

Shop Scale UC3-GTouch...

**be connected
be successful**

Operating Instructions



Unlimited CONNECTIVITY

METTLER TOLEDO

Declaration of conformity

We, **Mettler-Toledo (Albstadt) GmbH**
Unter dem Malesfelsen 34
D-72458 Albstadt

declare under our sole responsibility that the product

Shop Scale
model UC3 - GTouch...

starting from serial number 2664654

to which this declaration relates, is in conformity with the following standards and directives:

Council Directive	Norm
About electromagnetic compatibility 89/336/CEE; directive amendment 92/31/CEE; 93/68/CEE	EN 61000-6-1 EN 61000-6-3
Relative to electrical supplies for interior use with limited voltages defined 73/23/CEE; directive amendment 93/68/CEE	EN 60 950
Non automatic Balances and Scales 90/384/CEE; directive amendment 93/68/CEE	EN 45501
About electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emission (equipment input current up to and including 16 A per phase) Extension prA14 15.09.2000	EN 61000-3-2

Albstadt, August 2005

Mettler-Toledo (Albstadt) GmbH



Peter Bürker, General Manager

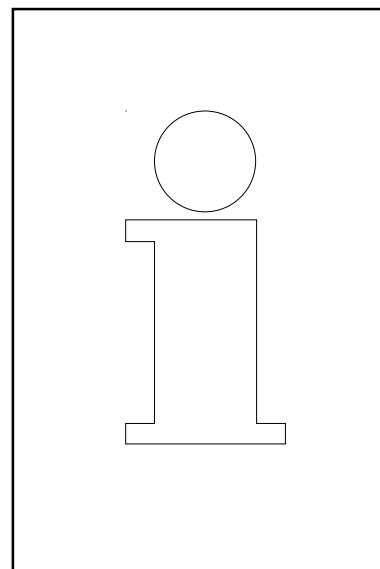


Dr. Andreas Rinn, Quality Manager

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Calibration Instructions

Important note on calibrated scales in EEC-countries

**M**

Factory calibrated scales carry the preceding identification on the packaging label.

M

Scales identified by the green M-Label applied on the calibration mark can be operated immediately.

M

Scales calibrated in two steps carry the preceding identification on the label applied to the package.

These scales have already been calibrated (declaration of construction conformity according to EN 45501-8.2) and have to be calibrated again on the working place. This calibration has to be conducted by the certified METTLER TOLEDO Service.

Please contact your METTLER TOLEDO technical service.

Shop scales, used for legal trade are submitted to calibration.

Please respect the current calibration directives in your country.

Safety Instructions



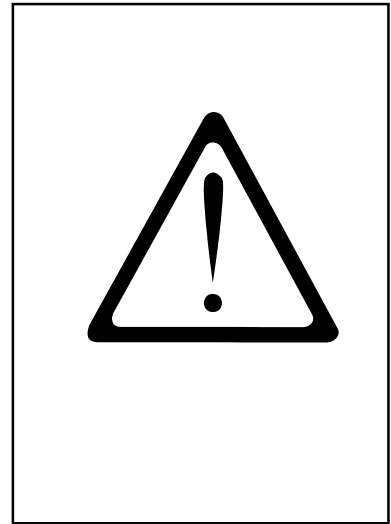
Do not use the scale in the proximity of an explosive gas mixture, of vapors, steam, or dust!

Any electrical device, not equipped with a specific "e" type of protection and used in an area with an explosive atmosphere represents an important danger in this environment!

To prevent any accident, only qualified service personnel is authorized to open this device!



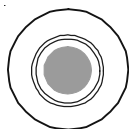
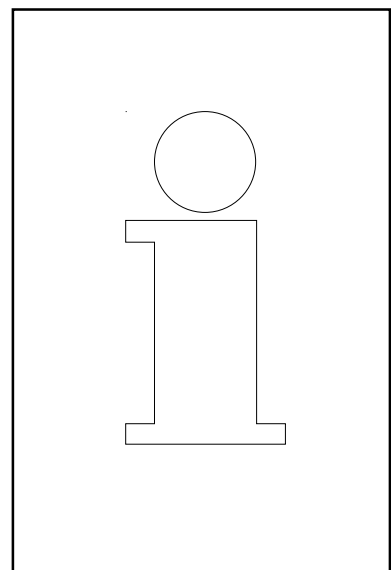
CAUTION!
DANGER OF EXPLOSION IN CASE OF IMPROPER REPLACEMENT OF BATTERY.
DISPOSAL OF USED BATTERIES ACCORDING TO INSTRUCTIONS.



