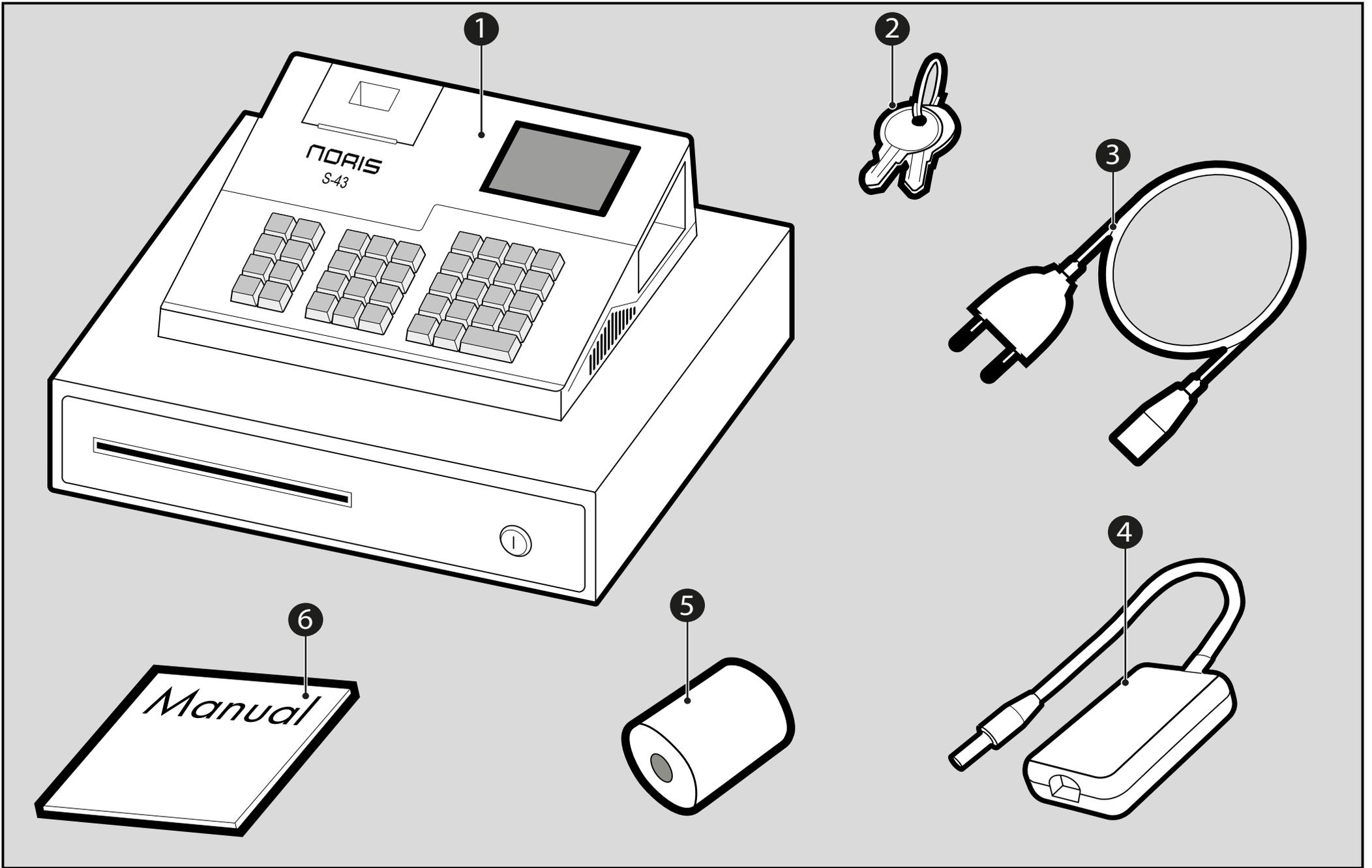
Four different optional cash drawers are available (see Chapter “Technical Specifications” on page 73).

Scope of Delivery

NOTE: The TSE stick is not included in the S-43 cash register’s scope of delivery.

Check the scope of delivery before commissioning the cash register. Should any items be missing or damaged, please contact our service team.

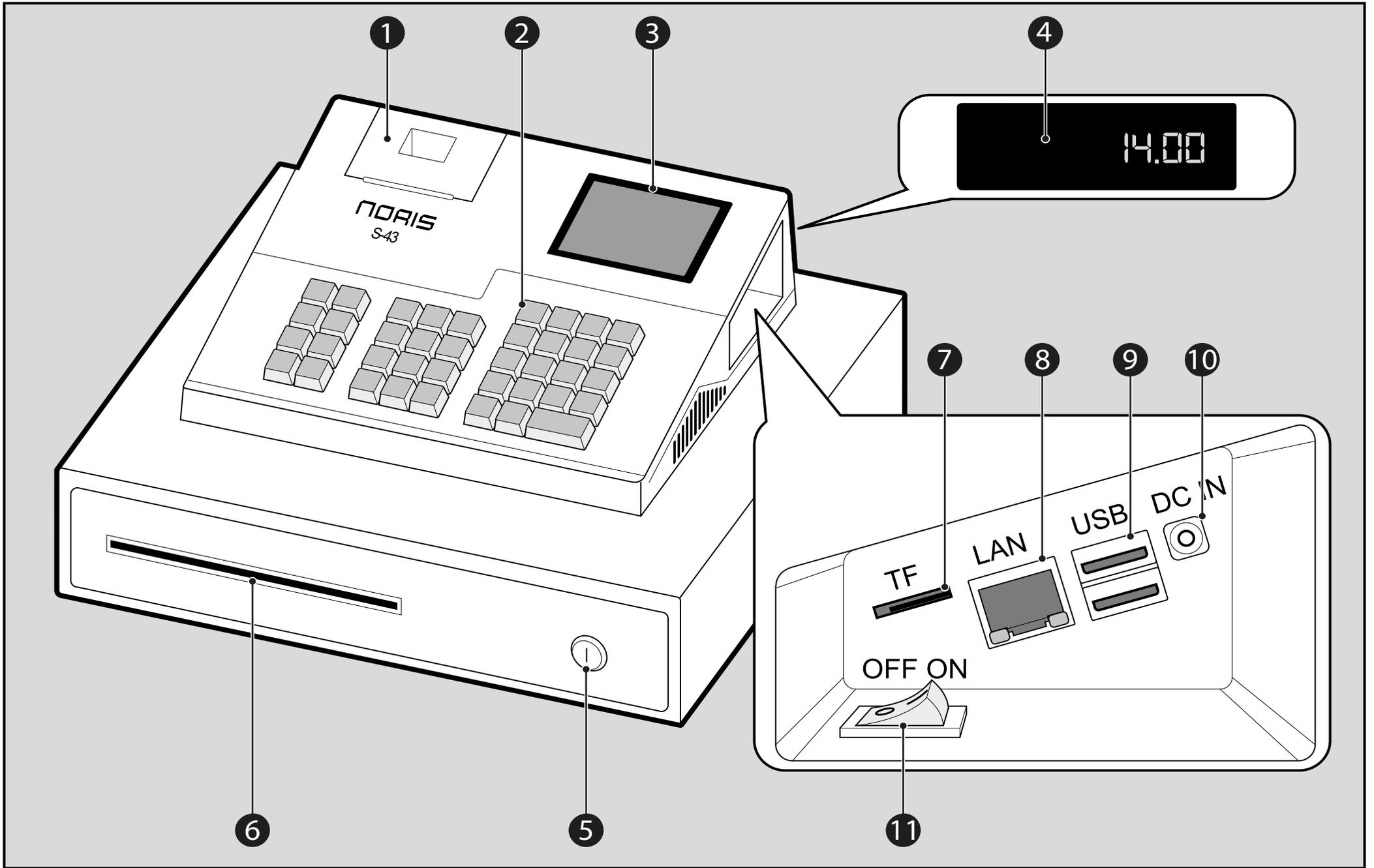
- 1 Cash Register S-43
- 2 Key for cash drawer
- 3 Power cable
- 4 Power adapter
- 5 Paper roll (Width: 57 mm, Diameter: max. 50 mm)
- 6 Quick Start Guide



Overview

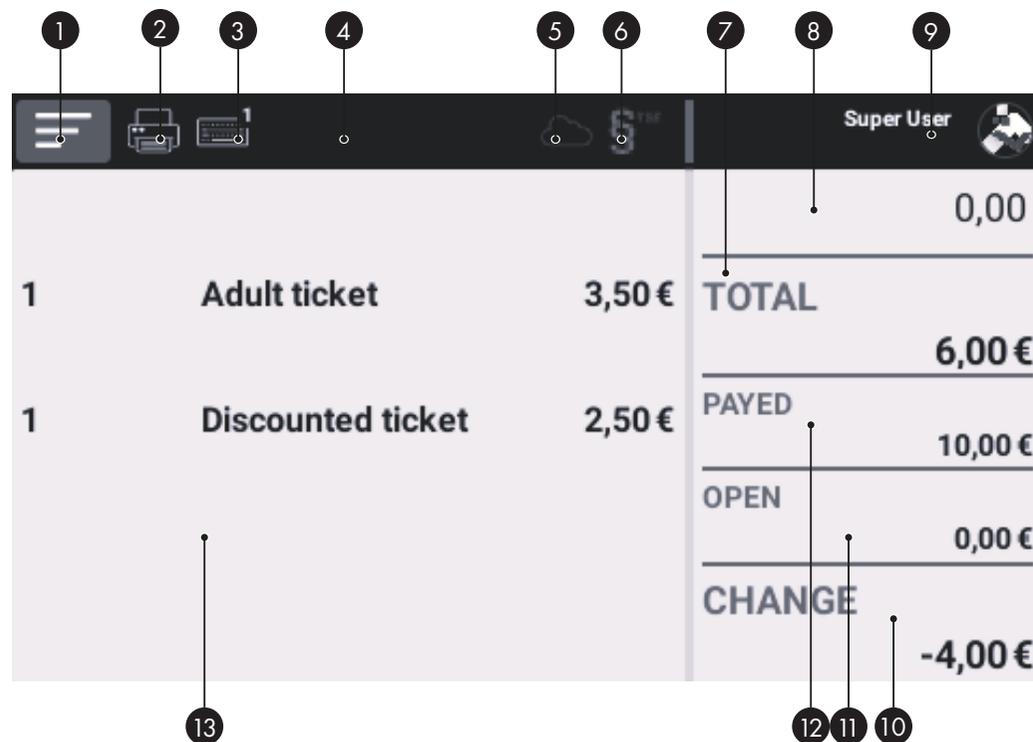
The adjacent illustration shows the cash register in detail. Familiarize yourself with all operating elements before commissioning the cash register.

- 1 Receipt printer
- 2 Keyboard
- 3 Operator display
- 4 Customer display
- 5 Functional lock for cash drawer
- 6 Compartment for receipts, checks, delivery notes, etc.
- 7 MicroSD card slot
- 8 LAN connection
- 9 USB ports
- 10 Power supply
- 11 On/Off toggle switch



Operator Display

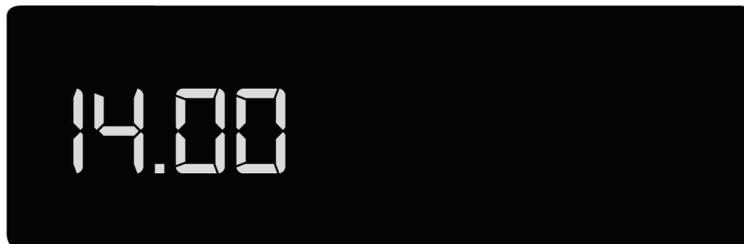
The operator display shows all information about a transaction as well as the current status information of the cash register.



- 1 Menu
- 2 Printer icon: white = on, red = off
- 3 Keyboard display
- 4 Status bar
- 5 Cloud usage: red = inactive, green = active
- 6 TSE: red = not initialized, white = initialized
- 7 Total amount
- 8 Custom inputs
- 9 Logged-in operator
- 10 Change (only when a given amount is entered)
- 11 Outstanding amount
- 12 Given amount (only when a given amount is entered)
- 13 Item overview

Customer Display

The customer display allows the customer to follow the current registration and the amount to be paid.

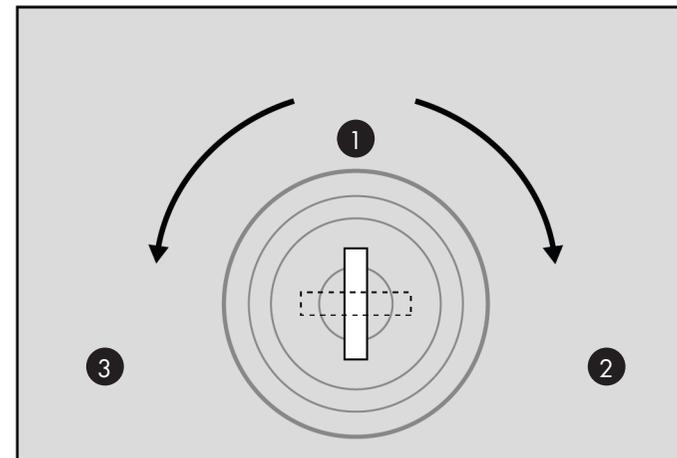


Receipt Printer

The cash register is equipped with a thermal printer for printing receipts. The thermal printer does not require ribbons or ink cartridges. The average lifespan of the printer is approximately 5 million printed lines.

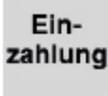
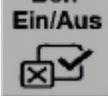
Functional Lock for Cash Drawer

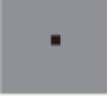
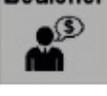
The functional lock is used to configure the automatic opening of the cash drawer.



- 1 Automatically open the cash drawer
- 2 Lock the cash drawer to prevent opening.
- 3 Manually open the cash drawer.

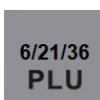
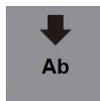
Keys

| KEY | DESCRIPTION/FUNCTION |
|--|--|
|  Bon-Vorschub | Advance receipt paper |
|  Ein-zahlung | Perform deposits |
|  Aus-zahlung | Perform withdrawals |
|  CLR | Clear display; delete characters during input |
|  Bon Ein/Aus | Enable/disable receipt printing |
|  Bon-storno | Cancel a receipt |
|  Storno | Cancel the last registered item |
|  Retour | Register the return of an item |

| KEY | DESCRIPTION/FUNCTION |
|---|--|
|  0 | Enter numbers 0 to 9 and 00. In inputs: enter digits and letters |
|  | Enter a decimal point |
|  PLU | Assign PLUs. Enter a number + PLU to assign a PLU number that has no physical key on the keyboard |
|  Tastatur Ebene | Switch keyboard levels |
|  1/7/13 PLU | Direct selection keys for items |
|  X | Register multiple items of the same product |
|  Rabatt | Apply a discount |
|  Bediener | Log operators in or out |

| KEY | DESCRIPTION/FUNCTION |
|--|--|
|  | Correct the payment method |
|  | Open the cash drawer without a transaction; in inputs: enter the hash (#) symbol |
|  | Calculate the subtotal, print a receipt copy or subsequent receipt, For discounts: Apply discount to the total amount In inputs: Switch between digits, uppercase, and lowercase letters |
|  | Access the menu |
|  | In the operator display: Navigate to a previous transaction; in inputs: Move one field up |
|  | In the operator display: Navigate to a next transaction; in inputs: Move one field down |
|  | Complete the current transaction with card payment |
|  | Complete the current transaction with cash payment; in inputs: Confirm with Enter |

Navigation with the Keyboard

| KEY | DESCRIPTION/FUNCTION |
|---|-----------------------------|
|  | Move one field to the left |
|  | Move one field to the right |
|  | Move one field up |
|  | Move one field down |

Commissioning

This chapter describes the procedure for commissioning and provides an overview of the required steps before you can operate the cash register.



DANGER! RISK OF ELECTROCUTION!

Improper commissioning and use of the cash register can result in electric shocks, severe injury, or even death.

- Only connect the cash register to a properly grounded power outlet.
- Ensure that the voltage of the power supply matches the cash register's rated voltage.
- Do not open power supplies.
- Do not use damaged power supplies or power cords.
- Only use the included power supply and cables.



CAUTION! Risk of injury from the cash register falling!

Placing the cash register on uneven, slippery surfaces may cause it to fall, leading to injury.

- Always place the cash register on a stable, non-slip surface.

Connecting the Cash Register to the Power Supply

To use the cash register, you must connect it to the power supply.

- 1** Connect the power cable to the power adapter.
- 2** Plug the power adapter into the designated port on the cash register.
- 3** Insert the power plug into the socket.
 - ▶ The cash register is now properly connected to the power supply.

Inserting the Paper Roll

A paper roll is included with the cash register. To use all functions of the cash register, you need to insert the paper roll into the cash register.

NOTE: Insert the paper roll before turning on the cash register. The cash register will alert you to a missing paper roll with a regular beep.

PREREQUISITE: The cash register is turned off.

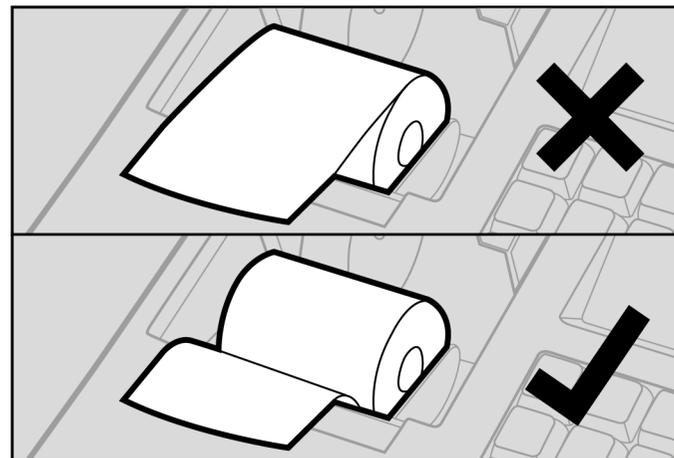
- 1 Open the cover of the receipt printer.
- 2 Insert the paper roll as shown in the illustration.
- 3 Close the cover of the receipt printer.
 - ▶ The cover of the receipt printer will audibly click into place.
 - ▶ You have inserted the paper roll.

Replacing the Paper Roll

When the paper roll is almost empty, a colored stripe will appear on the receipt. The color intensifies as less paper remains on the roll.

PREREQUISITE: The cash register is turned off.

- 1 Open the cover of the receipt printer.
- 2 Remove the empty paper roll.
- 3 Insert a new paper roll as shown in the illustration.
- 4 Close the cover of the receipt printer.
 - ▶ The cover of the receipt printer will audibly click into place.
 - ▶ You have replaced the paper roll.



Paper Roll Dimensions

| | |
|---------------|--------------------|
| Width | 57 mm |
| Roll length | 25 m |
| Roll diameter | 45 mm (max. 50 mm) |
| Core diameter | 12 mm |

Turning on the Cash Register

TIP: For the initial setup, connect a USB mouse and, if necessary, an external keyboard to the USB ports on the cash register.

Alternatively, you can navigate using the arrow keys (see Chapter “Navigation with the Keyboard” on page 20).

- 1 Press the on/off toggle switch.
 - ▶ The cash register starts automatically, and the cash register app opens.

Entering Company Information

NOTE: You can cancel your entries at any time by clicking **Back**.

PREREQUISITE: The cash register is turned on.

- 1 Enter the name of your company.
- 2 Confirm your entry by clicking **Next**.
- 3 Enter your company's tax identification number.
- 4 Confirm your entry by clicking **Next**.
- 5 Assign a currency code to the cash register.
 - ▶ You can choose between Euro, US Dollar, or Turkish Lira.
- 6 Confirm your selection by clicking **Next**.
- 7 Enter your company's address.
- 8 Confirm your entry by clicking **Next**.
 - ▶ You have entered the company information.

Registering the First Operator

NOTE: You can cancel your entries at any time by clicking **Back**.

- 1 Enter a name for the operator.
- 2 Assign a password for the operator.

NOTE: The password must consist only of numbers!

- 3 Re-enter the password to confirm it.
- 4 Enter an email address.
- 5 Confirm your entries by clicking **Finish**.
 - ▶ You have registered the first operator.

NOTE: The first registered operator is automatically assigned the role of "Manager".

NOTE: The first registered operator cannot be deleted.

Activating the Cash Register

- 1 Scan the QR code displayed on the screen with your smartphone to display the license key for the cash register.
- 2 Enter the license key into the cash register.
- 3 Confirm your entry by clicking **Activate**.
 - ▶ The cash register has been successfully activated.

Turning off the Cash Register

- 1 Press the MENU key.
- 2 Click **Turn off cash register** in the navigation bar on the left.
- 3 Confirm the prompt by clicking **Yes**.

Alternatively, you can turn off the cash register as follows:

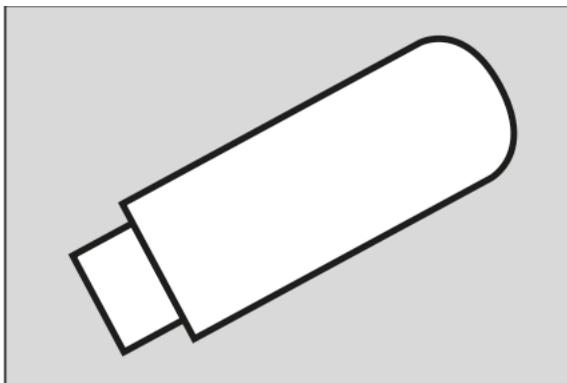
- 1 Press and hold the on/off button for at least 3 seconds.
- 2 The buttons **Shutdown** and **Restart** will appear on the top display bar.
- 3 Click **Shutdown**.
 - ▶ You have turned off the cash register.

Connecting the TSE Stick

NOTE: Only use TSEs from Noris Kassensysteme GmbH.

To use the cash register in compliance with the law, a TSE stick (not included) must be connected to the cash register.

The TSE stick ensures that cash register entries are logged and electronically signed from the beginning of the recording process. The TSE stick stores the individual records for the legally required retention period and allows data export.



The TSE stick, including its technical safety device, is connected via one of the USB ports on the cash register. The TSE stick has a limited service life. If the TSE stick fails or reaches the end of its service life, a new TSE stick must be registered with the cash register.

PREREQUISITE: The cash register is turned off.

- 1 Connect the TSE stick to a USB port on the cash register.
- 2 Press the on/off toggle switch to turn on the cash register.
 - ▶ The cash register automatically registers the TSE stick.
 - ▶ The display shows the message “TSE activated, GoBD activated”.

Checking the Registration of the TSE Stick

After successfully registering the TSE stick with the cash register, the following information will be printed on the receipt:

- Transaction data
- Signature
- Transaction number

- Start and end time of the transaction
- TSE serial number
- QR code

If this information does not appear on the receipt, the TSE stick is not correctly registered, and the cash register is not legally compliant (see Chapter “Troubleshooting” on page 74).

Even during ongoing operations, the TSE information should be checked.

Checking the Usage Period of the TSE Stick

With each daily report created in Z-mode, the following additional information will be printed on the receipt

- Number of remaining signatures
- Expiration date of the TSE license
- Available free storage space on the TSE stick

The usage period of the TSE stick is limited. This period depends on the number of remaining signatures and the lifespan of the TSE certificate.

The number of remaining signatures depends on the TSE stick’s usage. A total of 20 million signatures can be created. The certificate’s lifespan is 3 years from the date of purchase.

The available free storage space is critical for uninterrupted operation of the cash register. The total storage space of the TSE stick is 6.5 GB.

NOTE: If there are no remaining signatures on the TSE stick or the expiration date is reached, registrations with the cash register can no longer be performed. Monitor the remaining signatures and expiration date to ensure timely replacement.

NOTE: Noris Kassensysteme GmbH recommends ordering a new TSE 4–6 weeks before the license expires, or when fewer than 5,000 signatures remain.

Settings via the Android User Interface

PREREQUISITE: Connect a USB mouse and, if necessary, an external keyboard to the USB ports on the cash register for all settings via the Android user interface.

Alternatively, you can navigate using the arrow keys (see Chapter “Navigation with the Keyboard” on page 20).

NOTE: Only settings required for the operation of the cash register are covered here.

Connecting the Cash Register to the Internet

PREREQUISITE: The cash register is turned on.