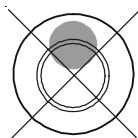
Installation Instructions

In general, your scale is part of a scale network. The installation, leveling and application are handled by METTLER TOLEDO or an authorized dealer. During the introduction you will be comprehensively trained and receive all necessary documentation. Your scale should only be connected to the mains with the power cord supplied.

The water level is used to level your scale. It is fixed at the back of the device. The correct alignment (air bubble has to be in the center of the water level) of the device can be achieved by adjusting the adjustable scale feet. The water level should be checked regularly to assure a correct level reading. When moving the scale, the level should be checked and corrected if necessary.



right



wrong

Product description

General

The UC-GTouch is an expansion of the UC3 range of scales. This expansion consists of a Self-Service scale with a large Touch Screen Display. With the use of a Touch Screen user interface it is possible to also control Self-Service scales from the central office without any limitation; no more need to exchange the paper pictograms!

The previous limitation regarding the amount of available PLU's on the scale caused by the selected Self-Service keyboard no longer exists. Any amount of PLU's can be displayed. At the same time, the ergonomic user interface (which realizes the latest Usability Engineering know-how) in combination with the structured desktop and the intelligent search function ensures that the user can find his article fast and reliable at any time.

The user interface can be arranged or rearranged at any time corresponding to the current and personal requirements of the customer. Hence Corporate Design can be realized without any limitation. The UC3-TouchDesigner is a comfortable PC-Tool available for this purpose.



Front view UC3-GTouch

Touch Screen

The UC3-GTouch is delivered with a 18 Bit TFT Touch Screen Display of 10.4". The resolution is 800 x 600 pixels. The Touch Screen functions based on the resistance principle: that means that the function of the UC3-GTouch Touch Screen Display only depends on the applied pressure and not on the material itself; therefore, the Touch Screen can also be operated with rubber gloves.

External Interfaces

The UC3-GTouch is equipped with one Ethernet, two USB, and one serial (COM1) interface as well as one cash drawer interface.

Thermal printer

The UC3-GTouch is equipped with a fast graphic label printer of 2".
Print width: 54mm; Resolution: 432 Dots, 8 Dots/mm; Max. print speed 125 mm/s

Weighing range

6kg 15kg 3kg/6kg 6kg/15kg 12kg 30kg

Graduation

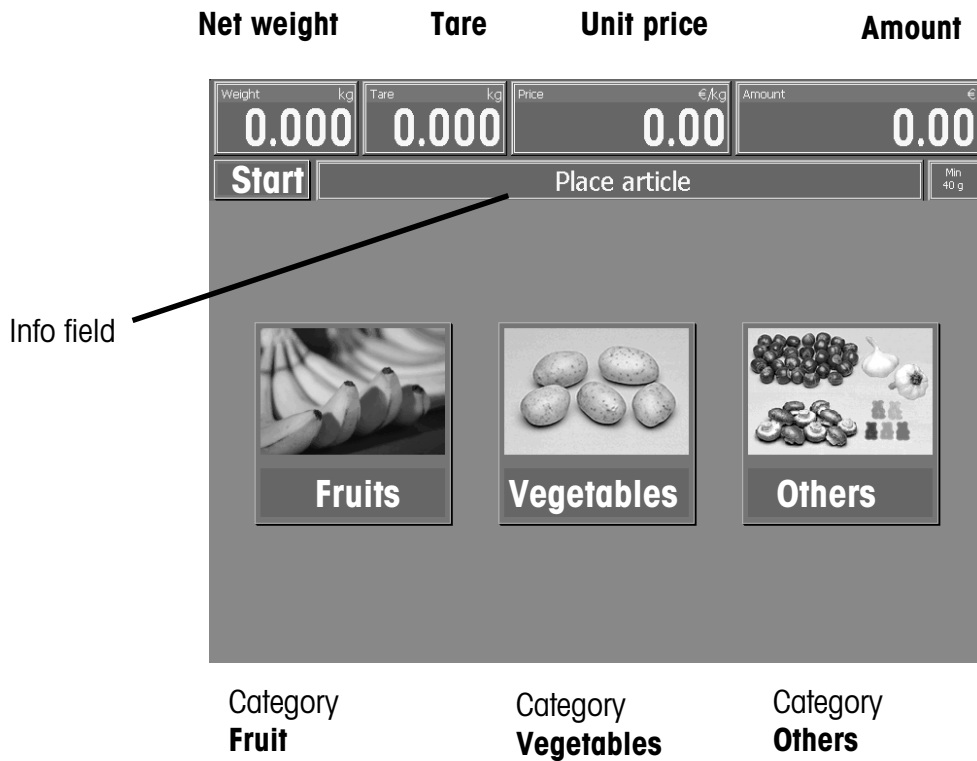
2g 5g 1g/2g 2g/5g 2g 5g

Minimum load*)

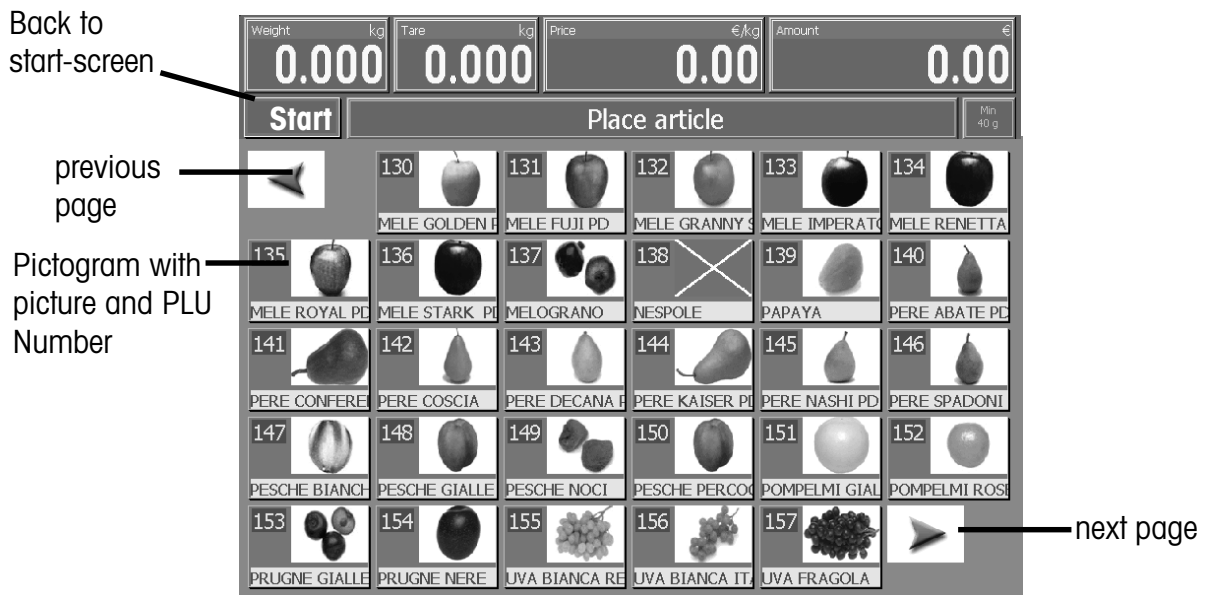
40 g 100 g 20 g 40 g 40 g 100 g

*) EC: Printout under minimum load possible, but not for price labelling

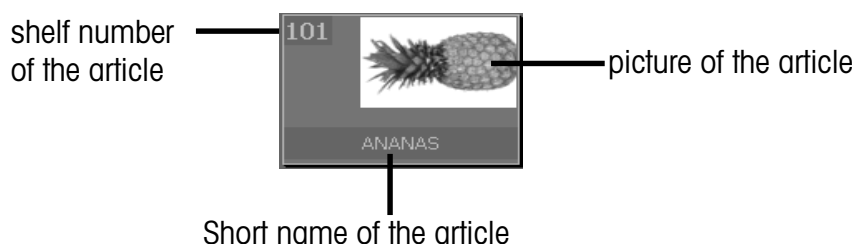
Touch Screen (example of Layout)



Pictures of the category **Fruit (with picture + shelf number)**



Picture of an article in the category **Fruit (with article short name, picture + shelf number)**



Maintenance of Self-Service scale



Prior to any intervention always pull mains plug from wall outlet.