- 1 Navigate to the bottom of the screen using the USB mouse.
 - ▶ The Android menu bar appears.
- 2 Click on the circle.
- 3 Click and hold the left mouse button and drag upwards to open the app overview.
- 4 Use the mouse to navigate to the gear icon (Settings) and click it to open the settings.
- 5 Click on **Network & Internet** to open the menu.
- 6 Enable the WLAN switch.
- 7 Select your WLAN.
- 8 Enter the password.
 - ▶ The cash register connects to the Internet.

Setting the Date and Time

- 1 Follow steps 1–4 from the chapter “Connecting the Cash Register to the Internet.”
 - 2 Navigate to the menu **System**.
 - 3 Click on the tab **Date & Time** to open the menu.
 - 4 Choose whether the cash register should load the date and time from the network. Steps 5–8 are skipped.
- NOTE:** Date and time can only be loaded from the network if the cash register is connected to the Internet.
- 5 Alternatively: Enter the date manually.
 - 6 Enter the time manually.

- 7 Choose whether the cash register should load the time zone from the network.
- 8 Select the desired time format.
 - ▶ You have set the date and time.

NOTE: Right-click always returns you to the basic view of an app.

Adjusting Screen Brightness

- 1 Follow steps 1–4 from the chapter “Connecting the Cash Register to the Internet.”
- 2 Navigate to the menu **Display**.
- 3 Click on **Brightness**.
- 4 Adjust the setting using the slider as desired.
 - ▶ You have adjusted the screen brightness.

Resetting Settings

- 1 Follow steps 1–4 from the chapter “Connecting the Cash Register to the Internet.”
- 2 Navigate to the menu **System**.
- 3 Click on **Advanced** to display more options.
- 4 Click on **Reset Options** to open the menu.
- 5 Select which settings should be reset.
 - Wi-Fi, Mobile Data, and Bluetooth
 - App Settings
 - Erase All Data (Factory Reset)
- 6 Confirm Your Selection.
 - ▶ You have reset the settings.

Cash Register App Uninstallation

NOTE: When uninstalling the cash register app, all stored data and settings will be lost! The data cannot be restored. This also includes all fiscal data required for tax authorities!

- 1 Follow steps 1–4 from the chapter “Connecting the Cash Register to the Internet.”
- 2 Click and hold the icon of the cash register app. Drag the icon to the trash bin on the left side of the screen using the mouse.
- 3 Release the icon of the cash register app.
 - ▶ You have deleted the cash register app.

NOTE: You can re-download the cash register app from the download section of Noris Kassensysteme GmbH (see Chapter “Update Information” on page 78). After reinstallation, you must manually start the cash register app once.

Legal Requirements for Using the Cash Register

To ensure that the cash register is used in compliance with the law and to correctly generate the DSFinV-K export, the following points must be considered in the configuration of the cash register.

Company Information

For the proper operation of the TSE stick, company information must be entered into the cash register (see Chapter “Entering Company Information” on page 23). This information is used when exporting DSFinV-K data. The following details must be entered::

- Company name
- Address with country, federal state, city/town, postal code, street, and house number
- Tax identification number
- Currency code

Tax Rates

Each item must be assigned to a specific tax rate (see Chapter “Create a New Item” on page 41). Assigning an item to multiple tax rates is not permitted.

The pre-configured tax rates comply with legal requirements.

Payment Methods

The following payment methods are pre-configured in the cash register:

- Cash
- Card

NOTE: Adding new payment methods is not possible.

Vouchers/Deposits

To ensure that sales tax is correctly recorded and remitted, a distinction must be made between single-purpose and multi-purpose vouchers:

- For single-purpose vouchers, sales tax is due when the voucher is issued.
- For multi-purpose vouchers, sales tax is due when the voucher is redeemed.

These groups and entries are pre-configured in the cash register.

Additionally, according to legal requirements, product group entries for deposit issuance and deposit returns are pre-programmed in the cash register.

Daily Tasks

NOTE: Before starting work, ensure that the TSE stick is connected and functioning properly.

Before Opening the Business

- Turn on the cash register.
- Check the date and time.
- Deposit change.
- Check the paper roll and replace it if necessary

During the Business Day

- Log in as an operator.
- Perform registrations.
- Generate X-reports

After Closing the Business

- Remove change.
- Generate a Z-report.
- Turn off the cash register

Operating the Cash Register

NOTE: The cash register calculates in cents. For example, if you want to enter €5.00, you must enter 500.

NOTE: You can assign keys in the status bar. If no keys are assigned, nothing will be displayed.

PREREQUISITE: Configure your cash register in the menu **Master Data** and **Configuration** before operating the cash register.

Turning on the Cash Register

- 1 Press the On/Off toggle switch.
 - ▶ The cash register starts, and the cash register app opens.

NOTE: To avoid errors or error messages, wait about 2 minutes after starting the cash register before beginning registrations.

Logging in as an Operator

- 1 Use the UP or DOWN arrow keys to select an operator.
- 2 Press the CASH/ENTER key.
- 3 Enter the password for the selected operator.
- 4 Press the CASH/ENTER key.
 - ▶ If the login is successful, the message “Login successful” appears, and the cash register shows the home screen.

Performing Deposits

- 1 Enter the amount you want to deposit.
- 2 Press the DEPOSIT.
 - ▶ The cash drawer opens.
 - ▶ The cash register confirms your deposit.
 - ▶ You receive a receipt.

Registering Items

- 1 Press the PLU key assigned to the item (e.g., B. 1/7/13 PLU).
- 2 Alternative: If the PLU number exceeds the number of keys configured on the keyboard (e.g., 18), enter the number and then press the PLU key.

NOTE: If you want to register multiple units of an item, enter the quantity, press the X key, and then press the PLU key for the item.
- 3 For zero-priced items: Enter a price and press the PLU key for the item.
- 4 For items with configured variants: Press the item key and use the UP/DOWN keys to select the desired variant.
- 5 Repeat steps 1 or 2 as many times as needed to register items.
- 6 Press the SUBTOTAL key.
 - ▶ The customer display shows the total amount.
- 7 Enter the amount given by the customer.
 - ▶ The cash register shows the change in the operator display.
- 8 Complete the transaction by pressing the CASH/ENTER key or the CARD key.
 - ▶ The cash drawer opens.
 - ▶ You receive a receipt.
- 9 Tear off the receipt at the perforated edge.
- 10 Press the C key.
 - ▶ The operator display is cleared.
- 11 Close the cash drawer.

Switching Keyboard Levels

The cash register has 3 pre-configured keyboard levels. For example, if you want to access PLU number 7, you need to switch to the next keyboard level.

- 1 Press the **KEYBOARDLEVEL** key.
- 2 If you want to reach the third level, press the **Keyboard Level** key again.
- 3 Press the **PLU** key for the number you want to access.

NOTE: The cash register displays the currently selected keyboard level in the status bar (1, 2, 3).

- ▶ You have switched the keyboard level.

Turn Off Receipt Printing

PREREQUISITE: Receipt printing is turned on.

- 1 Press the **BON ON/OFF** key.
 - ▶ The printer icon turns red.
 - ▶ You have turned off receipt printing.

NOTE: Press the **SUBTOTAL** key to print a receipt for the last registered transaction.

Turn On Receipt Printing

PREREQUISITE: Receipt printing is turned off.

- 1 Press the **BON ON/OFF** key.
 - ▶ The printer icon turns green.
 - ▶ You have turned on receipt printing.

Register Discounts

Absolute Discount on the Last Registered Item

- 1 Register an item.
- 2 Enter the discount amount using the number keys (e.g., 100 for €1 discount).
- 3 Press the DISCOUNT key.
 - ▶ The discount is registered and applied to the item.
- 4 Complete the transaction as usual.

Percentage Discount on the Last Registered Item

- 1 Register an item.
- 2 Enter the percentage of the discount using the number keys (e.g., 10 for 10% discount).
- 3 Press the X / % key.
- 4 Press the DISCOUNT key.
 - ▶ The discount is registered and applied to the item.
- 5 Complete the transaction as usual.

Absolute Discount on the Total Amount

- 1 Register all items.
- 2 Press the SUBTOTAL key.
- 3 Enter the discount amount using the number keys (e.g., 100 for €1 discount).
- 4 Press the DISCOUNT key.
 - ▶ The discount is registered and applied to the total amount.
- 5 Complete the transaction as usual.

Percentage Discount on the Total Amount

- 1 Register all items.
- 2 Press the SUBTOTAL key.
- 3 Enter the percentage of the discount using the number keys (e.g., 10 for 10% discount).
- 4 Press the X / % key.
- 5 Press the DISCOUNT key.
 - ▶ The discount is registered and applied to the total amount.
- 6 Complete the transaction as usual.

Cancel an Item

PREREQUISITE: The transaction has not been completed with a payment method.

- 1 Register the items as usual.
- 2 Press the CANCEL button to cancel the last registered item.
 - ▶ The last registered item will be highlighted, and the price will no longer appear in the total amount.

NOTE: This method allows you to cancel all items. To cancel an item other than the last one, Click on the item to be canceled and repeat the steps starting from step 2.

- 3 Complete the transaction as usual.
 - ▶ You have successfully canceled the item.

Canceling a Transaction

PREREQUISITE: The transaction has not been completed with a payment method.

- 1 Register items as usual.
- 2 Press the CANCEL RECEIPT key.
- 3 Navigate with the DOWN key to **Yes**.
- 4 Confirm the prompt by pressing CASH/ENTER.
 - ▶ All items are canceled.
 - ▶ You receive a receipt.

Correcting the Payment Method

PREREQUISITE: The registration has been completed with a payment method.

- 1 Press the **PAYMENT CORRECTION** key.
- 2 Enter the amount to be reallocated using the number keys.
- 3 Press the key for the payment method you want to correct.
- 4 Press the key for the payment method to which you want to transfer the amount.
 - ▶ You have successfully corrected the payment method.

Register Returns

- 1 Press the **RETURN** button.
- 2 Press the **PLU** button assigned to the item you wish to return.
- 3 Complete the return by clicking the **BAR** button or the **CARD** button.
 - ▶ The return will be properly registered.
 - ▶ The cash drawer will open.
 - ▶ You will receive a receipt.
- 4 Press the **CLR** button.
 - ▶ The operator display will be cleared.
- 5 Close the cash drawer.

Processing Payouts

- 1 Enter the amount you want to withdraw.
- 2 Press the **PAYOUT** key.
 - ▶ The cash register confirms your payout.
 - ▶ The cash drawer opens.
 - ▶ You receive a receipt.

Accessing Menus via Shortcut

PREREQUISITE: To use this function, you must enable „Menu key options“ in the configuration (see Chapter “Menu key options“ on page 54).

- 1 Enter the number of the desired menu.
- 2 Press the **MENU** key.
 - ▶ You have accessed the desired menu.

Switch Operator

PREREQUISITE: An operator is already logged in.

- 1 Press the **OPERATOR** button.
- 2 Alternatively, Click the button in the top right corner.
- 3 Click on **Yes**.
- 4 Select the operator you want to log in.
- 5 Enter the password.
- 6 If using a Dallas key: Insert a different Dallas key into the Dallas lock.
 - ▶ You have successfully switched the operator.

NOTE: If the „Dallas Key Removal with Cash Payment Completion“ function is enabled in the preferences, the transaction will be completed immediately when the Dallas key is removed from the cash register.

Menus

By pressing the MENU key, you can access various menus that allow you to configure your cash register according to your needs, print reports, and modify settings.

Staff

In the **Staff** menu, you can add new operators, manage existing operators, and adjust permissions for operator groups.

Operators

In the **Staffs** menu, you can search for operators, sort operators, create new operators, and modify or delete existing operators.

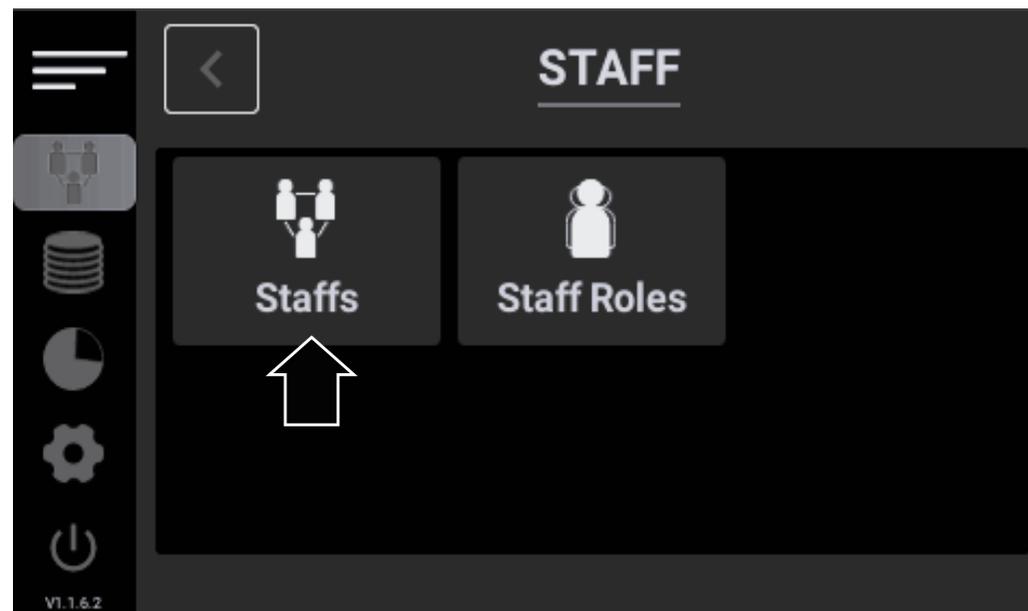
An operator is the person working at the cash register and performing transactions. Before a sales transaction can begin, an operator must log in to the cash register. Sales and activities in reports can be assigned to individual operators.

There are three types of operator groups: Manager, Operator, and Trainer

NOTE: The first operator cannot be deleted.

NOTE: All sales confirmed by a Trainer will not appear in reports.

- 1 Press the MENU key.
- 2 Click on the **Staffs** file in the navigation bar on the left.



Create a New Operator

- 1 Click the plus sign.
- 2 Select the operator group to which this operator should be assigned.

NOTE: The available operator groups are: Manager, Operator, and Trainer.

- 3 Enter a name for the operator.
- 4 Set a password for the operator.

NOTE: The password must consist of digits only!

- 5 Enter the password again to confirm.
- 6 If using Dallas keys: Plug the Dallas key into the Dallas lock.
 - ▶ The key code will be automatically assigned to the operator.
- 7 Confirm the entries by clicking **Save**.
 - ▶ You have created a new operator.

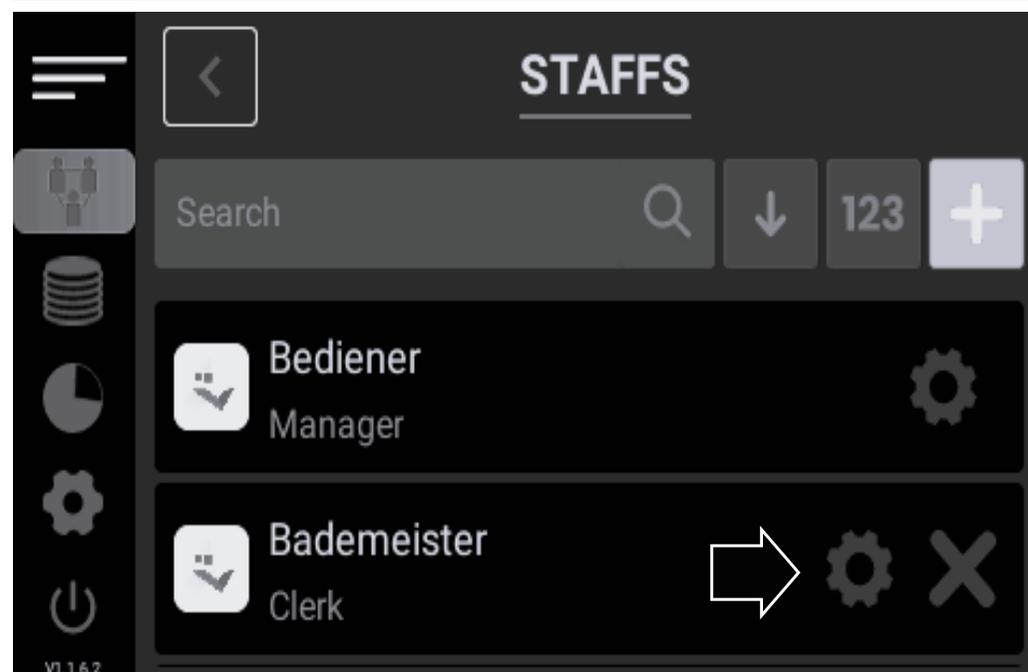
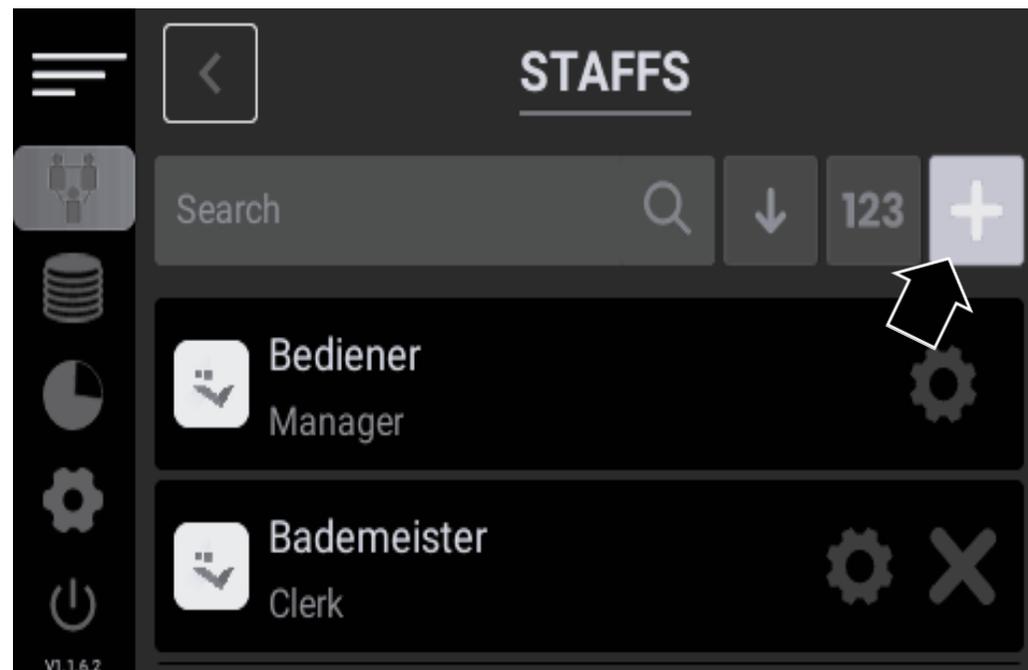
Edit an Existing Operator

- 1 Click the gear icon next to the operator you wish to edit.
- 2 Adjust the operator's settings as desired.
- 3 Confirm the changes by Clicking **Update**.
 - ▶ You have updated the operator.

Delete an Existing Operator

NOTE: The operator created during the initial registration of the cash register is always a Manager and can be edited, but not deleted.

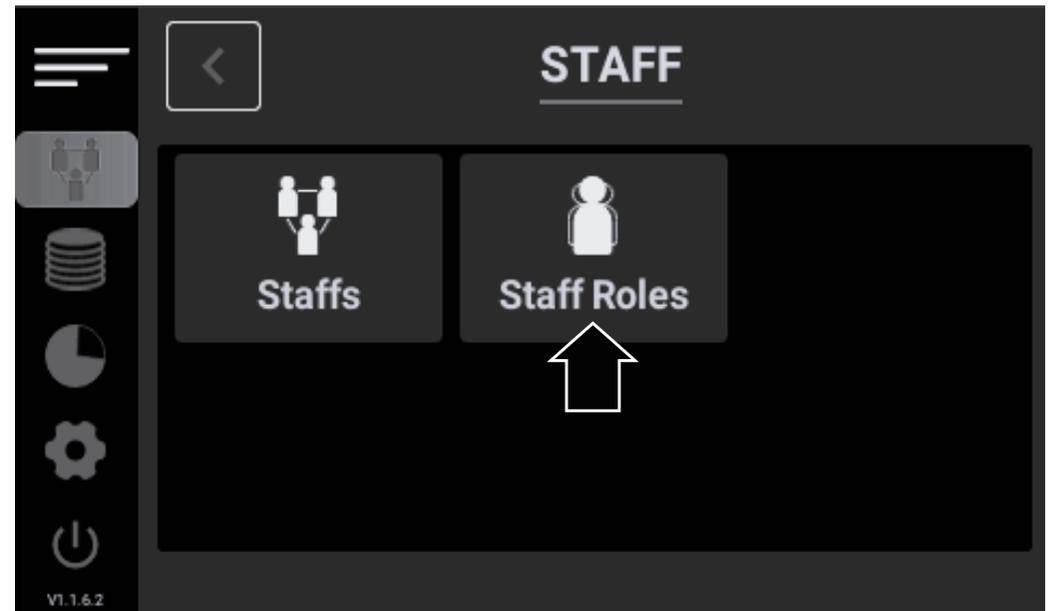
- 1 Click the cross next to the gear icon to delete the desired operator..
- 2 Confirm the deletion by clicking **Yes**.
 - ▶ You have deleted the operator.



Staff Roles

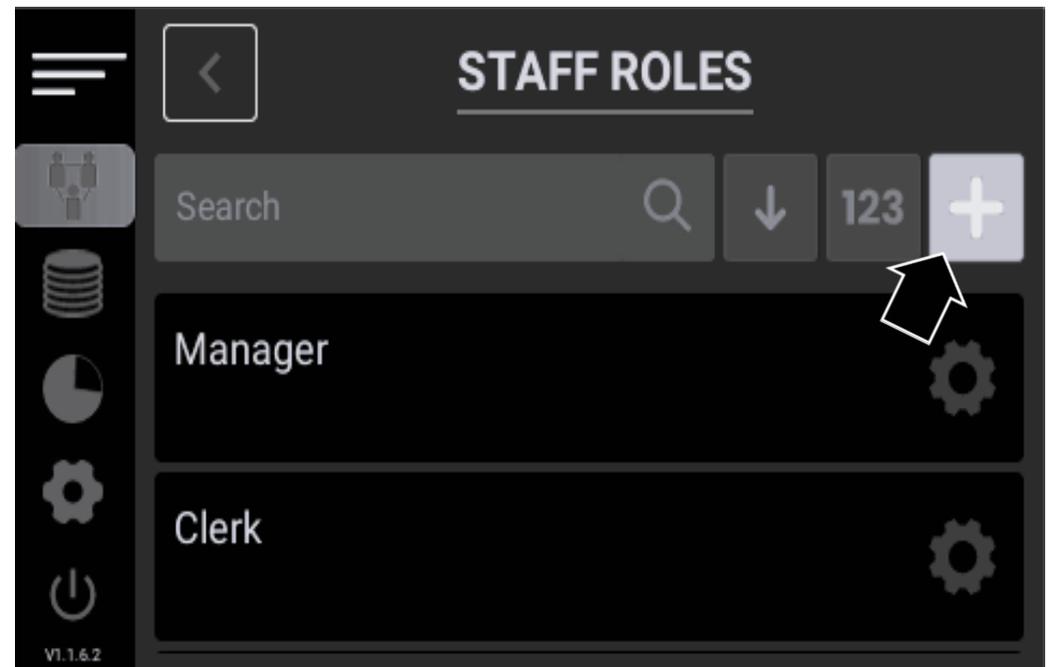
In the **Staff Roles** menu, you can adjust the rights of operator groups according to your processes. Each of these rights can be enabled or disabled individually.

- 1 Press the MENU key.
- 2 Click on the **Staff Roles** tile in the navigation bar on the left.



Creating a New Operator Permissions Group

- 1 Click on the plus sign.
- 2 Enter a name for the operator permissions group.
- 3 Select the operator group whose permissions should be inherited.
- 4 Alternatively, you can choose a new set of permissions.
- 5 Confirm your entries by clicking **Save**.
 - ▶ You have created a new operator permissions group.