Cleaning of scale

- Switch off scale and pull mains plug.
- Clean scale with a moist (not wet) cloth.
- Connect mains plug and switch on scale again.

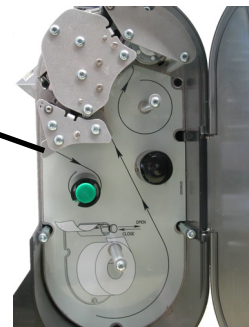


Clean scale with a normal detergent only.



Cleaning of print head

- Switch off scale and pull mains plug.
- Open door.
- Press release lever **downwards**. The print head folds upwards.
- Take off cap from the cleaning pen.
- Clean the front part of the print head with the moist tip of the pen.
- Press print head **downwards** until it latches again.
- Close cleaning pen with cap.
- Connect mains plug and switch on scale again.



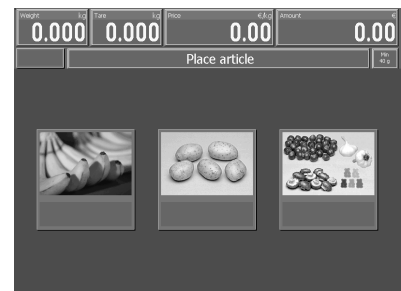
For cleaning of the print head only use the included cleaning pen. With other objects the print head could be damaged.

Maintenance of Touch Screen

The Touch Screen requires only little maintenance. For regular cleaning, the use of dry cloths or soft cloths with a neutral detergent (e.g. Ethanol) or a special Touch Screen cleaner is recommended.

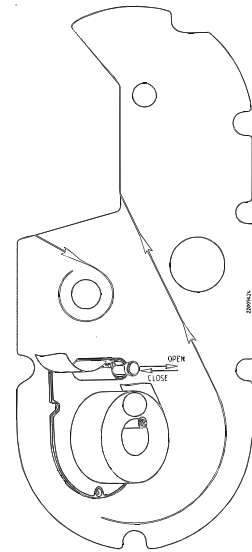


Please do not use any organic acid or alkaline solutions for cleaning!



Replacement of label roll

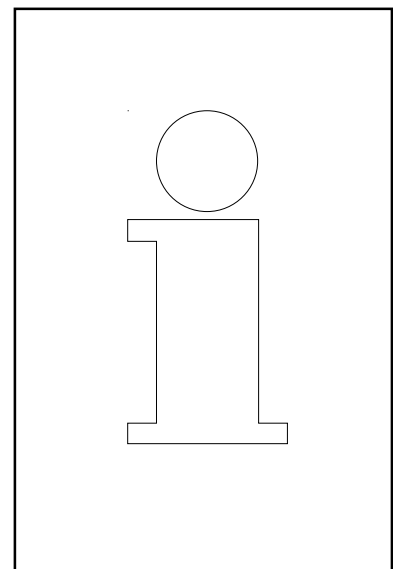
- Switch off scale and pull mains plug.
- Open printer door.
- Remove the core of the empty roll.
- Press release lever **downwards**.
The print head folds upwards.
- Pull wind-up spindle upwards and remove carrier tape.
- Insert new label roll as shown in opposite illustration.
- The leading edge of the paper is on the left side.
- Insert carrier tape in wind-up spindle.
- Pull thermal paper towards front until correct tension is reached.
- Press print head **downwards** until it latches again.
- Press paper feed key until a label is pushed out and correct tension of carrier tape is reached.
- Close printer door.



Instructions concerning thermal papers and thermal labels

The printer of the UC shop scales is a thermal printer. For this thermal printer, you should only use thermal paper or thermal labels from METTLER TOLEDO. These two types of paper have been submitted to a long-time test by Mettler Toledo and then released. They are also approved by the calibration authority to be used on UC shop scales.

If you use thermal paper or thermal labels other than those mentioned above, the print quality and lifetime of the print head risk to be diminished. In such a case, warranty for the thermal printer is void.