Modify Permissions of Existing Operator Groups

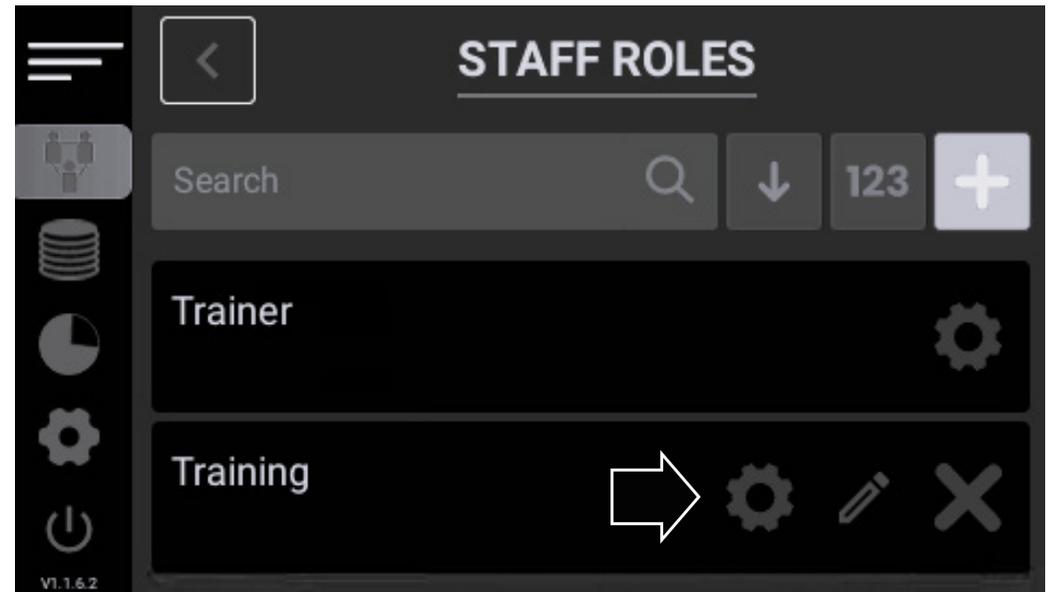
- 1 Click on the gear icon next to the desired operator group to access the permissions.
- 2 Adjust the permissions as needed.
- 3 Confirm your changes by clicking **Update**.
 - ▶ You have modified the operator group permissions.

Rename an Existing Operator Permissions Group

- 1 Click on the pencil icon next to the gear icon to rename the permissions group.
- 2 Enter the new name as desired.
- 3 Confirm your changes by clicking **Update**.
 - ▶ You have renamed the operator permissions group.

Delete an Existing Operator Permissions Group

- 1 Click on the X icon next to the pencil icon to delete the desired operator permissions group.
- 2 Confirm your selection by clicking **Yes**.
 - ▶ You have deleted the operator permissions group.



Master Data

In the **Master Data** menu, you can create and manage new groups, product categories, items, and tax rates.

Groups

In the **Groups** menu, you can search, sort, manage, delete existing groups, and create new groups.

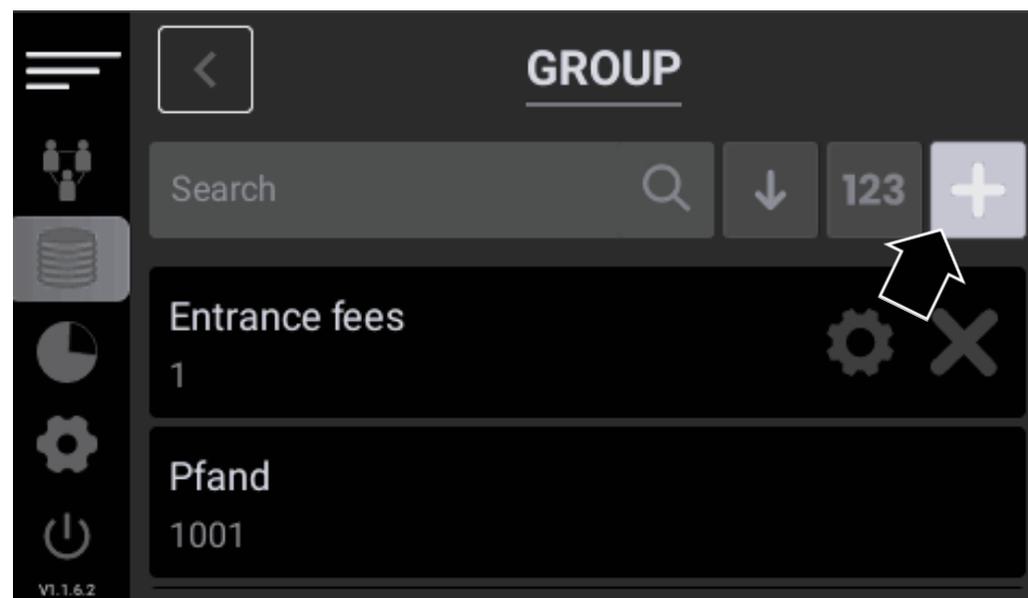
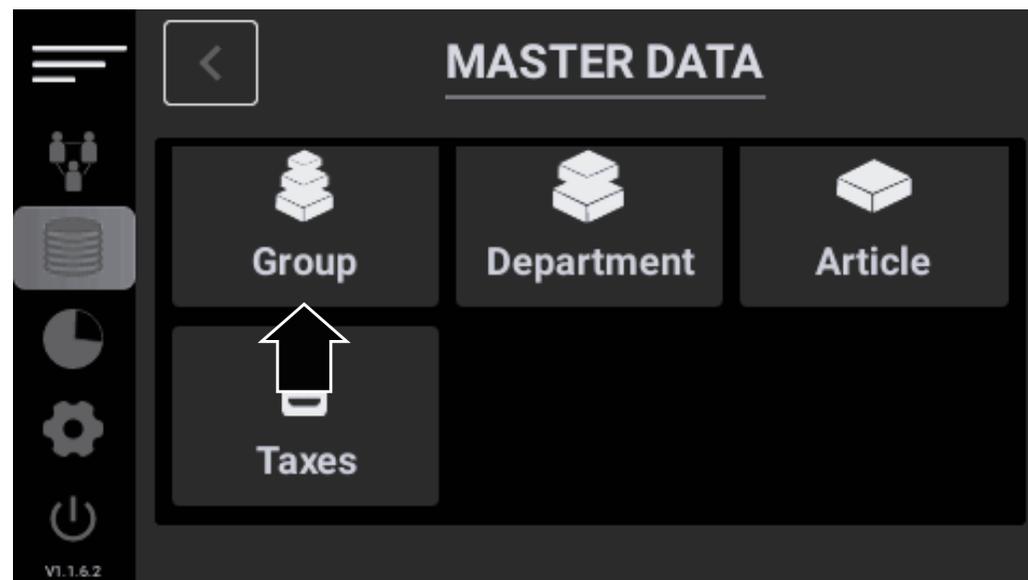
Groups serve as categories (e.g., "Food") for product categories.

NOTE: You must create a group before you can program a product category.

- 1 Press the MENU key.
- 2 Click on **Master Data** in the navigation bar on the left.
- 3 Click on **Groups** to open the menu.

Creating a New Group

- 1 Click on the plus sign.
- 2 Enter a name for the group.
- 3 Confirm your entry by clicking **Save**.
 - ▶ You have created a new group.



Modify an Existing Group

- 1 Navigate to the **Group** menu and select the entry you want to modify.
- 2 Click on the gear icon to open the group settings.
- 3 Adjust the group as needed.
- 4 Confirm your changes by clicking **Update**.
 - ▶ You have modified a group.

Delete an Existing Group

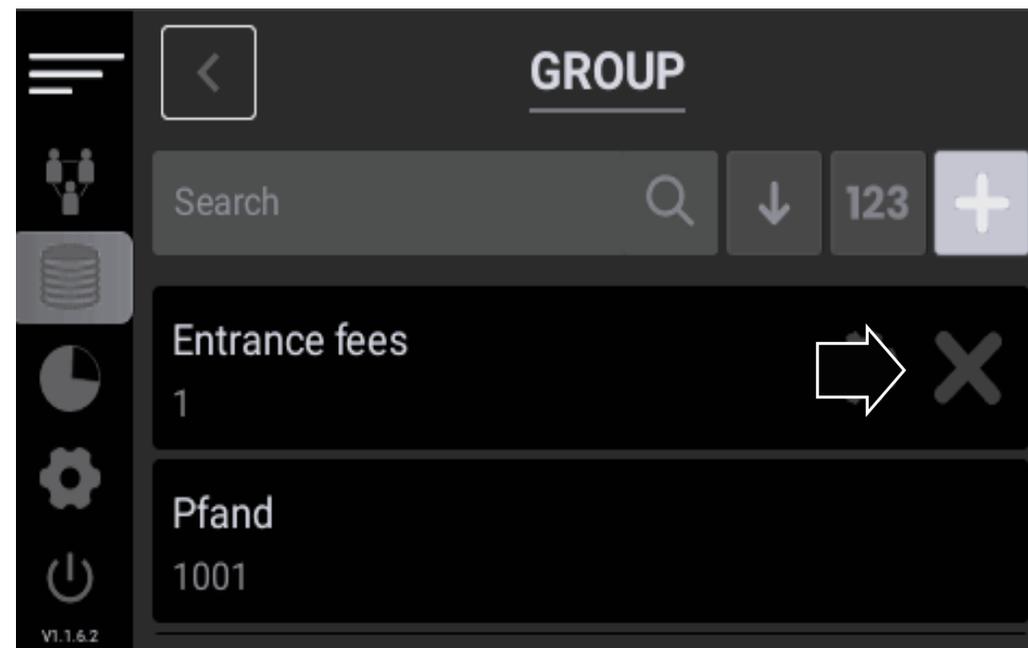
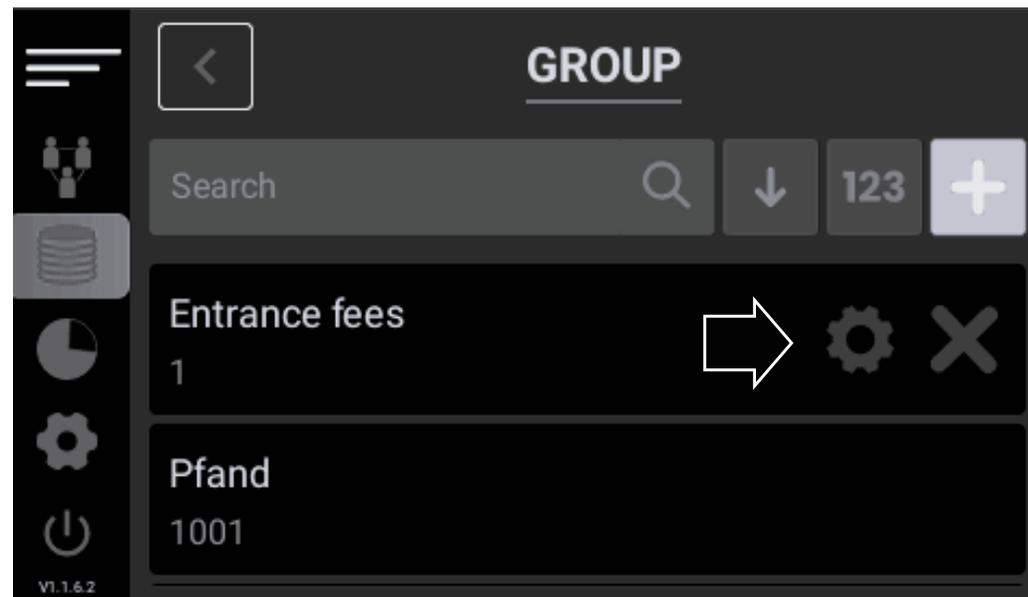
- 1 Navigate to the **Group** menu and select the entry you want to delete.
- 2 Click on the X icon next to the gear icon to delete the group.
- 3 Confirm your selection by clicking **Yes**.
 - ▶ You have deleted the group.

NOTE: Groups that contain product categories cannot be deleted.

Example:

Under the „Food“ group, you could have product categories such as „Meat Dishes“ and Desserts.

Within the „Meat Dishes“ category, the item „Wiener Schnitzel“ could be included.



Product Category

In the **Product Category** menu, you can browse, sort, manage, delete existing product categories, and create new ones.

A product category is a group of items of the same type or category (e.g., non-alcoholic beverages, wines).

- 1 Press the MENU key.
- 2 Click on **Master Data** in the navigation bar on the left.
- 3 Click on **Product Category** to open the menu.

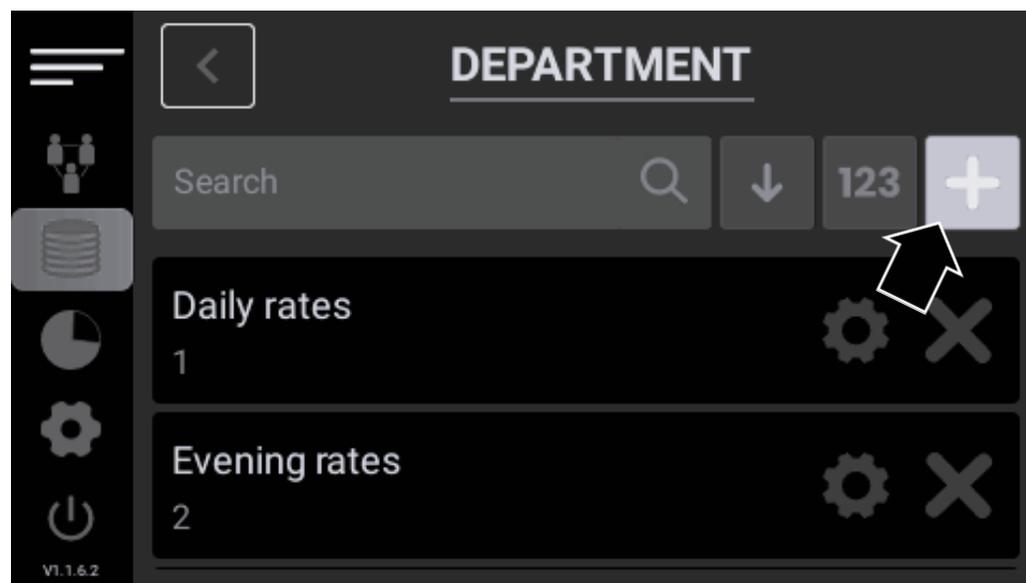
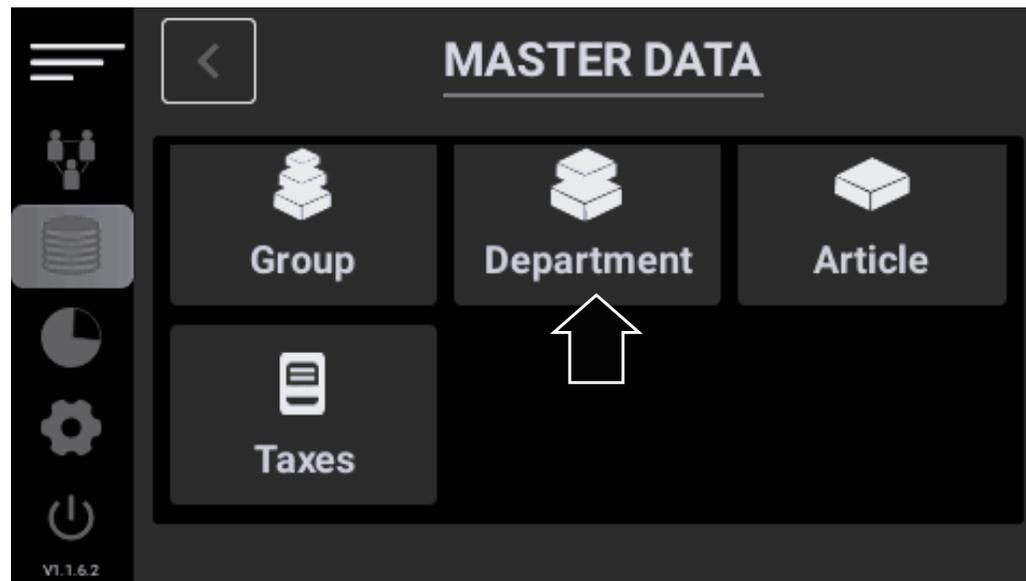
Creating a New Product Category

PREREQUISITE: You have created a group to which the product category can be assigned.

- 1 Click on the plus sign.

NOTE: The ID is assigned automatically and is used to sort product categories.

- 2 Select the group to which this product category should be assigned.
- 3 Enter a name for the product category.
- 4 Confirm your entry by clicking **Save**.
 - ▶ You have created a new product category.



Edit an Existing Product Category

- 1 Click the gear icon next to the product category you want to edit.
- 2 Adjust the product category as needed.
- 3 Confirm the changes by Clicking **Update**.
 - ▶ You have updated the product category.

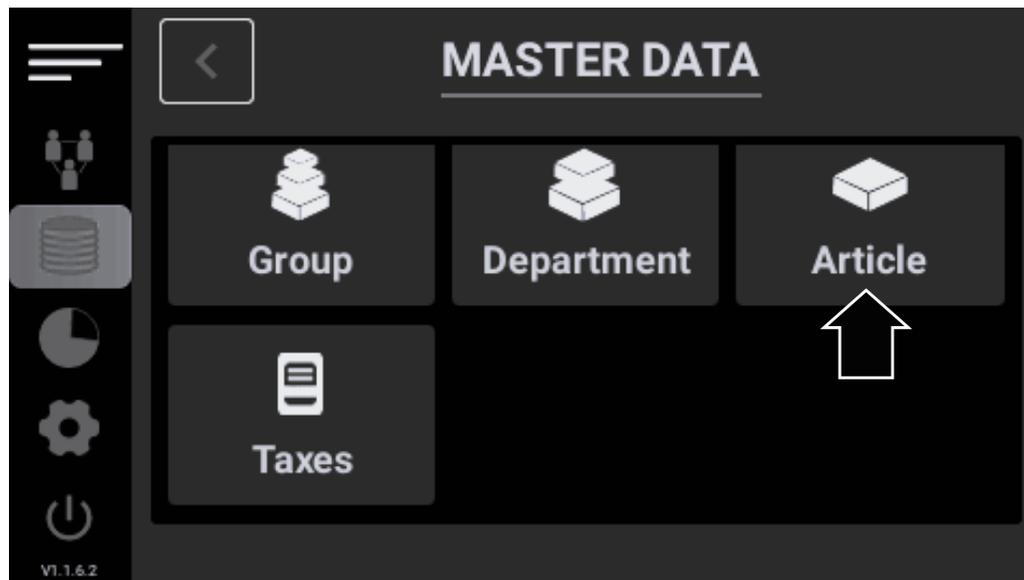
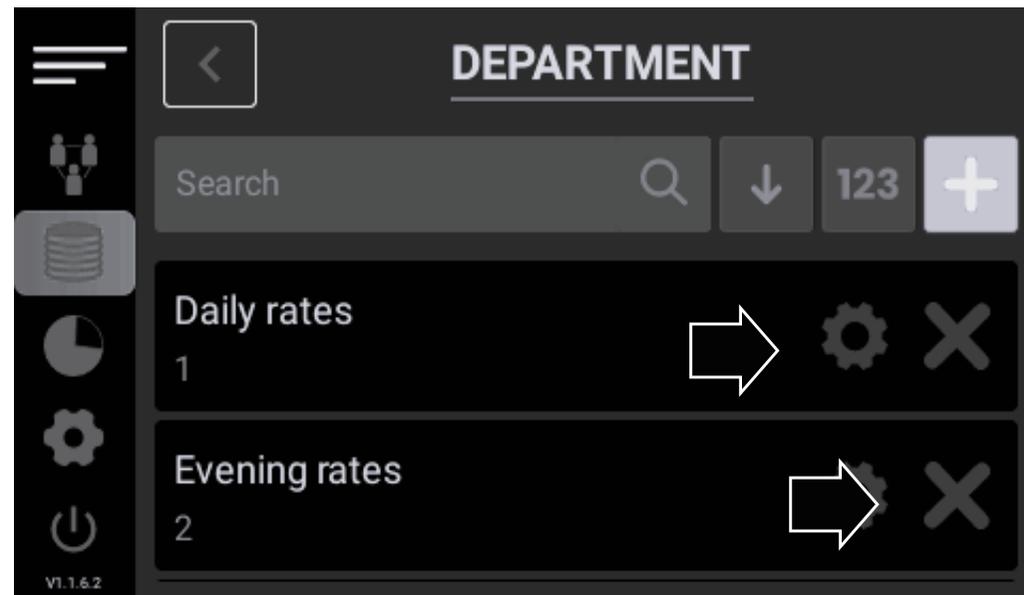
Delete an Existing Product Category

- 1 Tap the gear icon next to the product category you want to delete.
- 2 Tap **Delete**.
- 3 Confirm the deletion by Clicking **Yes**.
 - ▶ You have deleted the product category.

Articles

In the **Article** menu, you can browse, sort, manage, delete existing items, and create new ones.

- 1 Press the MENU key.
- 2 Click on **Master Data** in the navigation bar on the left.
- 3 Click on **Article** to open the menu.



Create a New Item

NOTE: You must create separate items for different deposit rates and vouchers, which must be assigned to the predefined product categories.

PREREQUISITE: You have created a product category to which the item can be assigned.

- 1 Click on the plus sign.
- 2 Select the product category to which the item should be assigned.
- 3 Optionally, select whether an EAN code (for barcode scanners) should be used and enter the EAN code.
- 4 Enter a PLU number under which the item can be accessed via the keypad.
- 5 Enter a name for the item.
- 6 Select whether the “Negative Price” function should be applied.

NOTE: The function “Negative Price” cannot be changed for predefined product categories.

- 7 Select the tax rate applicable to this item.

NOTE: The tax rate for the product categories “Deposit Payment” and “Deposit Refund” cannot be changed.

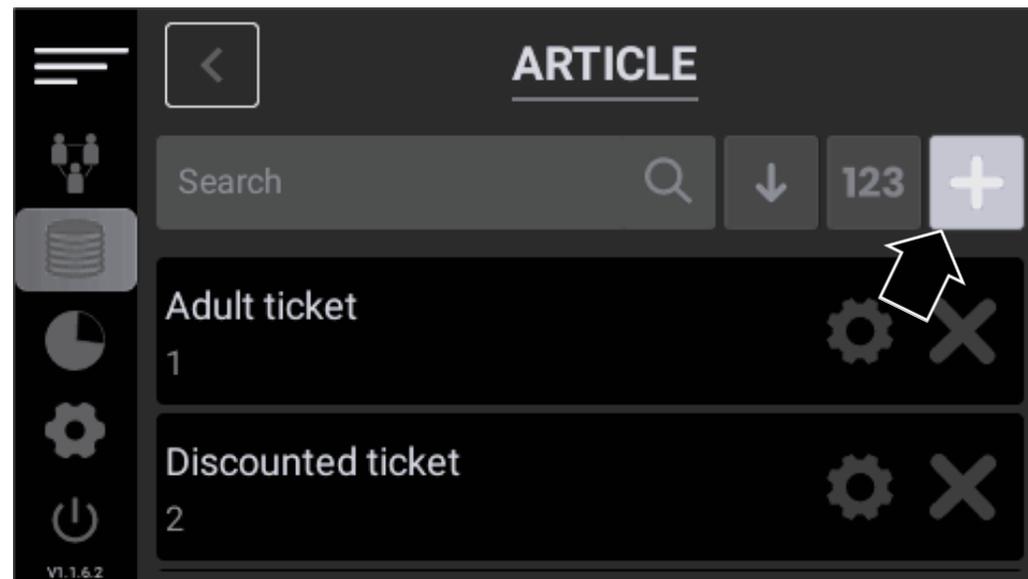
- 8 Enter the gross sales price in the “RRP Gross” field.

► The net price is automatically calculated based on the selected tax rate.

NOTE: If you enter 0 as the price when creating the item, it will be registered as a zero-price item. This allows entering a custom price when registering the item before pressing the respective button.

- 9 Select whether a price limit should apply to this item and enter the limit price.
- 10 Select the unit of measurement in which the item will be sold (pcs, ml, l, package, kg, etc.).
- 11 Select whether the item is a weight-based item and enter the weight in grams.
- 12 Select whether the item is a deposit item.

NOTE: An item marked as a deposit item can be selected as a deposit value by other items.



- 13 If necessary, assign the deposit value.

- 14 Confirm your entries by clicking **Save**.