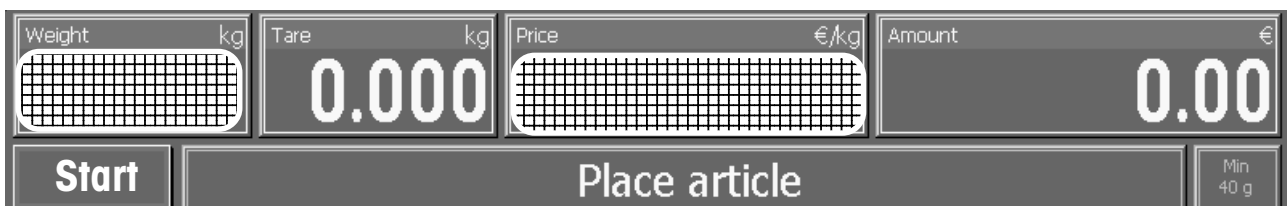


Functions in the Self-S. Mode


These functions of the Self-S. mode can only be selected if the weight indication shows "Zero **"0.000"** or underload **"===="**.

Paper feed

- Press **weight field** and **price field** subsequently within 0.5 seconds.  Empty label is pushed out; apply for example after change of paper.



Sensor adjustment

- Press **weight field** and **info field** subsequently within 0.5 seconds.  In case of error messages related to the label. e.g.: **wrong label**



Primary tare off/on

- Press **weight field** and **tare field** subsequently within 0.5 seconds.  Tare is valid for **all** articles e.g.: same container.

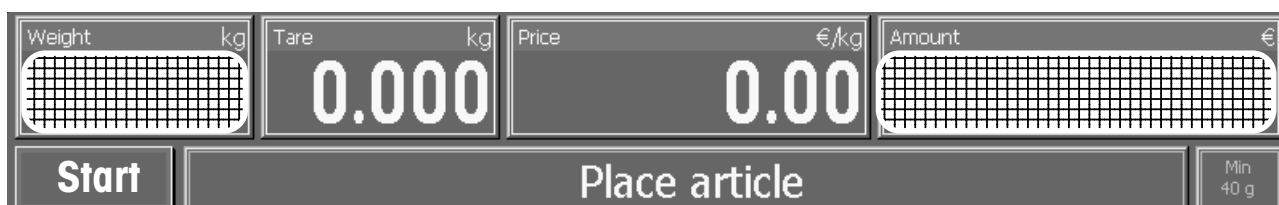


Non Sales Mode

- Press **weight field** and **amount field** subsequently within 0.5 seconds.



Start of the configuration mode



Zero setting

- Press **weight field** and **"min/max/e" field** subsequently within 0.5 seconds.



Apply if weight indication of scale does not show **0.000**.



The scale is equipped with an automatic zero setting device which means that small weight modifications are compensated automatically (e.g. rests of grease on the weighing platform). The zero setting device is deactivated if a packaging weight is tared. After cleaning from dirt with the scale switched on, the display can show:

- a negative weight value,
- or underload „|_ _ _ _|“.

Solution:

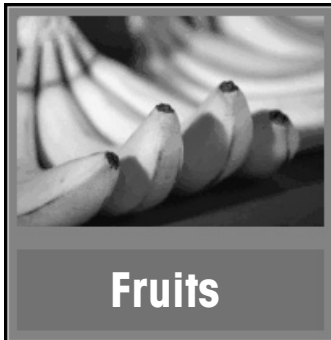
- Zero setting of scale

If the error message appears again:


- Switch the scale off and on again (automatic zero-setting at switch-on).

Operation with symbol keys

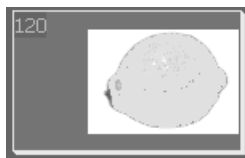
Operation with symbol keys




- Place goods to weigh on weighing platform


 The weight is shown on the display.

- Press category key



- Press symbol key
- Label is printed
- Remove label and stick it to weighed goods

 The display shows article name, unit price and end price of the article.


 At stable weight of scale.

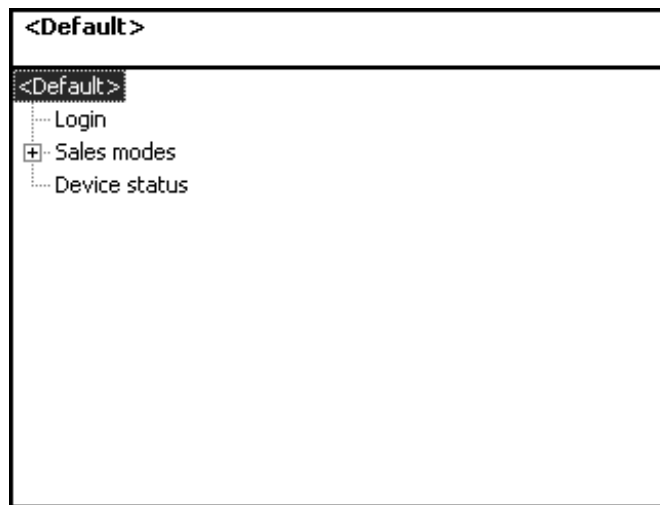
- Place next goods to weigh on weighing platform

Non Sales Mode

The Non Sales Mode (configuration mode) of the Self-S. mode can only be selected if the weight indication shows "Zero **0.000**" or underload "====".

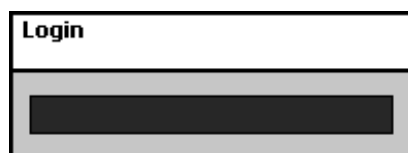
Start Non Sales Mode


- Press **weight field** and **amount field** subsequently within 0.5 seconds.  Start of the configuration mode




①

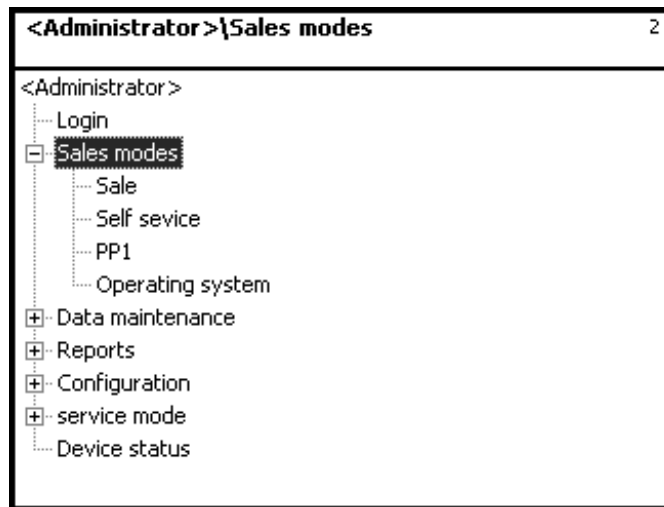
- Numerical key 1



 Enter code number via keyboard.

⊛

- Asterisk key  Confirm code number



↑ or ↓ key

- Scroll up/down

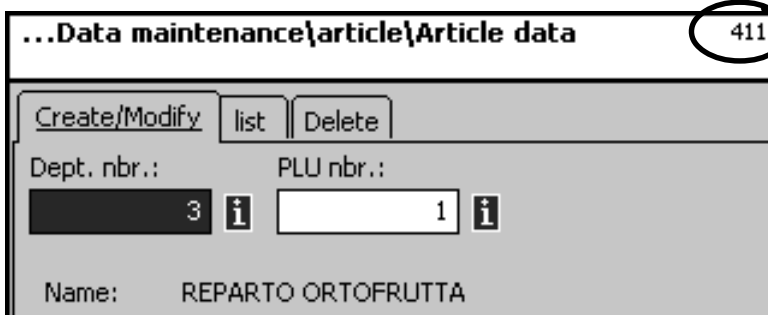
☞ Select menu item.

Quick start in a menu



Note:

Every menu has its own number. To start the desired menu, you only need to enter the number of the appropriate menu after login.



4 1 1

- Enter figures 4 1 1

☞ Create, modify, list, delete
Data maintenance/Article

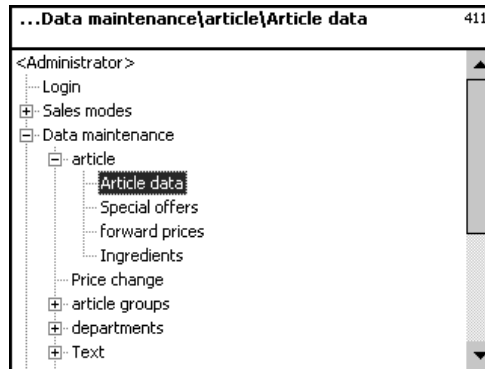
NonSalesMode (- Data maintenance)