► You have created a new item.

Edit an Existing Item

- 1 Tap the gear icon next to the item you want to edit.
- 2 Adjust the item as needed.
- 3 Confirm the changes by Clicking **Update**.
 - ▶ You have updated the item.

Delete an Existing Item

- 1 Tap the cross next to the item you want to delete.
- 2 Tap **Delete**.
- 3 Confirm the deletion by Clicking **Yes**.
 - ▶ You have deleted the item.

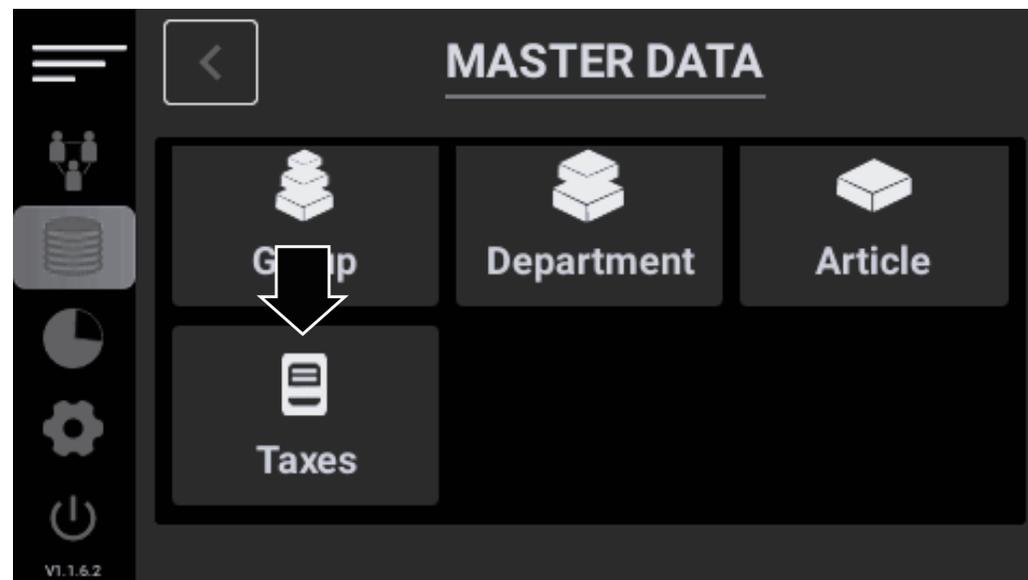
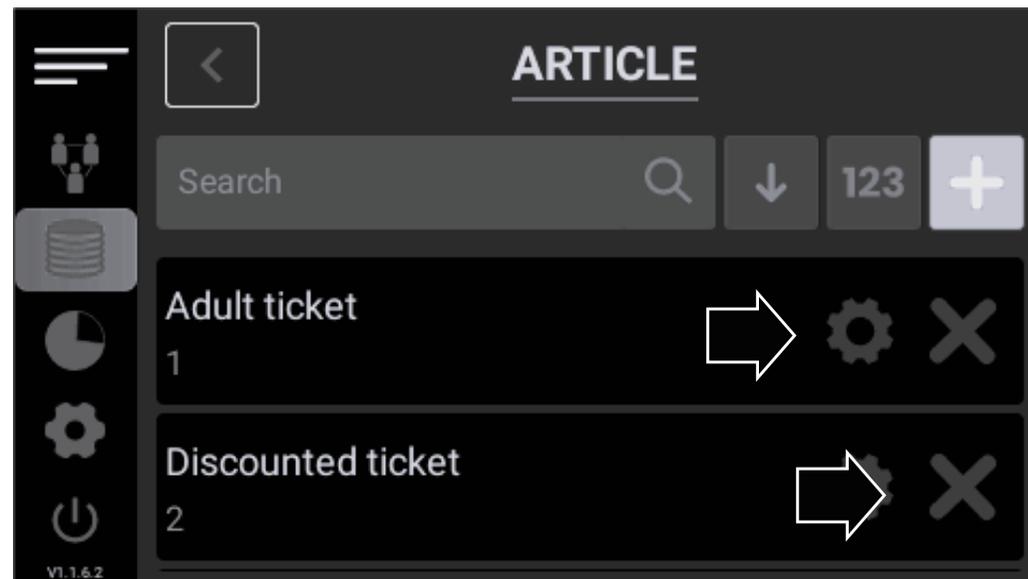
Taxes

In the **Taxes** menu, you can browse, sort, manage, delete existing tax rates, and create new ones.

NOTE: The preset tax values cannot be deleted and should not be modified.

Exception: If the legal VAT rate changes, you must adjust the tax rates accordingly.

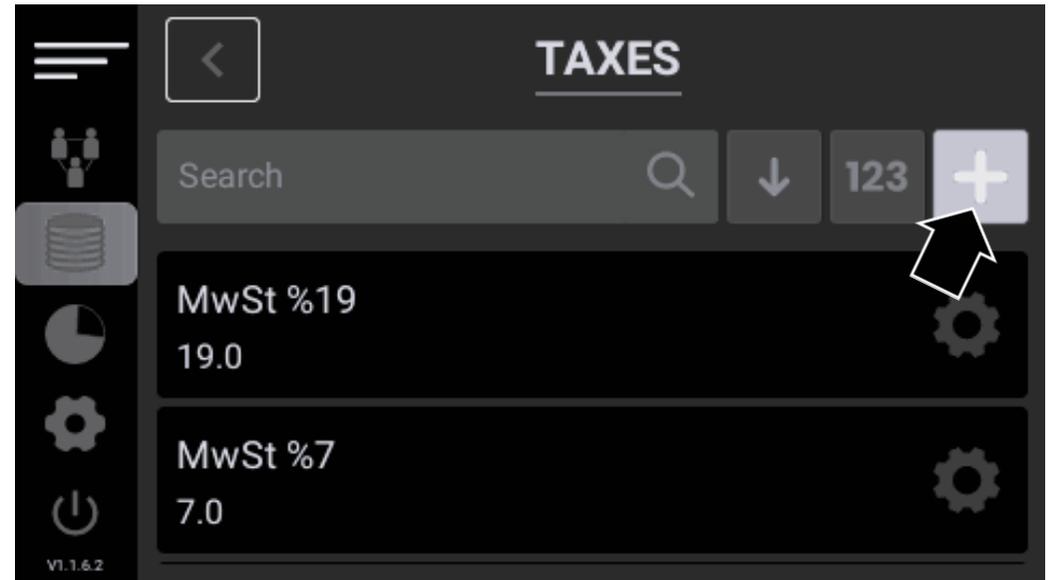
- 1 Press the MENU key.
- 2 Click on **Master Data** in the navigation bar on the left.
- 3 Click on **Taxes** to open the menu.



Create a New Tax Rate

NOTE: All 7 tax rates according to DSFinV-K are preconfigured.

- 1 Click on the plus sign.
- 2 Select a country code.
- 3 Enter a name for the tax rate.
- 4 Enter the percentage rate for the tax.
- 5 Confirm your entries by clicking **Save**.
 - ▶ You have created a new tax rate.



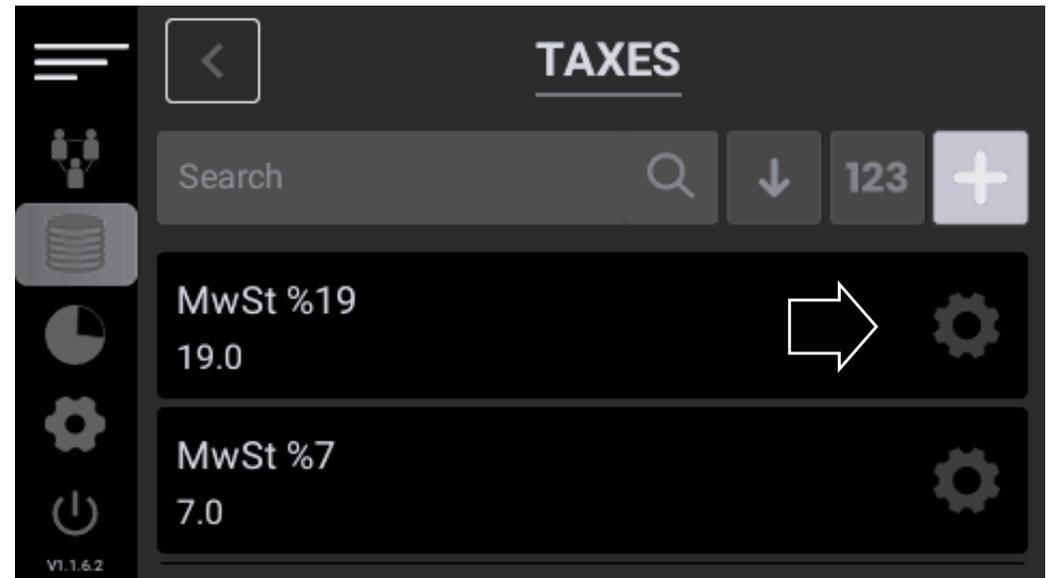
Modify an Existing Tax Rate

- 1 Click on the gear icon to open the tax settings.
- 2 Adjust the tax rate as needed.
- 3 Confirm your changes by clicking **Update**.
 - ▶ You have modified a tax rate.

Delete a Custom Tax Rate

NOTE: The predefined tax rates cannot be deleted.

- 1 Click on the X icon next to the gear icon to delete the tax rate.
- 2 Confirm your selection by clicking **Yes**.
 - ▶ You have deleted the tax rate.



Reports

In the **Reports** menu, you can print daily reports, operator reports, monthly reports, and item reports.

Note: If a storage medium is connected to the cash register, the TSE and GoBD data will be saved on the storage medium.

Switching Between X and Z Reports

The cash register distinguishes between X reports and Z reports.

X reports are interim reports and can be printed as often as desired.

Z reports are closing reports and can only be printed once. Afterward, the data is deleted.

- 1 Press the MENU key.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click the **X** button to print X reports.
- 4 Click the **Z** button to print Z reports.
 - ▶ You have switched the report type.



Printing Daily Reports

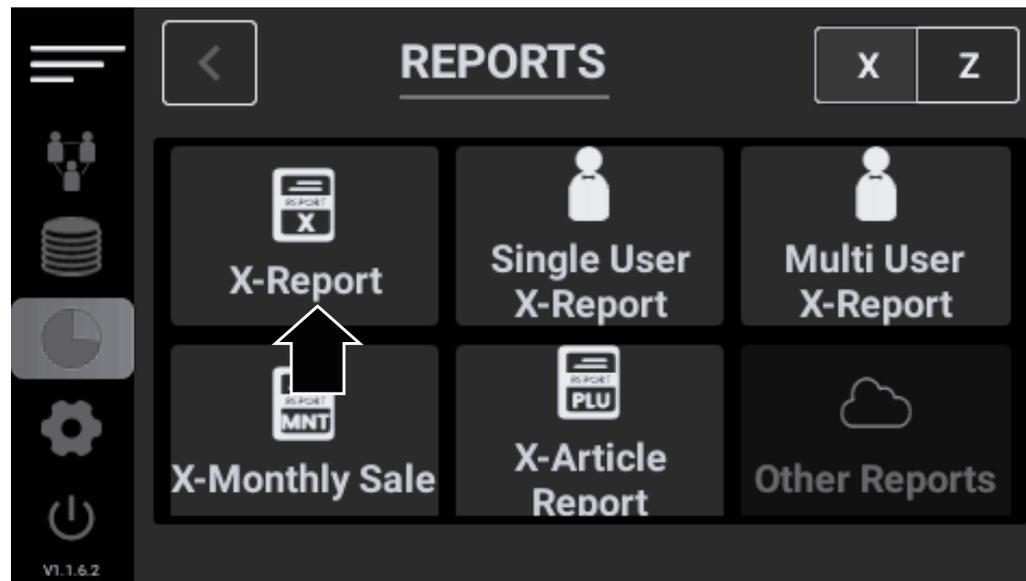
Daily reports provide information about the total daily revenue, broken down into different categories. They list items by product group, payment methods, discounts, and corrections. They also display taxes for the total amount and show the amount stored in the cash register.

NOTE: Revenues generated by the training operator do not appear in the reports.

- 1 Press the MENU key.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click on **X-Daily Report** to open the menu.

NOTE: If you have switched the report type, it will show **Z-Daily Report** here.

- 4 Click the printer icon to print a new daily report.
- 5 Alternatively, select an existing X report and click the printer icon again to print it.
 - ▶ The daily report is printed.



NOTE: If the cash register is connected to an external storage medium or the cloud, printing a Z-Daily Report will export the fiscal data to the storage medium or the cloud.

IMPORTANT: When exporting fiscal data, it is deleted from the cash register. Check your data regularly for completeness. The data is not stored on the TSE stick but on an external storage medium or in the cloud. This prevents data loss in case of a cash register crash.

Single Operator

NOTE: Revenues generated by the training operator do not appear in the reports.

- 1 Press the MENU button.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click on **Single User Report**.
 - ▶ The operator report for the logged-in operator will be printed.



All Operators

NOTE: Revenues generated by the training operator do not appear in the reports.

- 1 Press the MENU button.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click on **Multi User Report**.
 - ▶ The operator report for all registered operators will be printed.



Monthly Revenue

PREREQUISITE: You are in the x-report view.

NOTE: Revenues generated by the training operator do not appear in the reports.

- 1 Press the MENU button.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click on **X-Monthly Sale** to open the menu.
- 4 Select the desired month.
- 5 Click on **Create**.
 - ▶ The revenue report will be printed.

Article Report

NOTE: Revenues generated by the training operator do not appear in the reports.

- 1 Press the MENU button.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click on **Article Report**.
 - ▶ The article report will be printed.

Other Reports

The option to print additional reports is available in the Delta Cloud Office.

- 1 Press the MENU button.
- 2 Tap **Reports** in the left navigation bar.
- 3 Tap **Other Reports**.
 - ▶ A note about Delta Cloud Office will be displayed.



Cashier Self-Closing Report (CSC Report)

NOTE: To enable the Cashier Self-Closing Report (CSC report), the option for cashier self-settlement must be activated in the preferences.

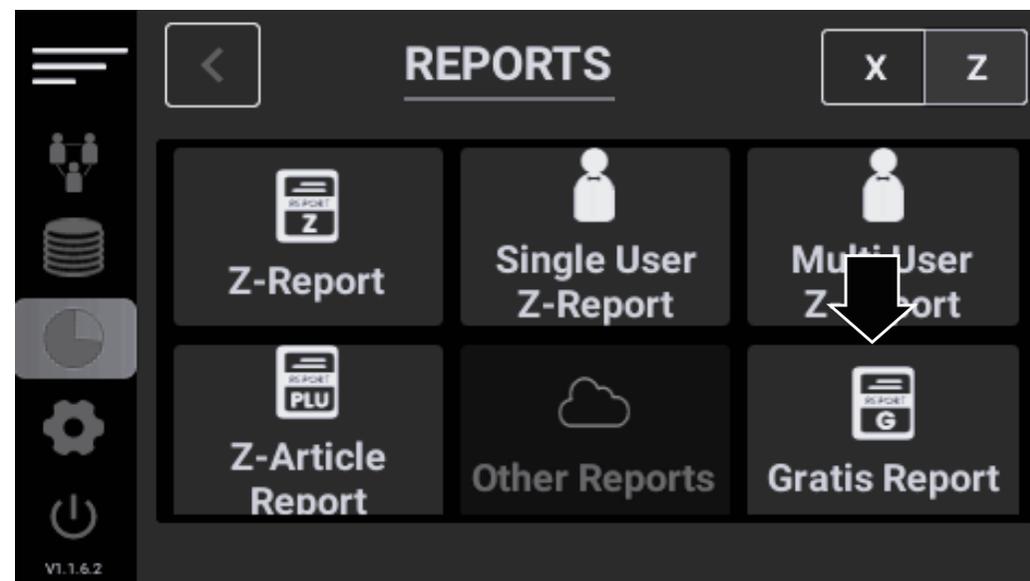
NOTE: The CSC report is generated for the currently logged-in operator.

- 1 Press the MENU button.
- 2 In the left-hand navigation bar, Click **Reports**.
- 3 Click **X** to switch the report type to x-reports.
- 4 Click **CSC Report** to open the menu.
- 5 Use the UP/DOWN buttons to navigate to the respective fields for coins/banknotes and enter the counted amount for each denomination.
- 6 Confirm your entries by Clicking **Save**.
 - ▶ You have now completed the cashier self-settlement.
 - ▶ A discrepancy report will be generated.



Gratis Report

- 1 Press the MENU button.
- 2 Click Reports in the left navigation bar.
- 3 Click the **Z** to switch the report type to Z-reports.
- 4 Click Free Report.
 - ▶ The gratis report will be printed.

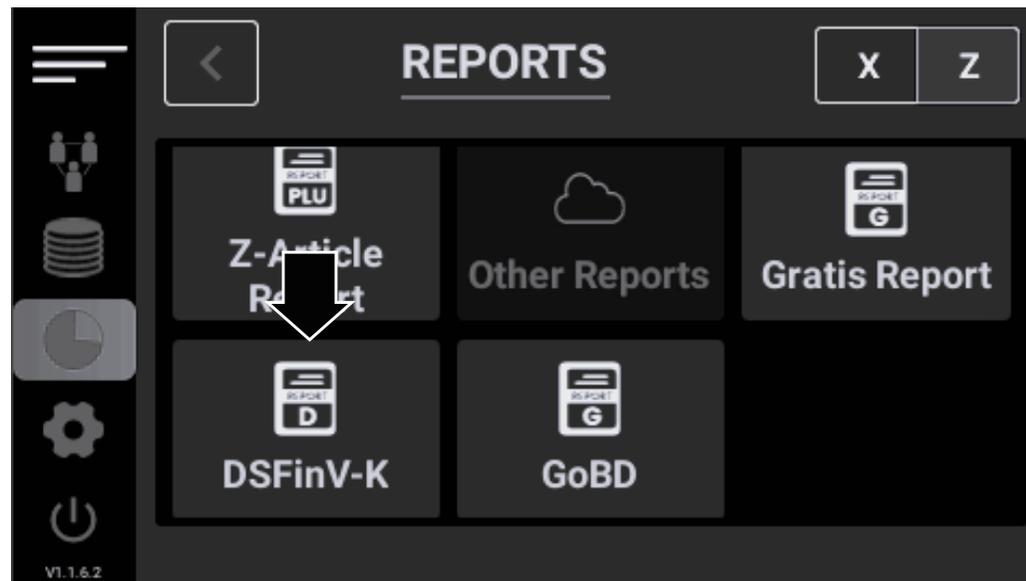


DSFinV-K

NOTE: Connect an external storage medium where the reports should be saved.

PREREQUISITE: You have connected a USB mouse.

- 1 Press the MENU button.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click on **Z** to switch the report type to Z-reports.
- 4 Click on **DSFinV-K** to open the menu.
- 5 Select the period for which the report should be created.
- 6 Click on **Export** to export the report.
- 7 Use the USB mouse to select the storage location for the export.
- 8 Confirm the export by clicking **Allow**.
 - ▶ You have exported the DSFinV-K data.

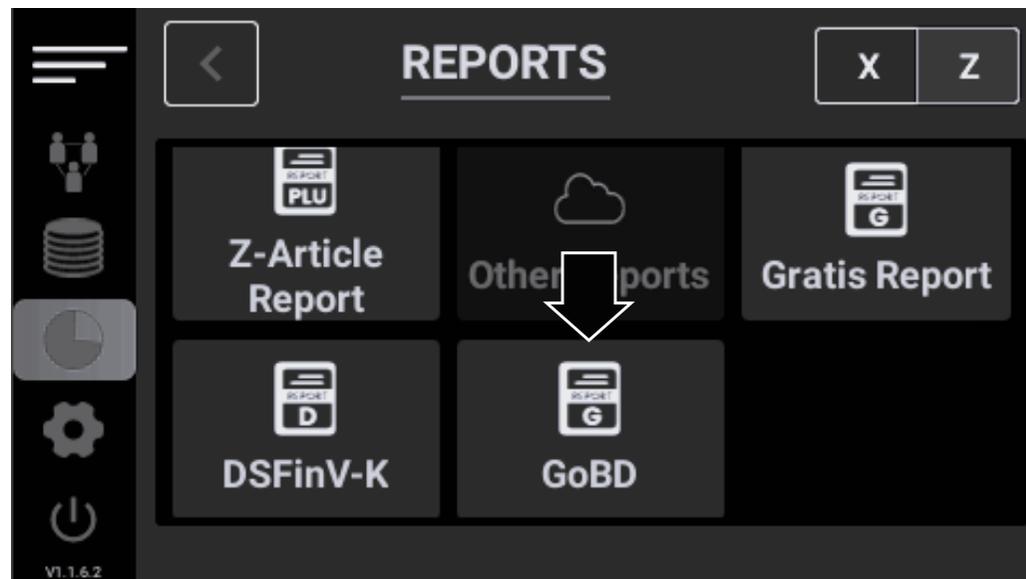


GoBD

NOTE: Connect an external storage medium where the reports should be saved.

PREREQUISITE: You have connected a USB mouse.

- 1 Press the MENU button.
- 2 Click on **Reports** in the navigation bar on the left.
- 3 Click on **Z** to switch the report type to Z-reports.
- 4 Click on **GoBD** to open the menu.
- 5 Select the period for which the report should be created.
- 6 Click on **Export** to export the report.
- 7 Use the USB mouse to select the storage location for the export.
- 8 Confirm the export by clicking **Allow**.
 - ▶ You have exported the GoBD data.



Configuration

In the **Configuration** menu, you can configure various settings for your cash register and adjust general options.

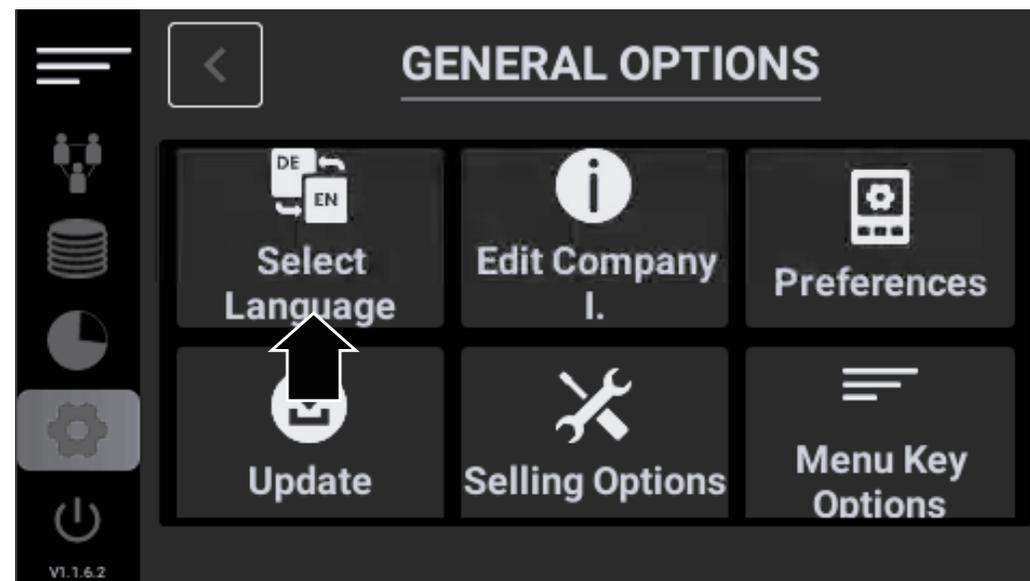
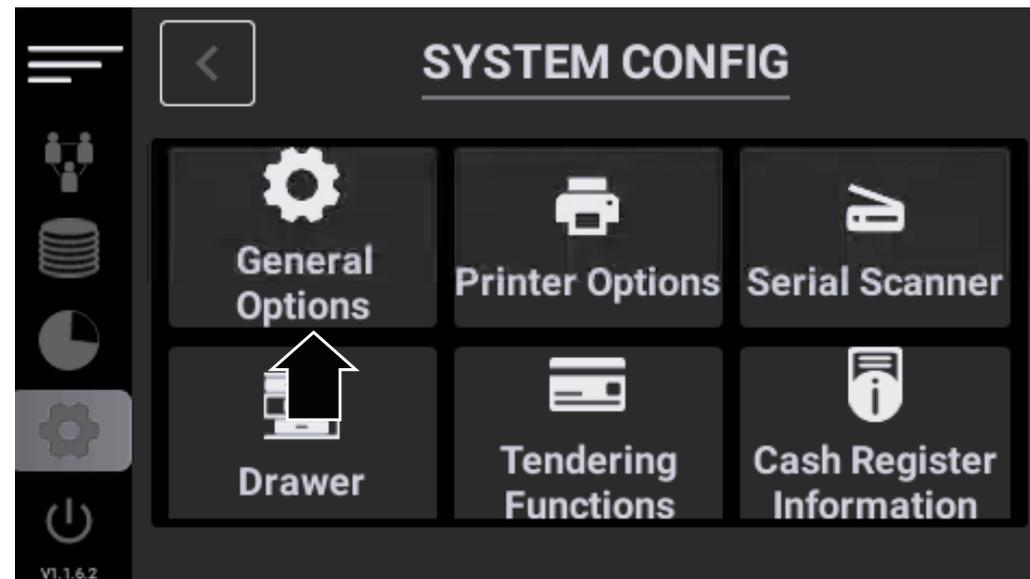
General

In the **General Options** menu, you can change the language, modify company information and import data. You can adjust your preferences, update the cash register, set up quick access to different menus, and configure the customer display settings.

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Click on **General Options** to open the menu.

Change Language

- 1 Click on **Select Language** to open the menu.
- 2 Select the desired language.
- 3 Confirm the selection by clicking **Save**.
 - ▶ You have successfully changed the language.



Change Company Information

- 1 Click on **Edit Company Information** to open the menu.
- 2 Adjust the company information as desired.
- 3 Confirm the entry by clicking **Save**.
 - ▶ You have successfully changed the company information.

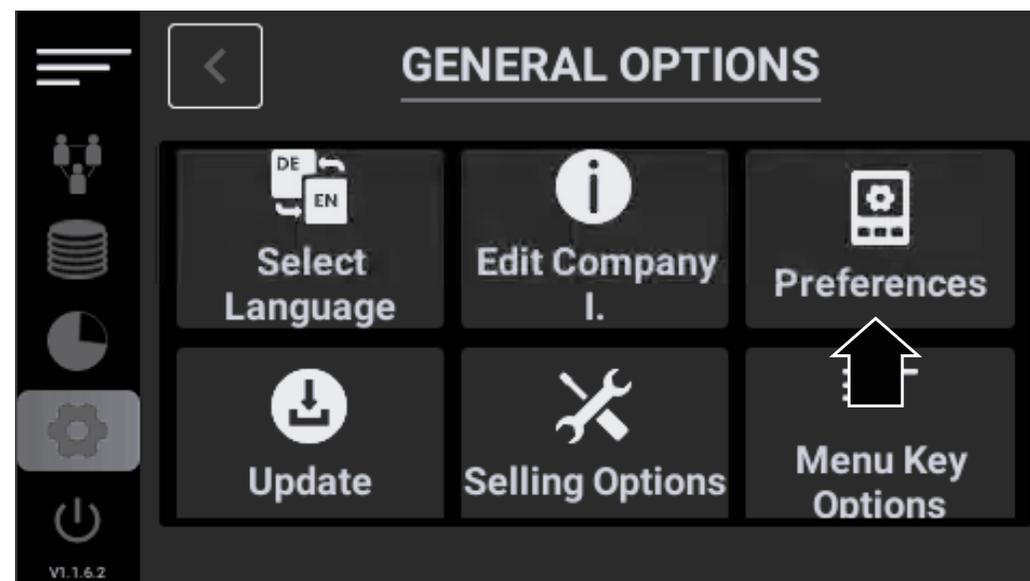
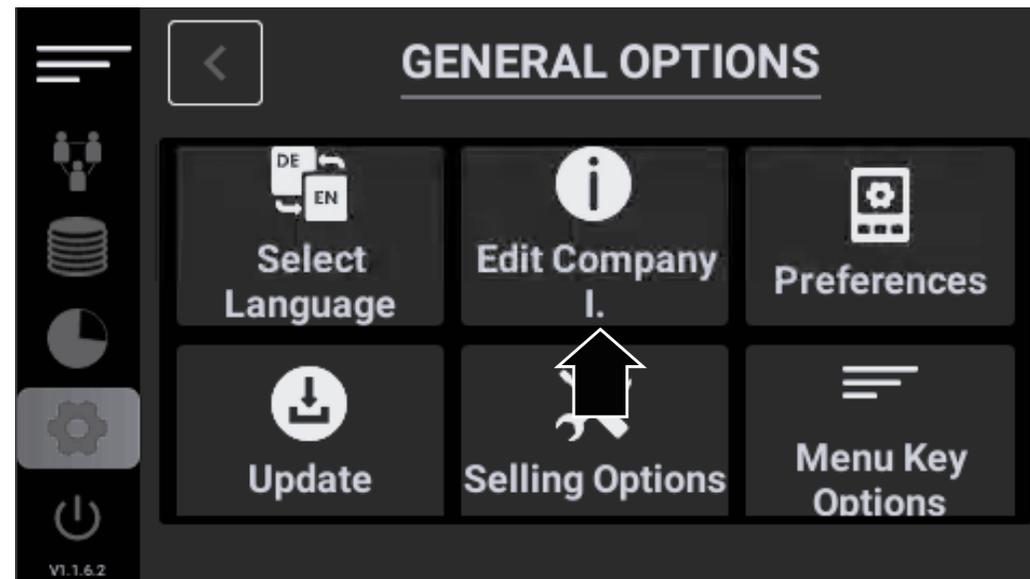
Adjust Preferences

- 1 Click **Preferences** to open the menu.
- 2 Choose whether the cash register is allowed to connect to an external customer display.

NOTE: This option can only be enabled if the register has a license for an external customer display. Otherwise, a warning will appear when attempting to activate it.

NOTE: The items TSE, GoBD, and DSFinV-K cannot be deactivated.

- 3 Choose whether the DCC Digital Twin should be active.
 - ▶ You have adjusted your preferences.



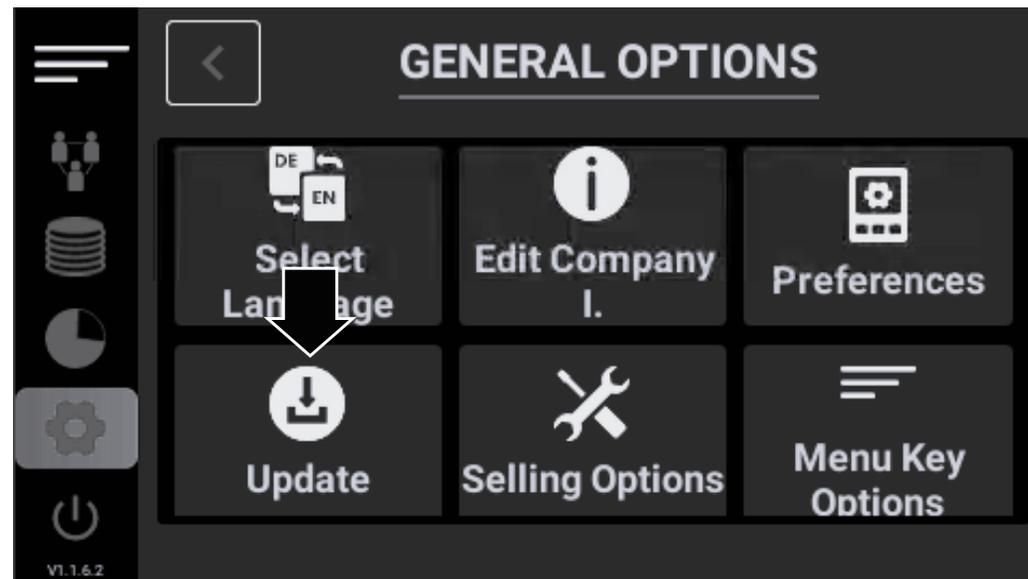
Automatically Update the Cash Register

NOTE: The cash register can automatically update when connected to the internet.

IMPORTANT: In accordance with legal requirements, please always install the latest version.

PREREQUISITE: You need a USB mouse for the update.

- 1 Click on **Update** to open the menu.
 - ▶ You will be prompted to create a z-Report.
- 2 Create a z-Daily Report (see chapter "Printing Daily Reports" on page 45).
- 3 Navigate back to the **General** menu.
- 4 Click on **Update**.
 - ▶ The cash register will now be updated.



Manually Update the Cash Register

NOTE: Check regularly if an update is available for your cash register.

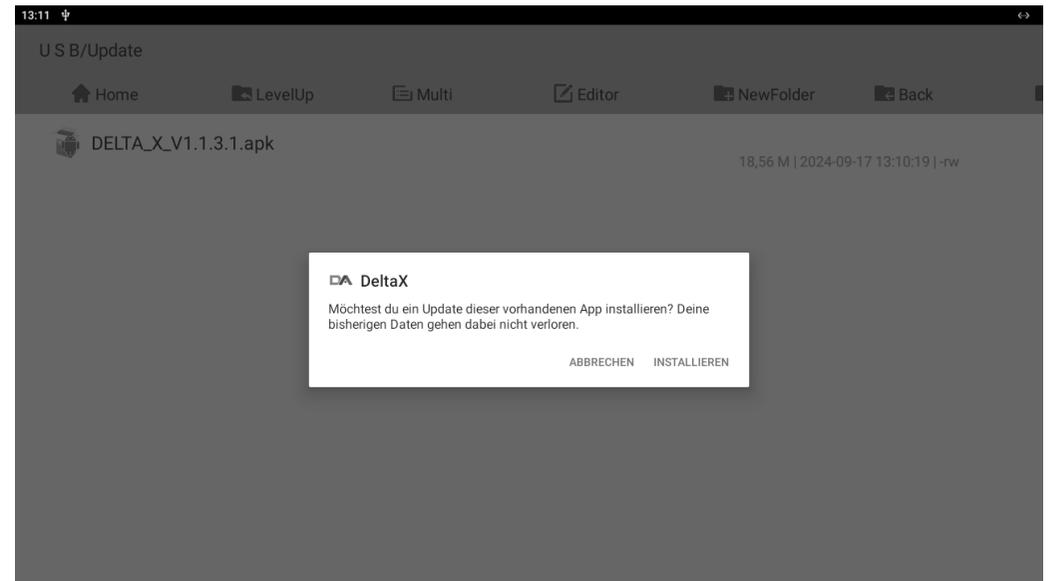
IMPORTANT: In accordance with legal requirements, please always install the latest version.

PREREQUISITE: You need a USB stick and a USB mouse to manually update the cash register.

- 1 Scan the QR code in the chapter “Update Information” on page 78 using a QR code scanner, e.g., with a smartphone.
- 2 Select the latest update.

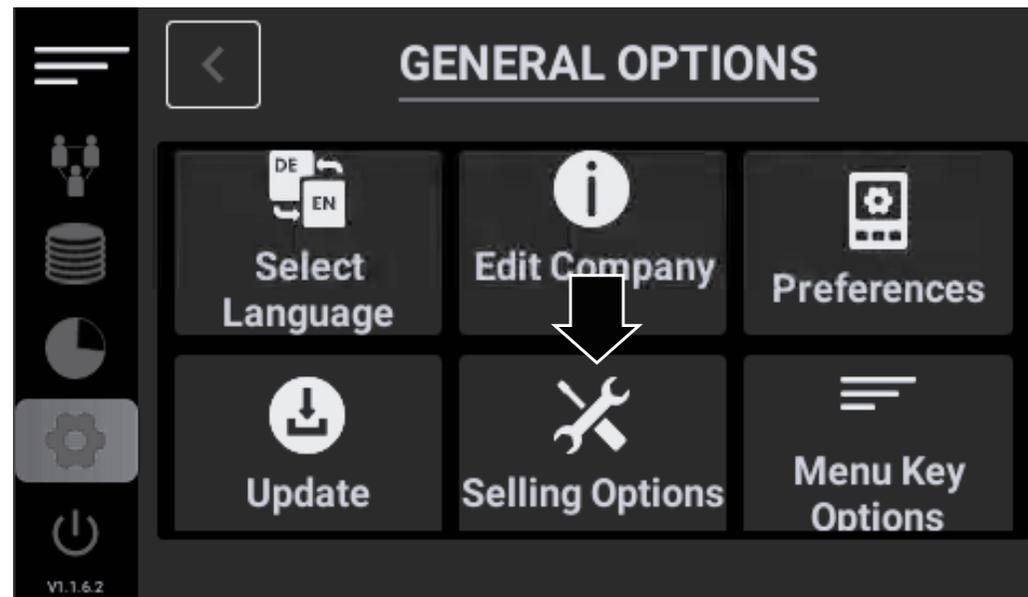
NOTE: Updates are named according to the following pattern: DELTAX_Version-Number

- 3 Save the update on a USB stick.
- 4 Connect the USB stick to the cash register.
- 5 Use the USB mouse to navigate to the bottom of the screen.
 - ▶ The Android menu bar will appear.
- 6 Click on the circle icon.
- 7 Click and hold the left mouse button and drag upward to open the app overview.
- 8 Click on the file icon (Explorer) to open the Explorer.
 - ▶ The names of connected devices will be displayed.
- 9 Select the desired USB stick.
- 10 Click on the update file.
- 11 Confirm the prompt by clicking **Install**.
 - ▶ The cash register will now update.



Adjust Selling Options

- 1 Click on **Selling Options** to open the menu.
- 2 Choose whether the operator should be logged out after the booking is completed.
- 3 Choose whether a sales limit should be activated and, if necessary, enter the amount.
- 4 Choose whether the keyboard level should be reset after PLU.
- 5 Choose whether a subtotal enforcement should be active.
- 6 Choose whether a sound should be played when a product is not found. You can also enable whether the sound should be repeated and whether it should be played through the speaker.
- 7 Choose whether the price level should be reset after the sales process.

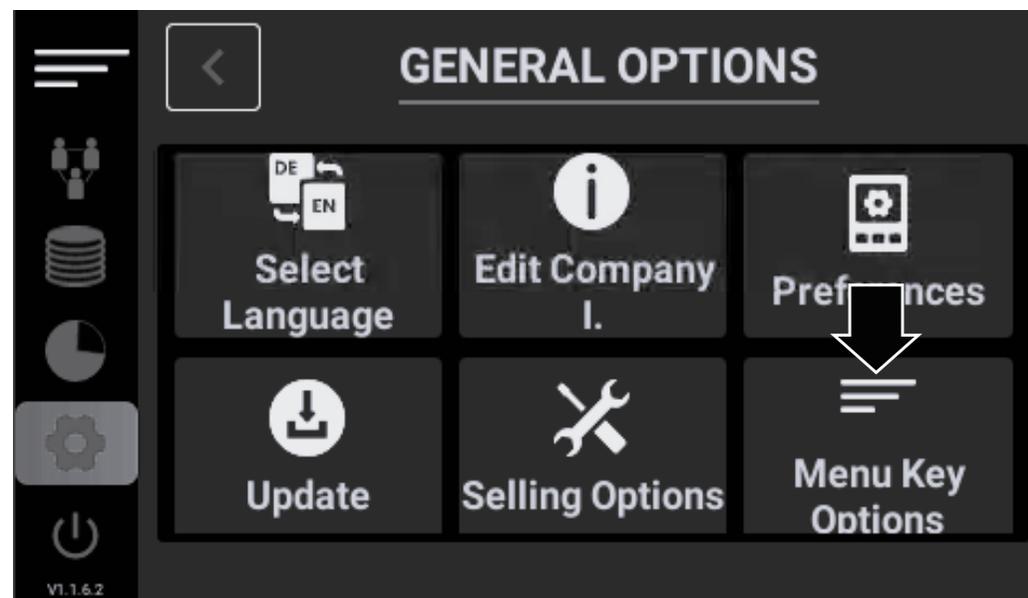


Menu key options

You can set direct shortcuts to various menus. Using a key combination, you can access the assigned submenu without having to browse through the menu.

- 1 Click on **Menu Key Options** to open the menu.
- 2 Select the number to which you want to assign a function.
- 3 Select the function you want to program.
- 4 Confirm your entry by clicking **Save**.

Example: Number 7 is selected and assigned the X-Daily Report function. When you return to the Sales View menu, the shortcut works as follows: Press the number key 7 and then the MENU button. The X-Daily Report page appears.

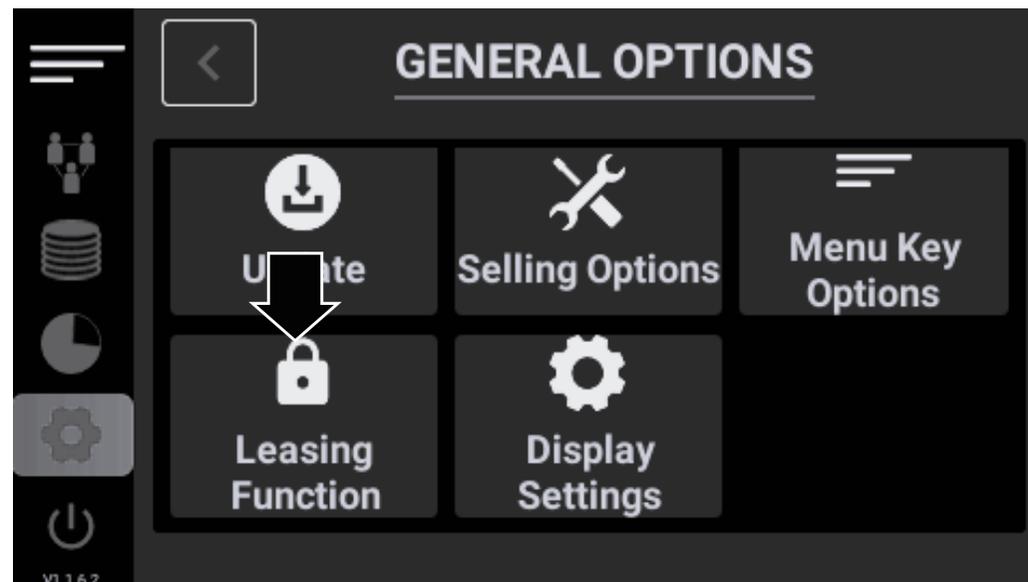


Leasing Function

In the **Leasing Function** menu, authorized dealers can set a date on which the register will automatically be locked. After this date is reached, the register can only be unlocked using a code provided by the authorized dealer.

NOTE: This function can only be executed by an authorized dealer.

- 1 Click on **Leasing Function** to open the menu.
- 2 Enter the number displayed under Device Lock in DCC at the register.
- 3 Confirm your input by clicking **Yes**.
- 4 Select the date on which the register should be locked.
- 5 Set a custom password.
- 6 Confirm your input by clicking **Lock Device**.
 - ▶ You have now set up the leasing function.



Display Settings

In the Display Settings, you can configure the external customer display.

NOTE: The use of the external customer display is an optional paid service that must be activated for you by Delta-A.

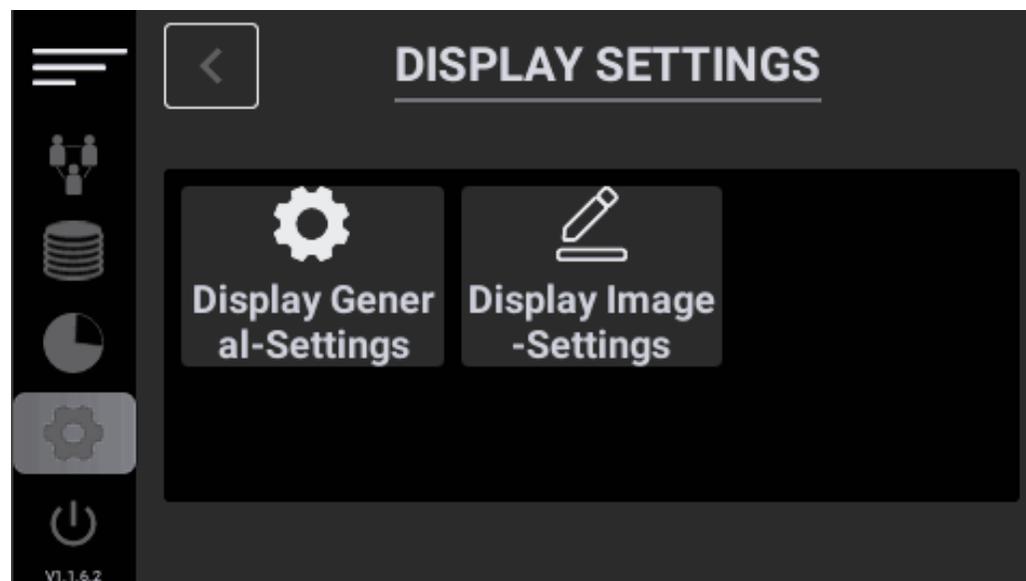
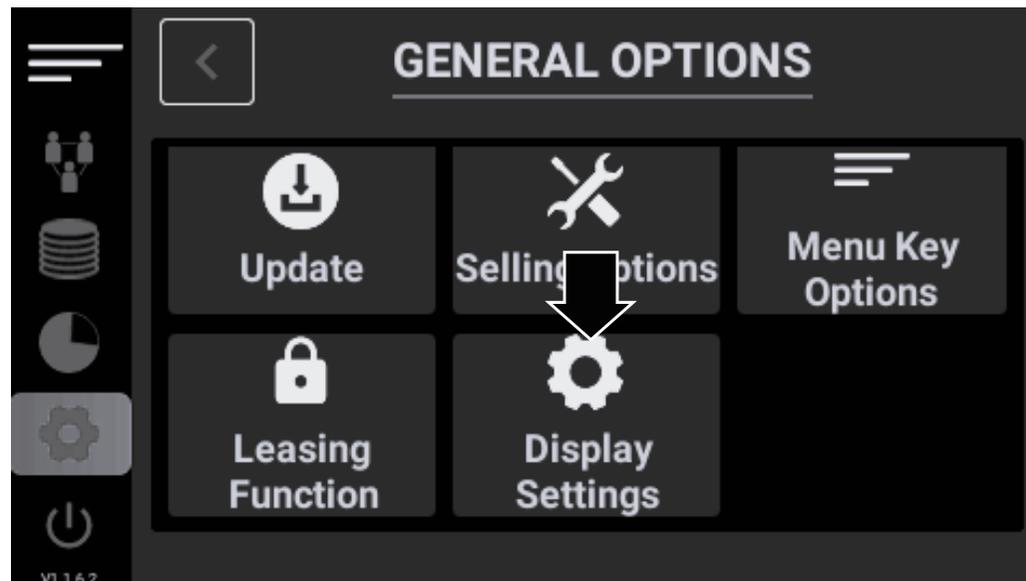
- 1 Click on **Display Settings** to open the menu.
- 2 Click on **General** to open the submenu.
- 3 Select whether the online receipt (QR code) should be enabled.
- 4 Enter the time in seconds for which each image in the slideshow should be displayed before automatically switching to the next one.
- 5 Enter the time in seconds to wait before the slideshow starts after the completion of a transaction.
- 6 Confirm your entries by clicking **Save**.

You can load images from Android storage and transfer them to the customer display.

- 1 Click on **Display Settings** to open the menu.
- 2 Click on **Images** to open the submenu.
- 3 Click on **Images from Gallery** to access the Android storage.
- 4 All compatible images will be loaded and displayed in the menu.
 - ▶ Click on the images you want to transfer to the customer display.
- 5 Klicken Sie auf die Bilder, die Sie an das Kundendisplay übertragen möchten.
- 6 Confirm your selection by clicking **Save**.

You can delete images that have already been transferred to the customer display by following these steps:

- 1 Repeat steps 1 and 2.
- 2 Tap and hold the image you want to delete.
- 3 Confirm the dialog box by clicking **Yes**.