Article (411)

create, list, delete

Quick start with 411;

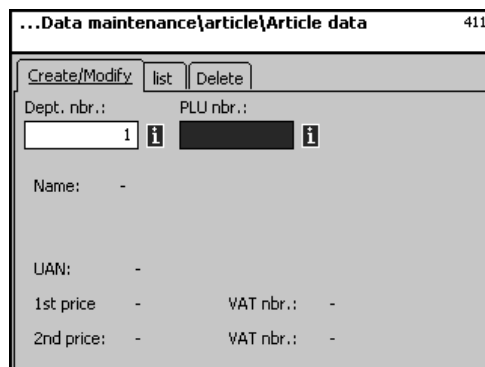
In this window you can enter the basic data of an article or modify the data of an existing article.



- Asterisk key



confirm

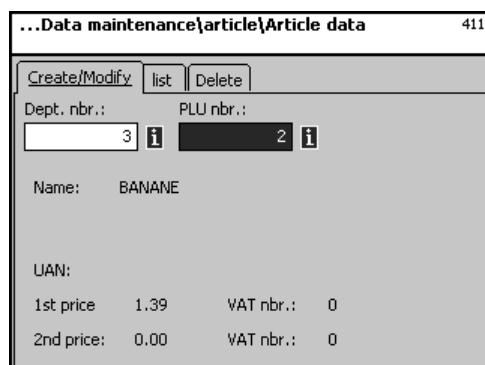


and/or

- Enter PLU Nbr.
- Left arrow key



PLU Nbr. of the article
Department Nbr. of the article



PLU Nbr. max. 6 digits

Dept. Nbr. max. 6 digits; this information is necessary if the new article has to be transmitted to all scales in this department.

...Data maintenance\article\Article data 411

Create/Modify list Delete

Dept. nbr.: 3 PLU nbr.: 2

Name: BANANE

UAN:

1st price: 1.39 VAT nbr.: 0

2nd price: 0.00 VAT nbr.: 0



- Asterisk key

confirm

...article\Article data\Modify 411

Dept. nbr.: 3 PLU nbr.: 2

Data 1 Data 2 Data 3 Label Label

1st price: 1.39 VAT nbr.: 0 UAN:

2nd price: 0.00 VAT nbr.: 0 Article group: 1 Tare nbr.: 2

Name: BANANE

A field for entries with the article data appears.



- Code key

Select tab Data 2.

...article\Article data\Modify 411

Dept. nbr.: 3 PLU nbr.: 2

Data 1 Data 2 Data 3 Label Label

Shorttext: Purchase price: 0.00

Customer ID:

product tip mode: Text Auto

PLU type: Article by weight

Entries tab "Data 2":

Short text: The short form of the article text (max. 20 digits) will be displayed under the pictogram of the article if the short text field is available in the layout of the Touch Screen.

Purchase price: Purchase price of article.

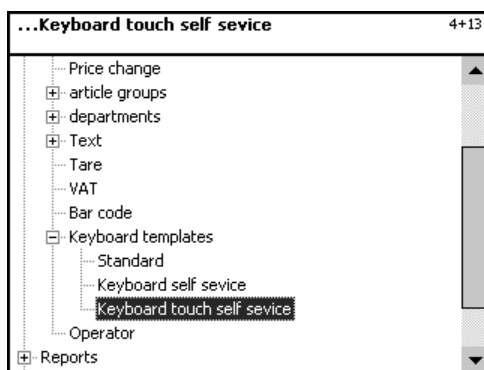
Customer ID: Shelf number resp. storage location of the article will be displayed under the pictogram of the article if the Customer ID field is available in the layout of the Touch Screen.

Keyboard Touch Self-S. (4+13)

create, modify, delete

Quick start with 4+13;

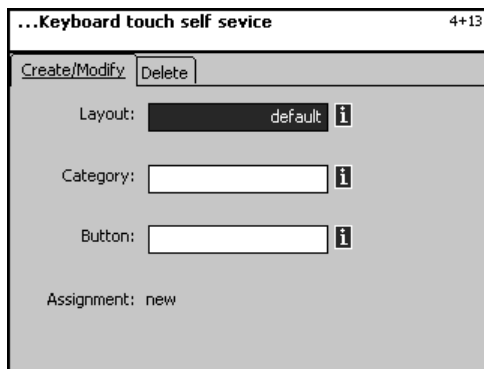
In this window you can select different Touch Screen Layouts or modify Layouts (add new articles with pictogram, etc.).