Printer options

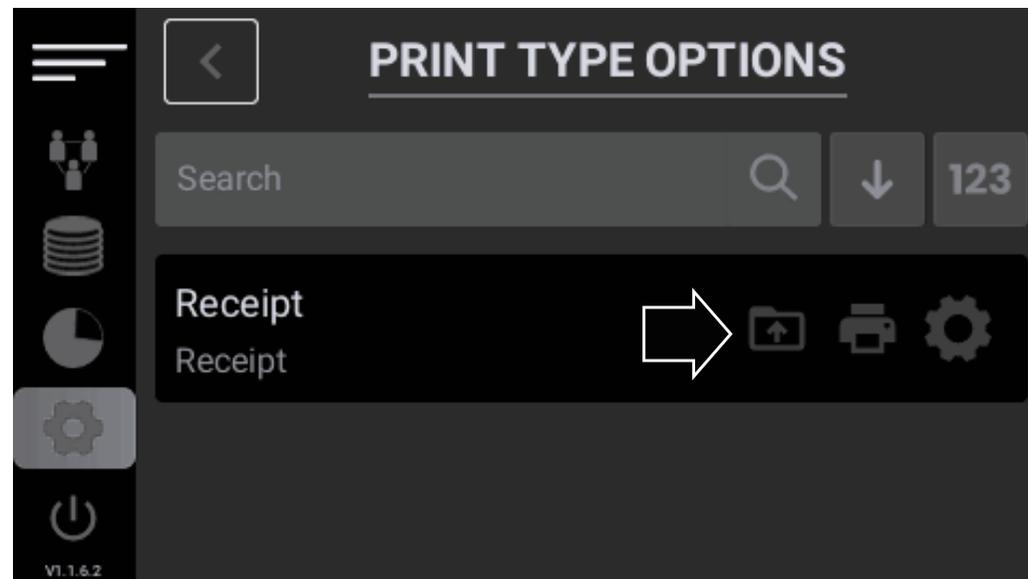
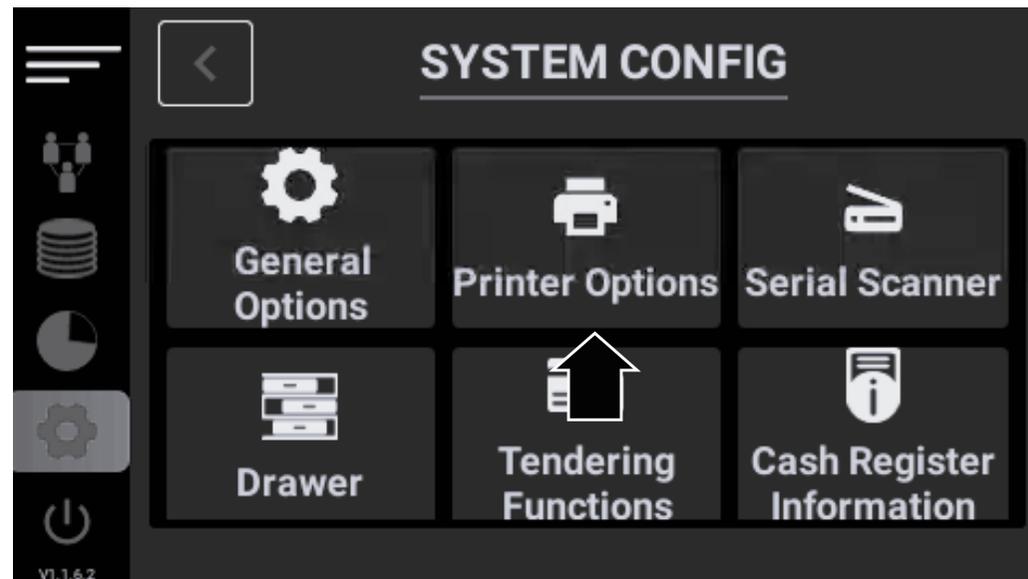
In the menu **Printer options**, you can adjust the printer type.

NOTE: You cannot delete the printer type.

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Click on **Printer options** to open the menu.
- 4 Click on **Print type options** to open the menu.

Perform Test Print

- 1 Click on **Printer Type** to open the menu.
- 2 Click on the folder icon with an arrow to select the desired test print.
 - ▶ You have performed a test print.



Prohibit printing

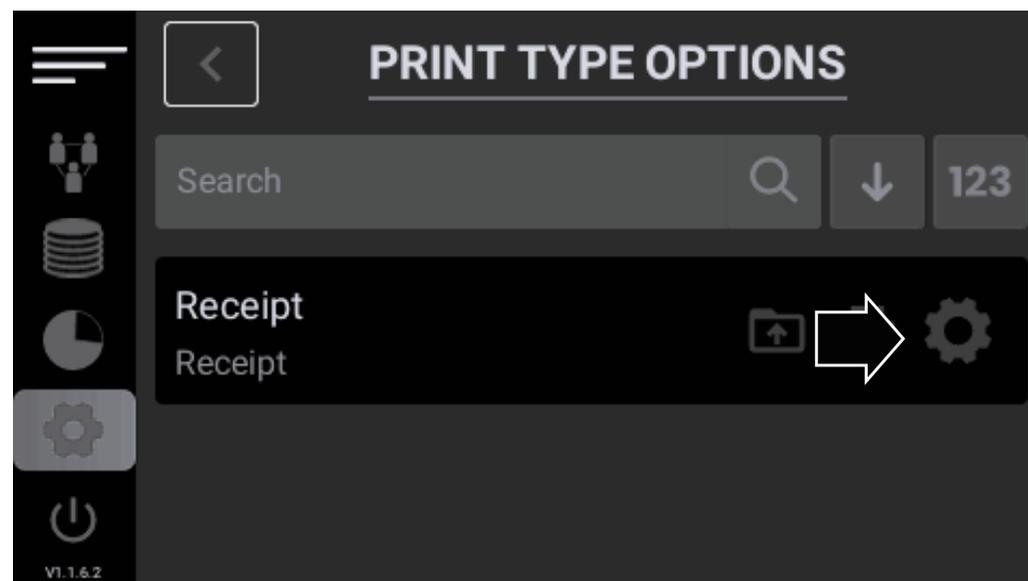
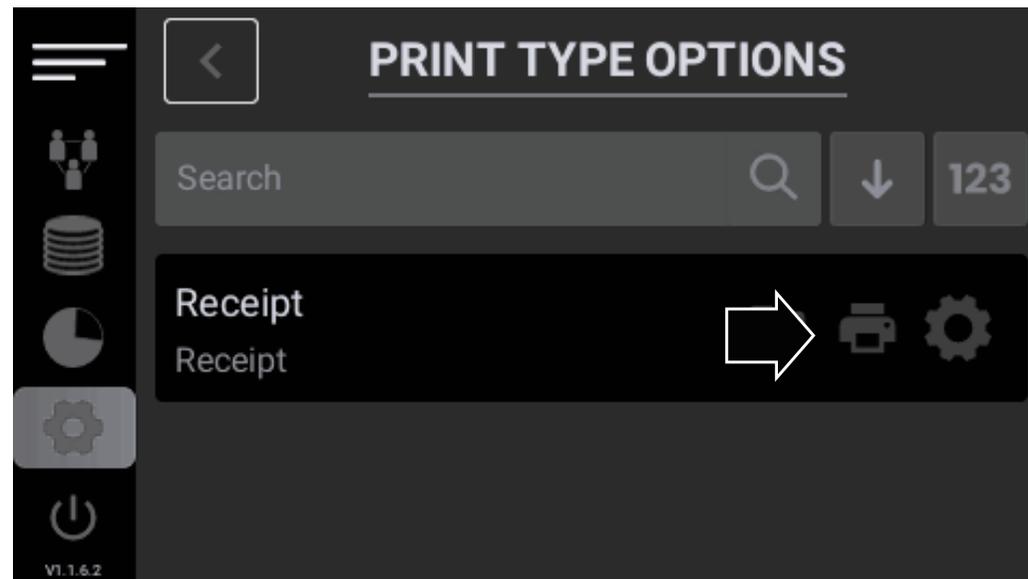
- 1 Click on the printer icon next to the printer.
 - ▶ The printer icon is crossed out.
 - ▶ The printer icon is crossed out.

Allow printing

- 1 Click on the printer icon next to the printer.
 - ▶ You have allowed printing for this printer.

Adjust printer type

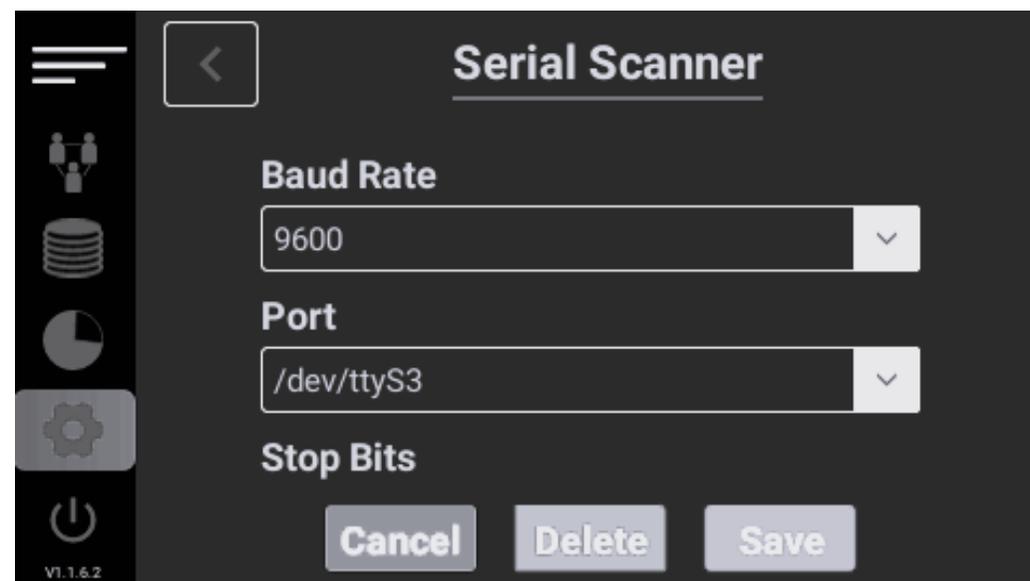
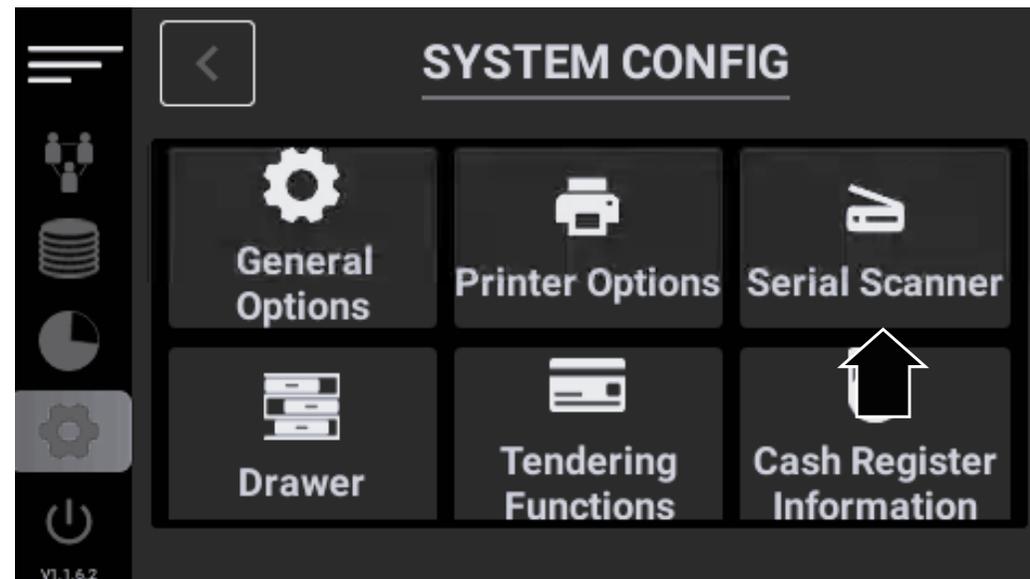
- 1 Click on **Printer type** to open the menu.
- 2 Click on the gear icon next to the printer.
- 3 Adjust the receipt as desired.
- 4 Confirm your selection by clicking **Update**.
 - ▶ You have changed the appearance of the receipt.



Serial-port Scanner

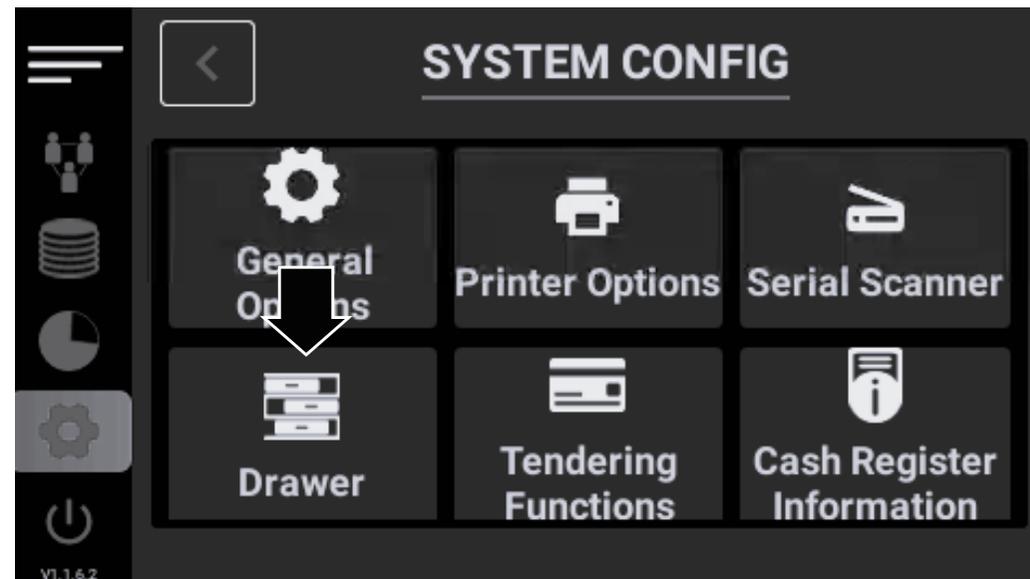
In the **Serial-port Scanner** menu, you can configure the serial communication parameters.

- 1 Connect the scanner to your POS system.
- 1 Press the MENU button.
- 2 In the left navigation bar, click on **Configuration**.
- 3 Click on **Serial-port Scanner** to open the menu.
- 4 Select the baud rate of your scanner.
- 5 Select the port.
- 6 Enter the values provided by your scanner for stop bits, data bits, parity, and flow control.
- 7 Confirm your entries by clicking **Save**.
 - ▶ You have now activated the scanner.



Manage cash drawers

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Click on **Drawer** to open the menu.

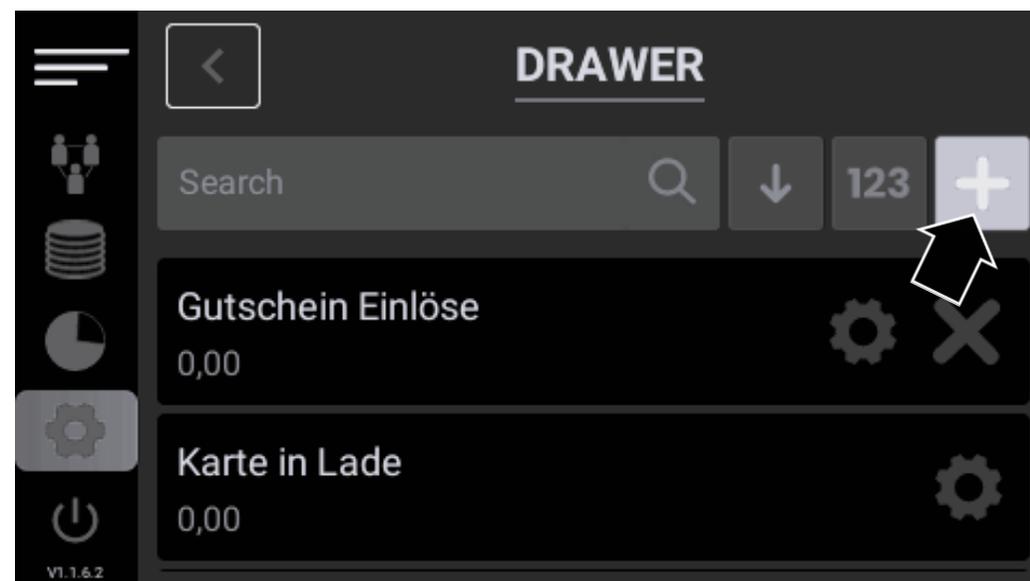


Add new cash drawer

- 1 Click on the plus sign.
- 2 Enter a name for the new cash drawer.
- 3 Select the cash drawer type: physical or virtual.

NOTE: The virtual type is used when no cash drawer is connected or when a transaction is completed with card payment. The physical type is used when a cash drawer is connected or when a transaction is completed with cash payment.

- 4 Confirm your entries by clicking **Save**.
 - ▶ You have added a new cash drawer.



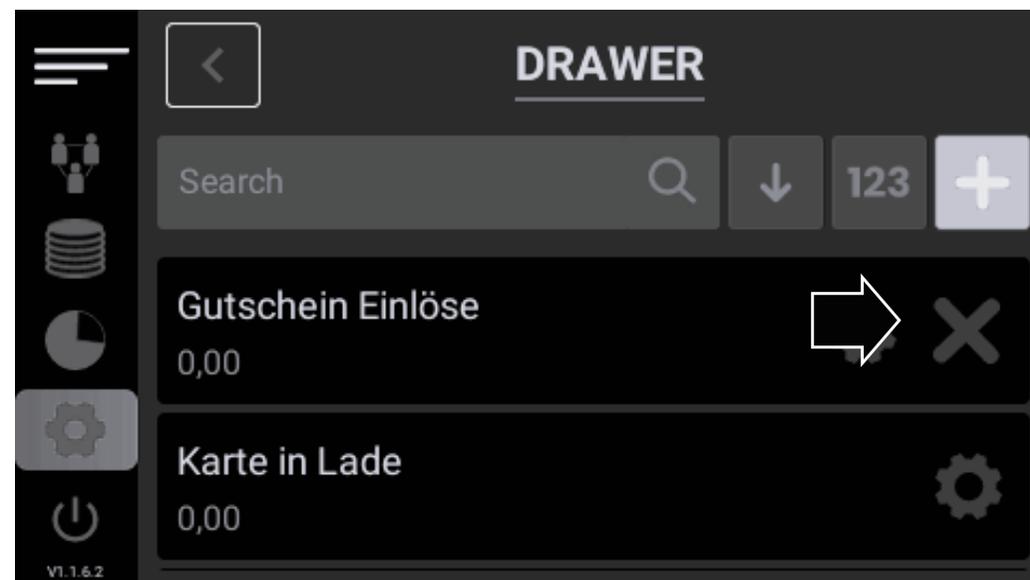
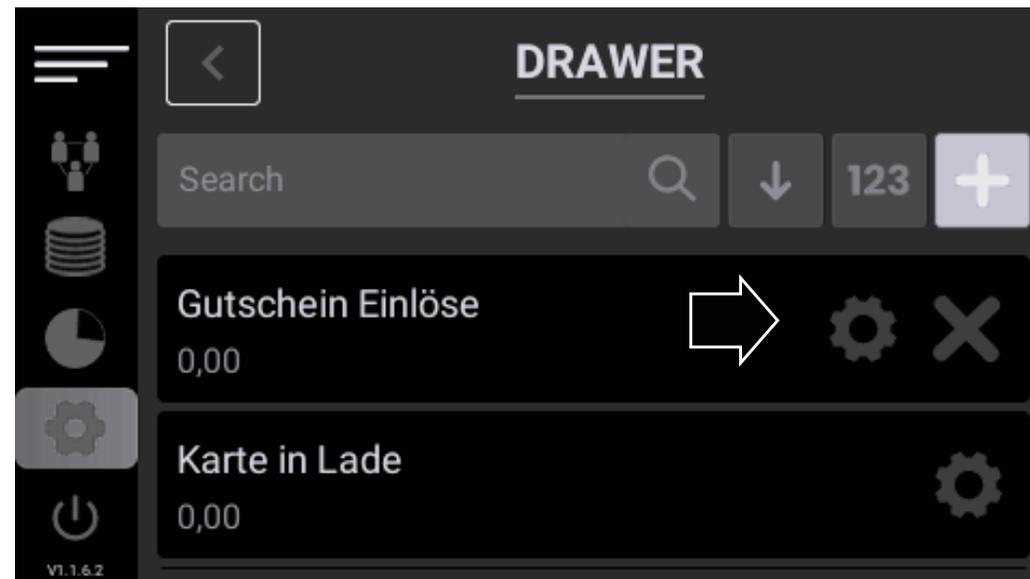
Adjust existing cash drawer

- 1 Click on the gear icon next to the cash drawer you want to adjust.
- 2 Adjust the cash drawer as desired.
- 3 Confirm your entries by clicking **Update**.
 - ▶ You have adjusted the cash drawer.

Delete existing cash drawer

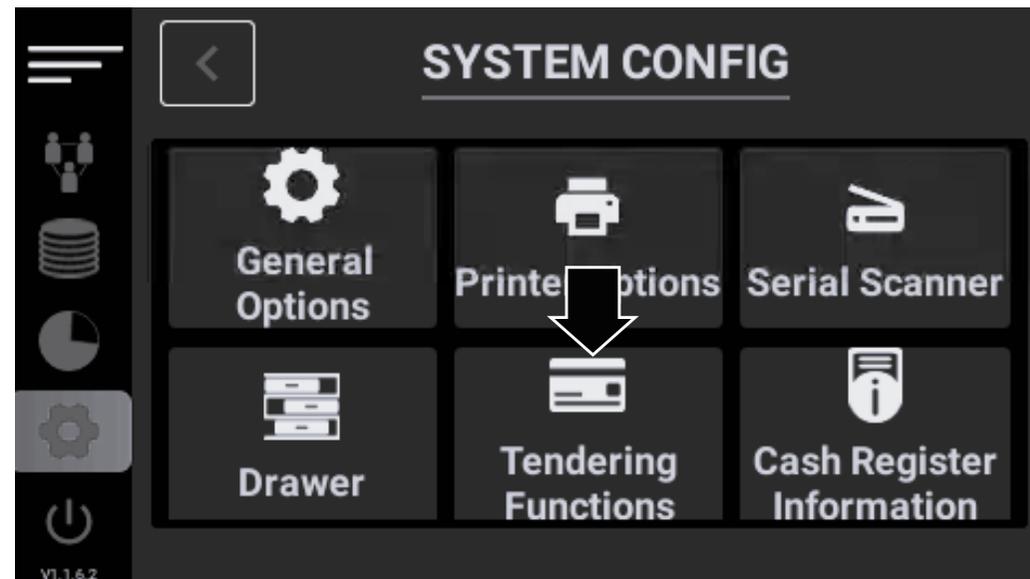
NOTE: Pre-installed cash drawers cannot be deleted.

- 1 Click on the cross next to the gear icon to delete the desired cash drawer.
- 2 Confirm your selection by clicking **Yes**.
 - ▶ You have deleted the cash drawer.



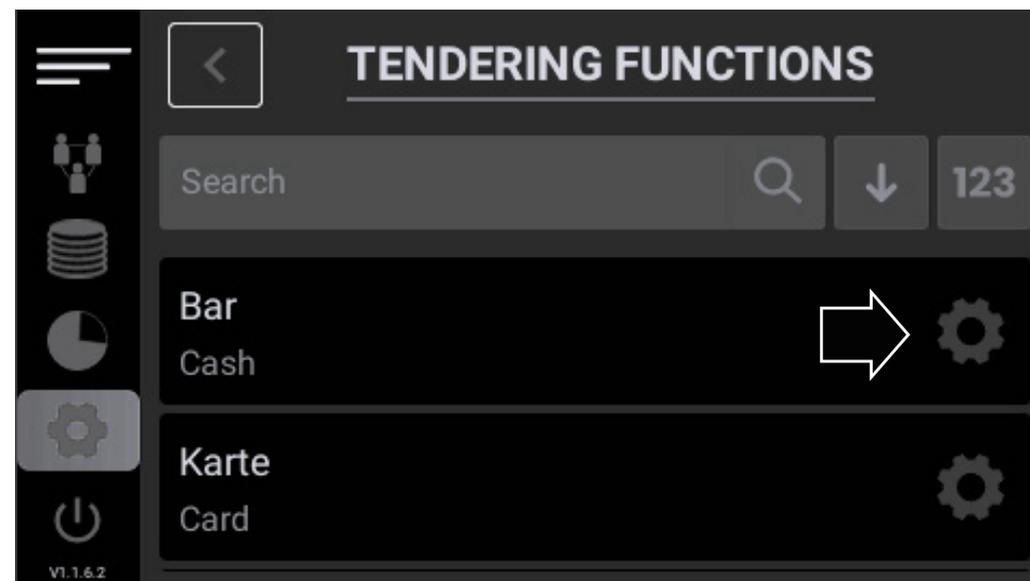
Tendering functions

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Click on **Tendering Functions** to open the menu.



Adjust Existing Payment Method

- 1 Click on the gear icon next to the payment method you want to adjust.
- 2 Adjust the payment method as desired.
- 3 Confirm your entries by clicking **Update**.
 - ▶ You have adjusted the payment method.



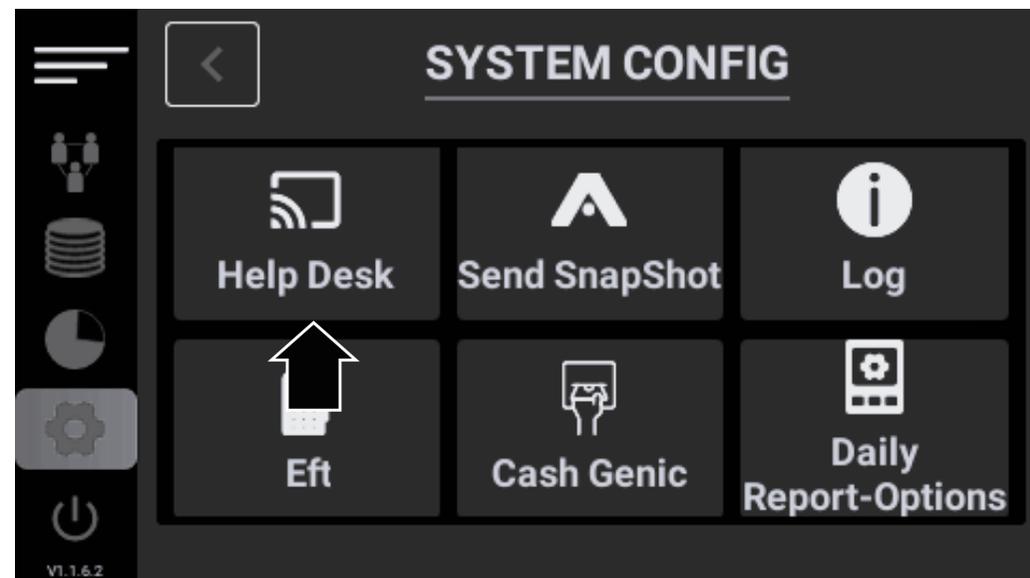
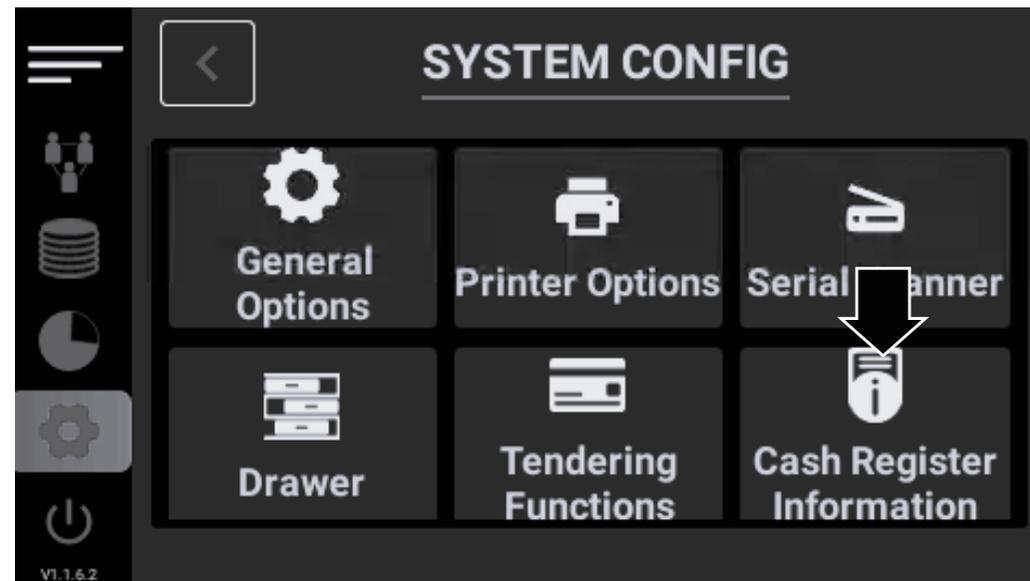
Cash Register

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Click on **Cash Register** to display the cash register information.
- 4 Click on **Print** to print the cash register information.
 - ▶ The information about the cash register will be printed.

Help Desk

In the **Help Desk** menu, you can create a support ticket, exit the app, ping IP addresses, and check the connection. Support staff can view the POS screen to assist you.

- 1 Press the MENU button.
- 2 In the left navigation bar, click on **Configuration**.
- 3 Click on **Help Desk** to open the menu.
- 4 To return to the POS menu, click on **DeltaX**.
- 5 Click **Connect** to share your screen with support.
- 6 Click **Force Close DeltaX** to exit the DeltaX app.
- 7 Create a ticket to send a message to support and request assistance.
- 8 Enter an IP address and click **Ping** to check the connection to that IP address.



Send Data to Support

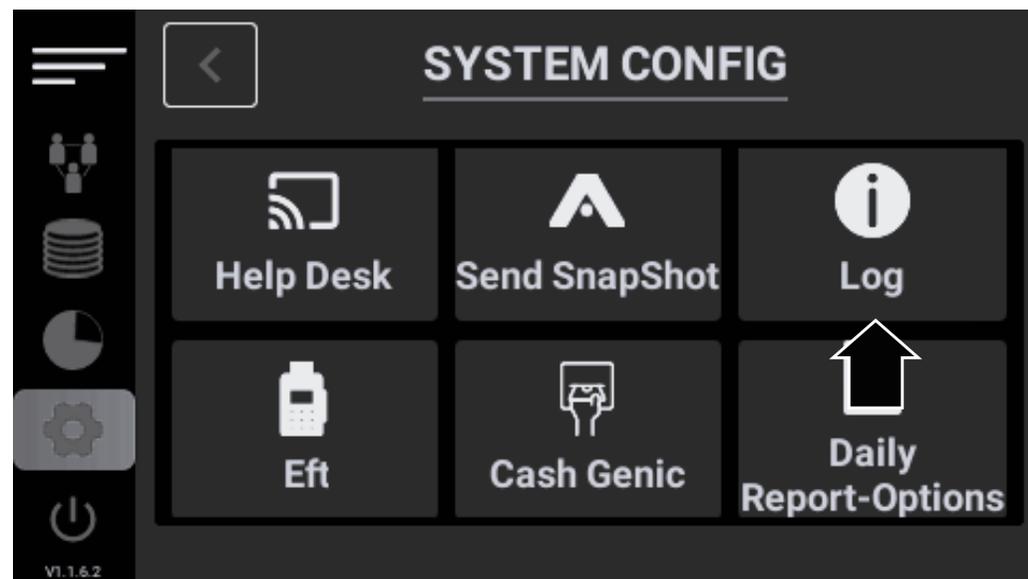
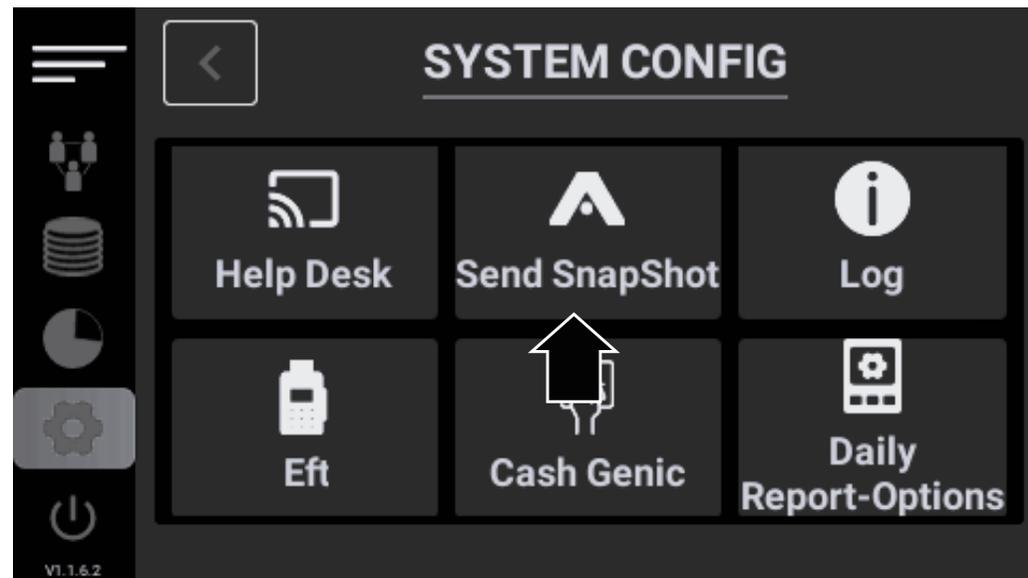
The cash register stores error reports when the cash register app crashes. These error reports can be sent to Noris Kassensysteme GmbH or Delta-A for analysis.

PREREQUISITE: The cash register must be connected to the Internet.

- 1 In case of an issue, contact the customer service of Noris Kassensysteme GmbH and provide the serial number of your cash register.
 - ▶ The customer service will contact you with further instructions.
- 2 Press the MENU button.
- 3 Click on **Configuration** in the navigation bar on the left.
- 4 Click on **Send SnapShot** to send an error report to Noris Kassensysteme GmbH.

Log

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Scroll down using the DOWN button.
- 4 Click on **Log** to view the changes in the cash register software.



Eft

NOTE: The use of a payment terminal is an optional, paid service that must be activated for you by Delta-A.

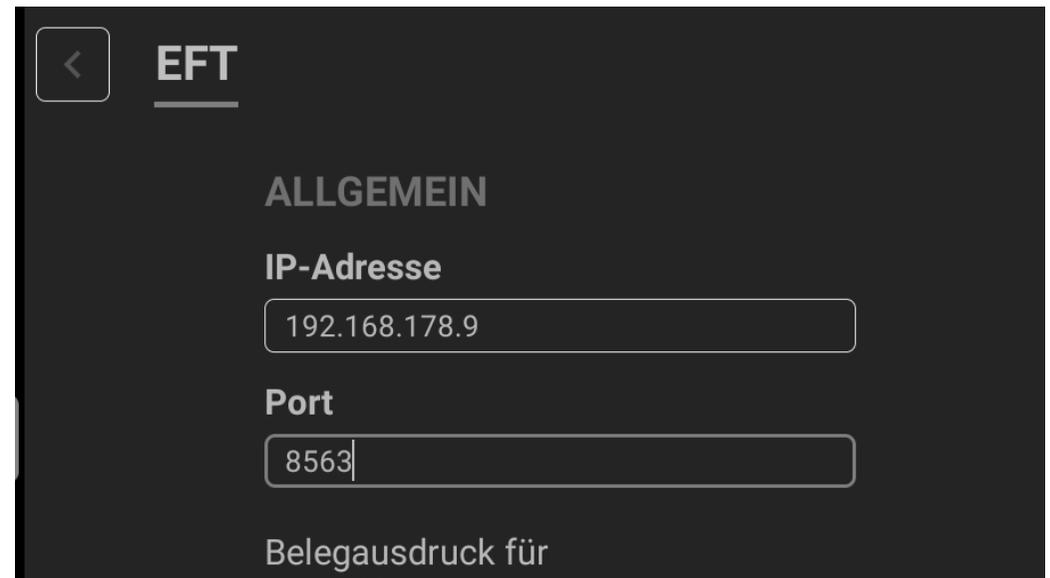
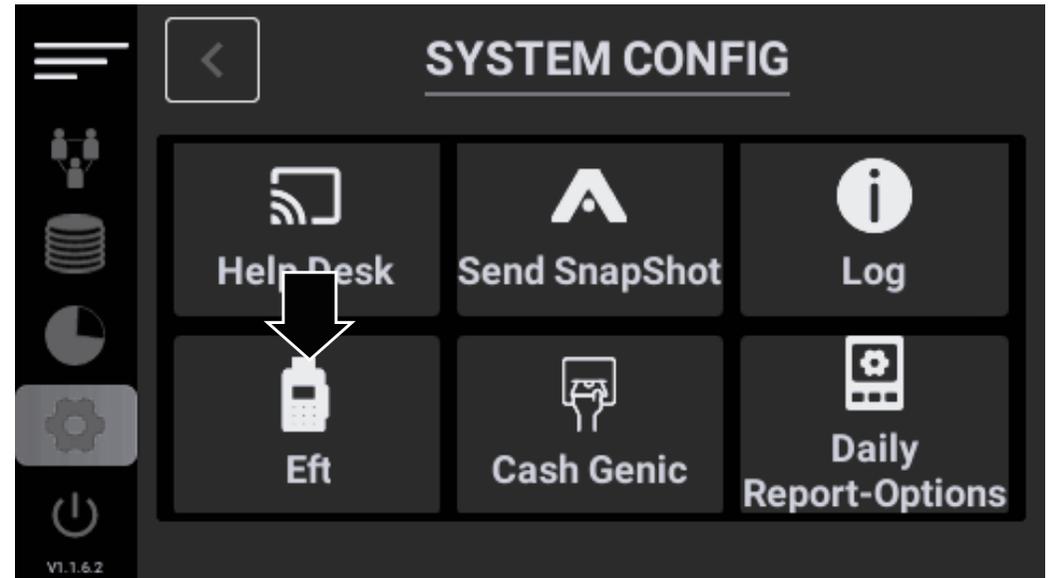
NOTE: Use only network terminals and only terminals that support the ZVT-700 protocol..

NOTE: Ensure that ZVT is activated on your payment terminal. If necessary, contact the manufacturer.

- 1 Connect the payment terminal to the cash register.
- 2 Press the MENU button.
- 3 Click on **Configuration** in the navigation bar on the left.
- 4 Scroll down using the DOWN button.
- 5 Click on **Eft** to open the menu.

NOTE: If you have not requested the service, an information window will appear with contact details from Delta-A for booking the use of the payment terminal.

- 6 Enter the IP address of your payment terminal.
- 7 Enter the port of your payment terminal.
- 8 Confirm your entries by clicking **Save**.
 - ▶ You have activated the payment terminal.



Daily Report Settings

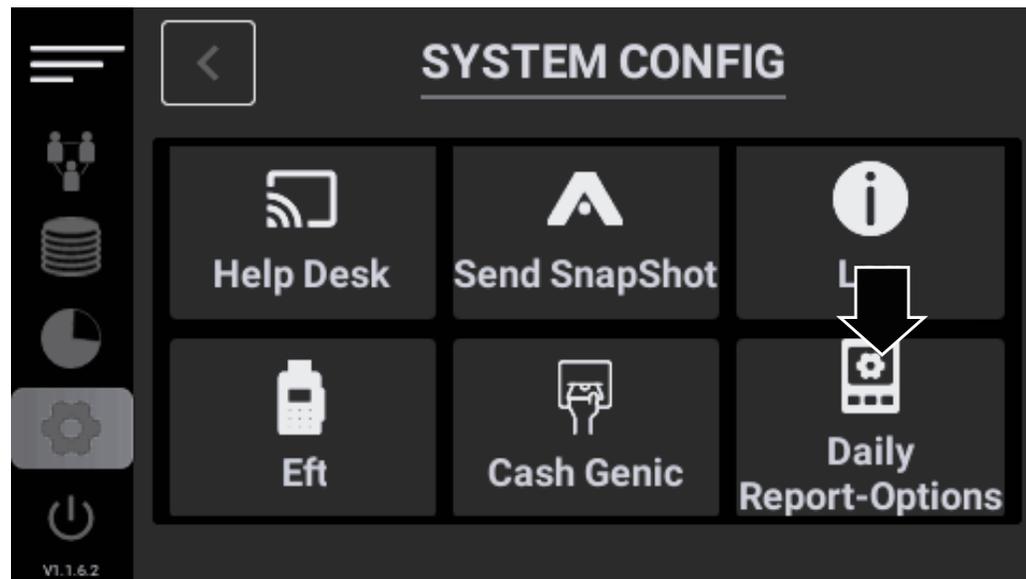
You can adjust the appearance and information on the daily report.

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Scroll down using the DOWN button.
- 4 Click on **Daily Report Options** to open the menu.
- 5 Choose whether groups should appear on the daily report.
- 6 Choose whether product groups should appear on the daily report.
- 7 Choose whether discounts should appear on the daily report.
- 8 Choose whether corrections (returns, cancellations) should appear on the daily report.
- 9 Choose whether printing a daily report should trigger the EFT closing report.

NOTE: This function is only available if a payment terminal is connected.

- 10 Choose whether the drawer should be opened after Z-Report.
- 11 Choose whether the article report should not be sent to DCO.
- 12 Choose whether entering the total for KSA-report should be possible.
- 13 Choose whether the logged in operator should be logged out after KSA-Report.
- 14 Choose whether the single staff reports should be deleted after z daily report.
- 15 Choose whether printing z daily report should trigger the multi-staff report.
- 16 Choose whether the z daily report should not be printed.
- 17 Choose whether the z daily report should be generated automatically.
- 18 Confirm your entries by clicking **Save**.

► You have modified the information on the daily report.

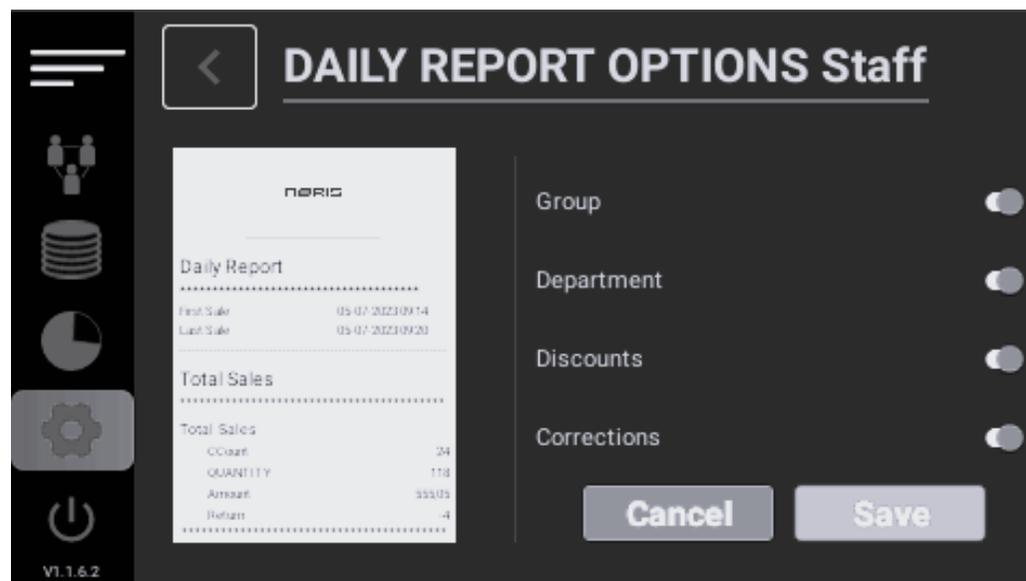
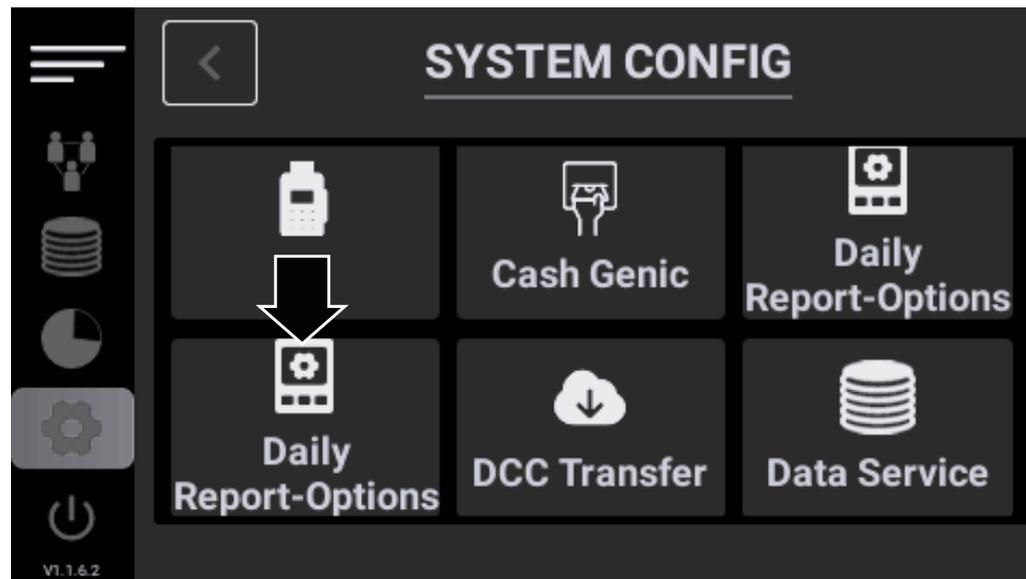


Daily Report Settings – Operator

You can customize the layout and information displayed on the operator's daily report.

NOTE: This option can be enabled when the register is connected to the DCO in order to avoid unnecessary paper usage.

- 1 Press the MENU button.
- 2 In the left navigation bar, click on **Configuration**.
- 3 Scroll down using the DOWN button.
- 4 Click on **Report Settings – Operator** to open the menu.
- 5 Choose whether groups should appear on the operator daily report.
- 6 Choose whether product groups should appear on the report.
- 7 Choose whether discounts should appear on the report.
- 8 Choose whether corrections (returns, cancellations) should appear on the report.
- 9 Confirm your entries by clicking **Save**.
 - ▶ You have now customized the information displayed on the operator daily report.



Delta Cloud Configurator (DCC) Transfer

The Delta Cloud Configurator is the back-office solution for authorized dealers to remotely control and configure the POS system.

You can upload all POS data to the DCC or download changes from the DCC.

REQUIREMENT: This function is available only if an authorized dealer has added the POS system to their DCC dealer account. Otherwise, you will receive a notification and be redirected back to the configuration view.

- 1 Press the MENU button.
- 2 In the left navigation bar, click on **Configuration**.
- 3 Scroll down using the DOWN button.
- 4 Click on **DCC Data Transfer** to open the menu.

Download Data from DCC

- 1 If required, enter the code for the DCC data import.

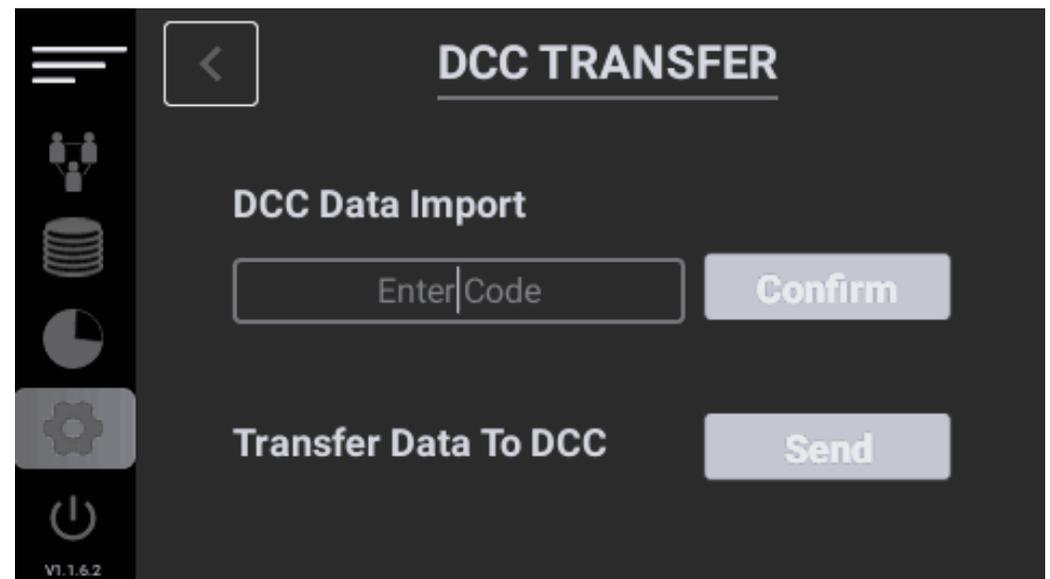
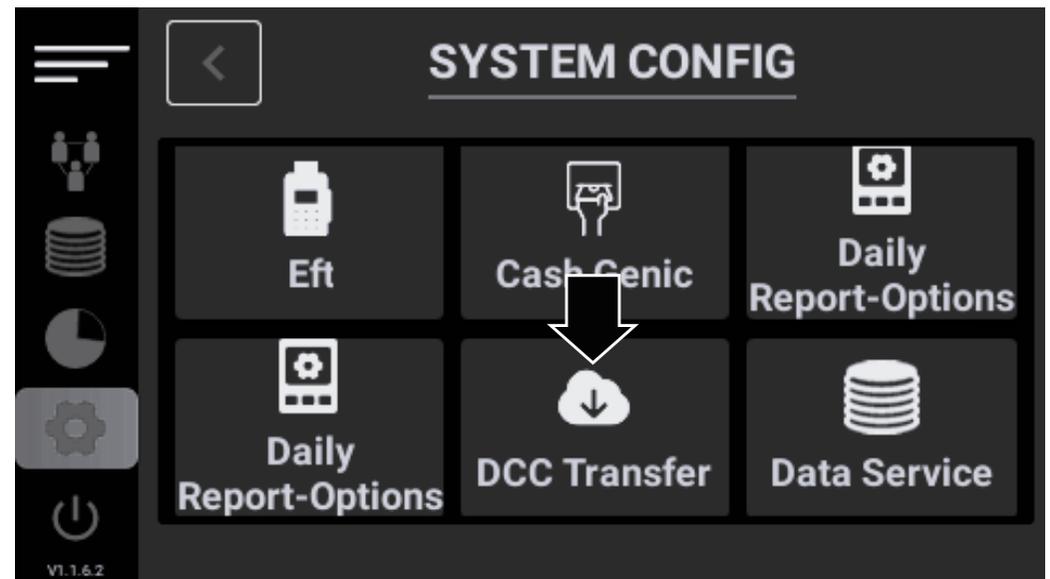
NOTE: If you wish to download data from the DCC, you may be prompted to enter a code. This code is provided by the authorized dealer who sent the changes or data to the POS system.

- 2 Confirm your entry by clicking **Confirm**.
 - ▶ You have downloaded the data from the DCC. The changes have been automatically applied to the POS system.

Upload Data to DCC

- 1 Click on **Send** to start the upload process.
 - ▶ You have uploaded all POS data (excluding reports) to the DCC.

NOTE: If the DCC Twin option is enabled in the preferences, any changes made on the POS will automatically be uploaded to the digital twin in the DCC.



Data Service

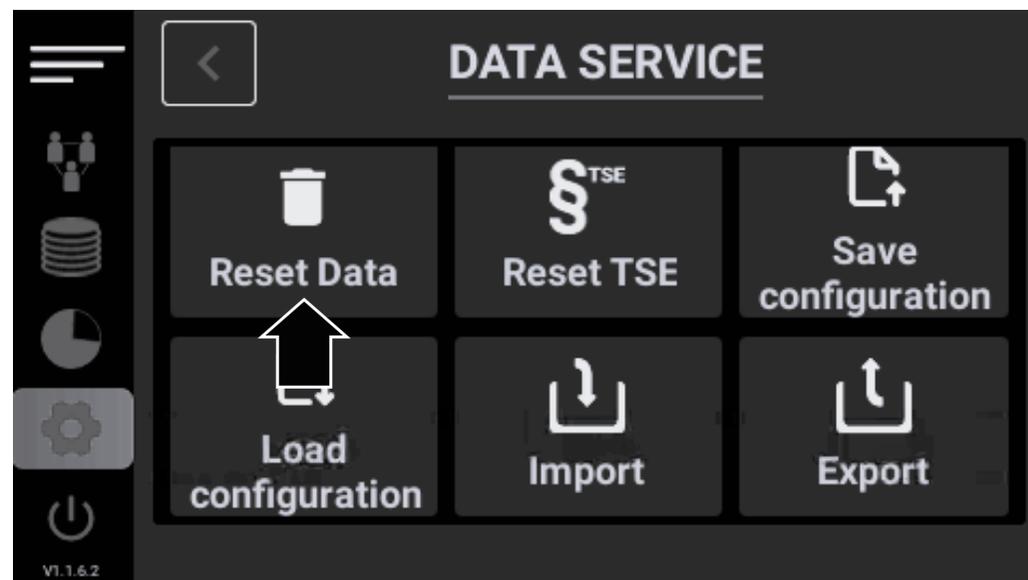
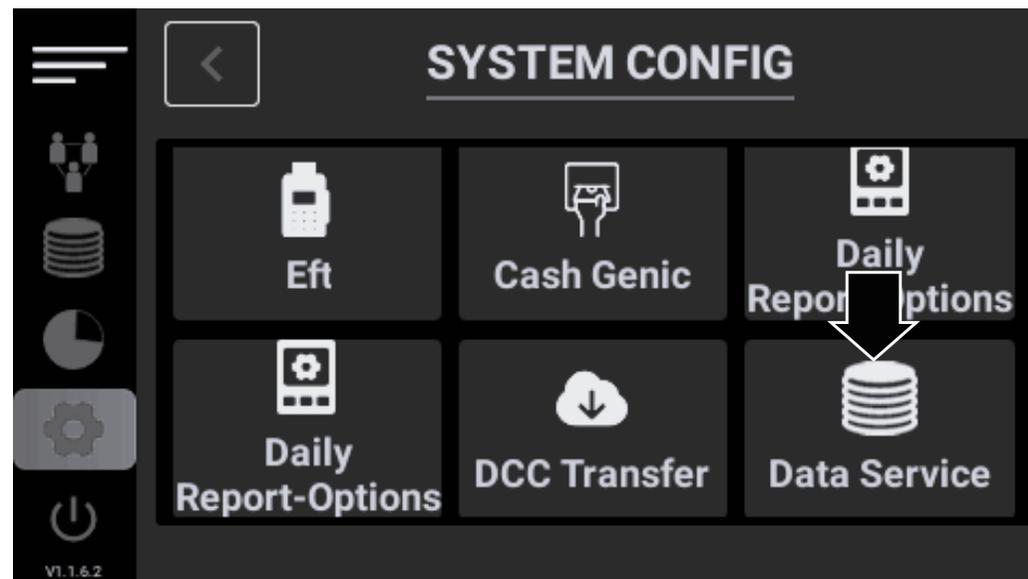
In the **Data Service** menu, you can reset all data of the POS app, save the configuration of the cash register, or load a configuration from a file onto the cash register.

- 1 Press the MENU button.
- 2 Click on **Configuration** in the navigation bar on the left.
- 3 Scroll down using the DOWN button.
- 4 Click on **Data Service** to open the menu.

Reset Data

NOTE: Save all data from the POS app to an external storage medium before re-setting the cash register! All unsaved data will be lost.

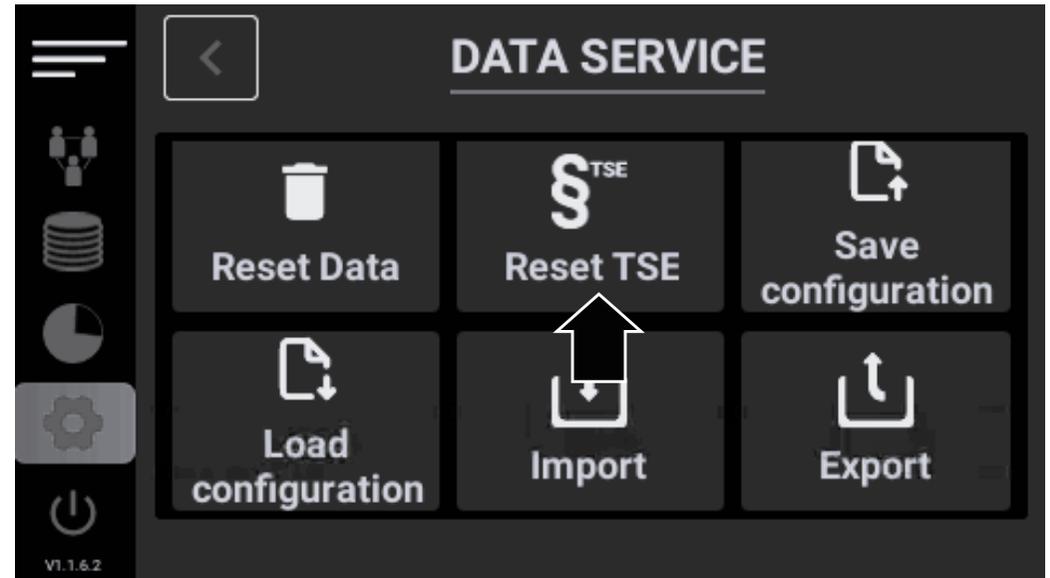
- 1 Click on **Reset Data**.
 - ▶ You will be prompted to generate a Z-report.
- 2 Create a Z-daily report (see the chapter "Printing Daily Reports" on page 45).
- 3 Navigate back to the **Data Service** menu.
- 4 Click on **Reset Data**.
- 5 Enter the password to reset the data.
- 6 Confirm your selection by clicking **Yes**.
 - ▶ All data backups, including TSE, DSFinV-K, and GoBD, will be deleted!



Reset TSE

NOTE: Back up all data from the TSE stick to an external storage device before re-setting the TSE! All unsaved data will be lost.

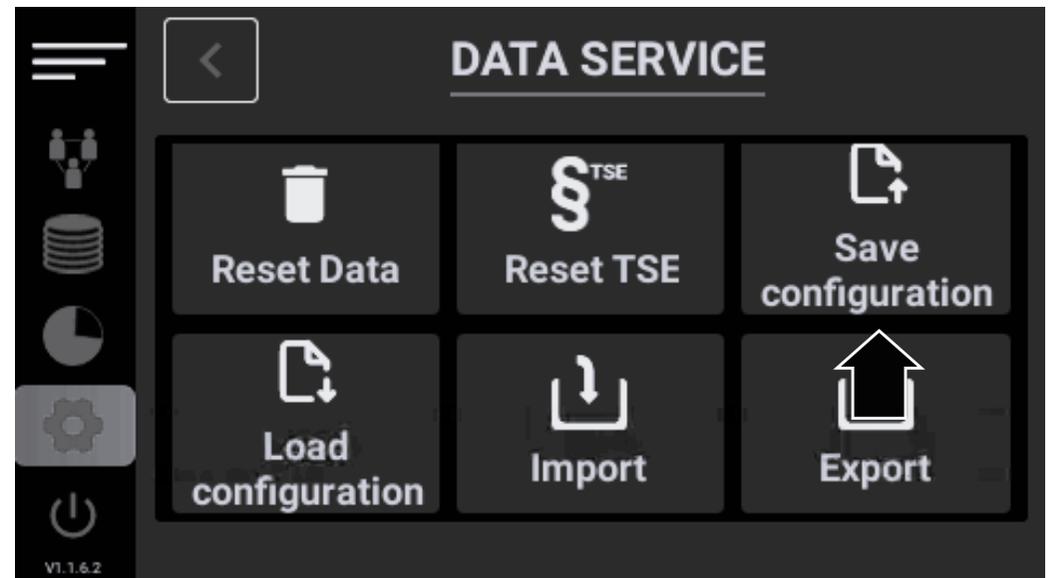
- 1 Click on **Reset Tse**.
- 2 Enter the password to reset the TSE.
- 3 Click on **Yes** to confirm the reset.
 - ▶ The latest TSE status information will be deleted!



Save Configuration

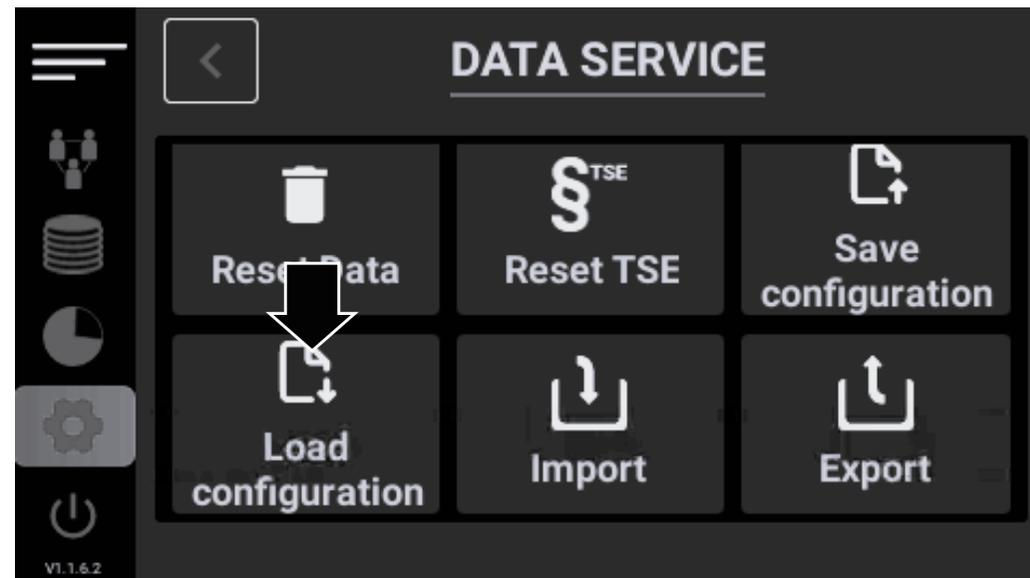
- 1 Click on **Save Configuration** to open the menu.
 - ▶ The Explorer opens.
- 2 Select the folder where the configuration should be saved.
 - ▶ The configuration of the cash register has been saved.

NOTE: You can select a connected external storage device to transfer the configuration from one cash register to another.



Load Configuration

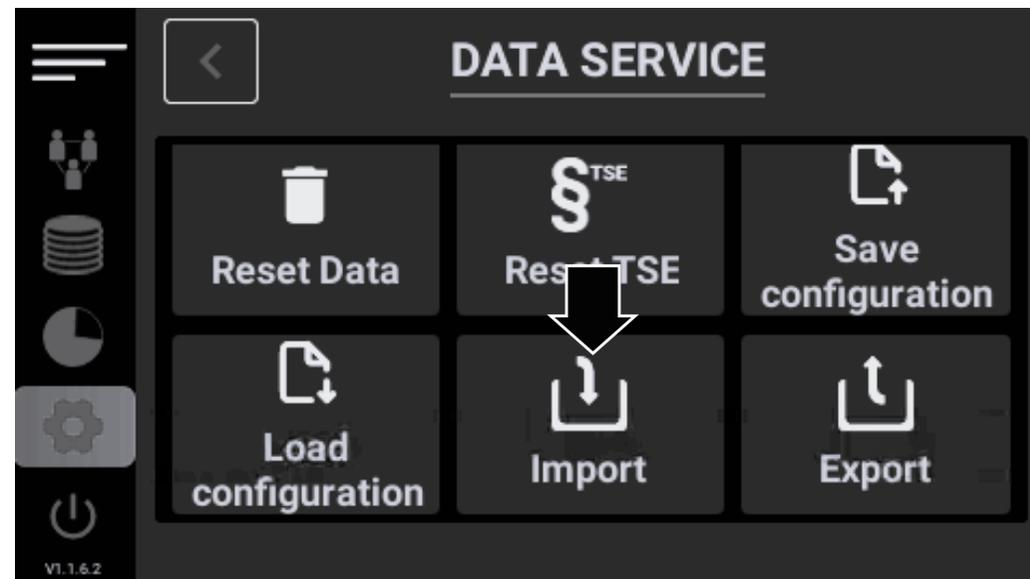
- 1 Click on **Load Configuration** to open the menu.
 - ▶ The Explorer opens.
- 2 Navigate to the folder where the configuration file you want to import is located.
- 3 Select the configuration file to be loaded.
 - ▶ The configuration is imported into the cash register.



Import Folder

NOTE: You can save data from an external storage device to the cash register.

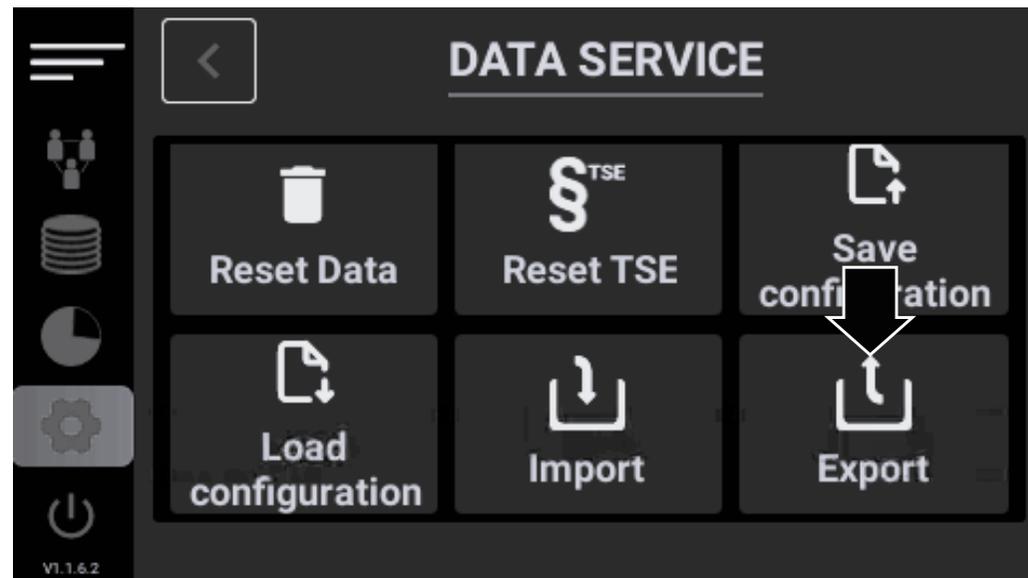
- 1 Click on **Import** to open the menu.
- 2 Select the folder you want to import.
 - ▶ The folder will be imported from the selected directory.



Export Folder

NOTE: You can export data from the cash register to an external storage device.

- 1 Click on **Export** to open the menu.
- 2 Select the folder where you want to export the data.
 - ▶ The master data of the cash register will be exported to the selected folder.



Useful Functions

The cash register offers you additional useful functions.

Take a Screenshot

PREREQUISITE: You have connected a USB mouse.

- 1 Navigate to the bottom edge of the screen using the USB mouse.
 - ▶ The Android menu bar appears.
- 2 Click on the circle.
- 3 Click and hold the left mouse button and drag up to open the app overview.
- 4 Click on the gear icon (Settings) to access the settings.
- 5 Click on the **Screenshot** tab to open the menu.
- 6 Click on the toggle switch to activate the camera icon.
 - ▶ The camera icon appears in the Android menu bar.
- 7 Click on the camera icon.
 - ▶ A photo of the current display screen is taken.
 - ▶ The screenshot is saved in the gallery.

On-Screen Keyboard

To enter characters and numbers, use the on-screen keyboard displayed on the screen.

PREREQUISITE: You have connected a USB mouse.

- 1 Click on any input field on the display.
 - ▶ The on-screen keyboard appears.
- 2 Click on the on-screen keyboard with the mouse to enter characters and numbers.

NOTE: Click and hold a character to select additional characters/special characters.

Troubleshooting

| ERROR | SOLUTION |
|-------------------------------------|---|
| Colored stripe visible on receipt | <ul style="list-style-type: none"> ● Replace the receipt roll. |
| No bonus issue | <ul style="list-style-type: none"> ● Insert the receipt roll correctly. ● Clear the paper jam. ● Enable the bonus issue. |
| Cash register does not start | <ul style="list-style-type: none"> ● Ensure that the cash register is properly connected to the power supply. |
| Message "Invalid item" is displayed | <ul style="list-style-type: none"> ● Assign an item group to the item. |
| Time is displayed incorrectly | <ul style="list-style-type: none"> ● Ensure that the time is correctly programmed. |
| The cash register app has crashed | <ul style="list-style-type: none"> ● Connect a USB mouse. ● Press the power switch on/off.. ● Select Restart. |

| ERROR | SOLUTION |
|--|---|
| Message "TSE error" is displayed | <ul style="list-style-type: none"> ● Turn off the cash register, reinstall the TSE stick at the cash register, and restart the cash register. ● Use only a TSE stick from Noris Kassensysteme GmbH |
| Message "TSE not activated" is displayed | <ul style="list-style-type: none"> ● Turn off the cash register, reinstall the TSE stick at the cash register, and restart the cash register. ● Use only a TSE stick from Noris Kassensysteme GmbH. |

Appendix

This section contains further important information about the cash register.

Symbols

The following symbols can be found on the packaging of the cash register. The overview below shows the available symbols and their meanings:



Use the product only indoors.



This symbol indicates that the design of the product complies with protection class II (double insulation). A safety connection to electrical grounding (earth) is not required.

Deleting Personal Data

Delete all data from your device before disposing of it.

Care Instructions

- 1 Turn off the device.
- 2 Unplug the power cord from the socket.
- 3 Clean the outer surfaces of the housing with a soft, dry, lint-free cloth. Do not use cleaning agents or solvents.

Disposal



Inform yourself about the possibilities of free return of old devices at your dealer.



The adjacent symbol means that electrical and electronic old devices must be disposed of separately from household waste due to legal regulations. Dispose of your device at the collection point of your municipal waste disposal provider.



The packaging consists of environmentally friendly materials that you can dispose of at local recycling centers. Contact your municipality for information on proper disposal options.



Please pay attention to the labeling of the packaging material for waste separation. These are marked with abbreviations (b) and numbers (a) with the following meanings: 1–7: Plastics, 20–22: Paper and cardboard, 80–98: Composite materials.



Dispose of packaging materials in accordance with local regulations.

Questions and Service

Dear Customer,

We are pleased that you have chosen this device.

For questions or problems, our cash register service is available at the phone number **+49 (0) 2324/6801-610** and via email at

mail@noris-kassensysteme.de.

Returns should include proof of purchase and ideally be sent in the original packaging to:

NORIS Kassensysteme GmbH

- Kassenservice -

Zum Kraftwerk 1

D-45527 Hattingen

Simplified EU Declaration of Conformity

We, Noris Kassensysteme GmbH, Zum Kraftwerk 1, 45527 Hattingen, GERMANY, hereby declare under our sole responsibility that this product complies with EU Directives 2014/35/EU, 2014/30/EU, and 2011/65/EU. The full text of the EU Declaration of Conformity can be found at the following web address or by scanning the QR code:



The CE marking on the devices confirms compliance.

The declaration of conformity for this product can be found at: <http://productip.com/?f=263fb3>



Care Instructions

Clean the housing surface with a soft, dry, lint-free cloth. Do not use cleaning agents or solvents.

Manufacturer

NORIS Kassensysteme GmbH

Zum Kraftwerk 1

D-45527 Hattingen

Germany

www.noris-kassensysteme.de

Technical Specifications

| | |
|---------------------|-------------------|
| Processor | |
| Operating System | Android 11 |
| Processor | RK 3566 |
| Memory | |
| Program Memory | 8 GB |
| RAM | 2 GB |
| Displays | |
| User Display | 4,3 inches |
| Customer Display | Single-line LED |
| Power Supply | |
| Voltage | 220 V AC |
| Power Consumption | 36 W |
| Power supply | |
| Input | 100 - 240 V / 2 A |
| Output | 12 V / 5 A |
| Power consumption | 60 W |
| Keyboard | |
| Mechanical keyboard | 39 Keys |

| | |
|-----------------------|--------------------|
| Interfaces. | |
| LAN | 1 x |
| USB-A | 4 x |
| MicroSD | 1 x |
| Serial interface | 1 x (RJ11 5V) |
| Cash drawer port | 1 x (RJ12 12 V) |
| Specifications | |
| Weight | 4,5 kg |
| Dimensions | 336 × 370 × 172 mm |

| | |
|--------------------|--|
| Accessories | |
| Printer | 58 mm thermal printer |
| Paper Roll | Maximum diameter: 50 mm |
| Scanner (optional) | USB-Scanner LS 6000 or LS 7000 by Noris Kassensysteme GmbH |
| Cash Drawer | SD 330A, MD 335C, LD 410A, XLD 460A |

Update-Information

Noris Kassensysteme GmbH recommends regularly checking the download section for updates and installing them.

Additionally, you will find helpful instructions for your product there.



We reserve the right to make content and technical changes. Item No.: N38S43

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