- Asterisk key



confirm



Layout: Selection of different types of the Touch Screen Layouts.

Category: Selection of category.

Key: Selection as PLU key, forward (forward key) or back (back key) in the selected category.



If this field appears, you can display the available information in the form of a list and select from it with the





- key.


Modify keyboard layout

- Select Layout (**default** setting)
- Select category
- Select type of key

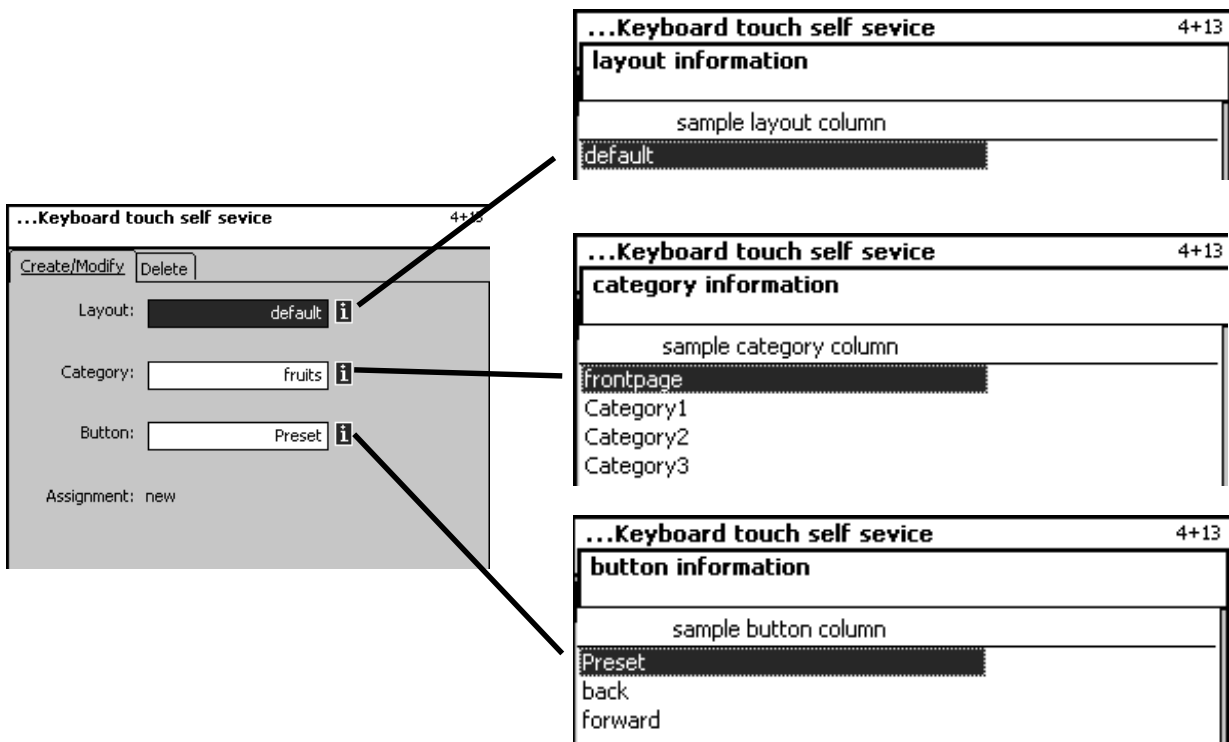
Layout: default 

Category: fruits 

Button: Preset 

-  In case of a preset key, the appropriate key number must always be entered. Counting mode on the screen is from the top left to the bottom right.

In case of a forward or back key, the side of the screen on which they are located must be entered as well.




The screenshot shows the 'Keyboard touch self service' menu with three sections: 'layout information', 'category information', and 'button information'. Each section has a list of options, with the first option in each list highlighted. Arrows point from the main menu to these sections.

- layout information:** sample layout column, default
- category information:** sample category column, frontpage, Category1, Category2, Category3
- button information:** sample button column, Preset, back, forward



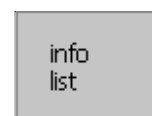
- Asterisk key

 Confirm selections

 Navigation in the menus.

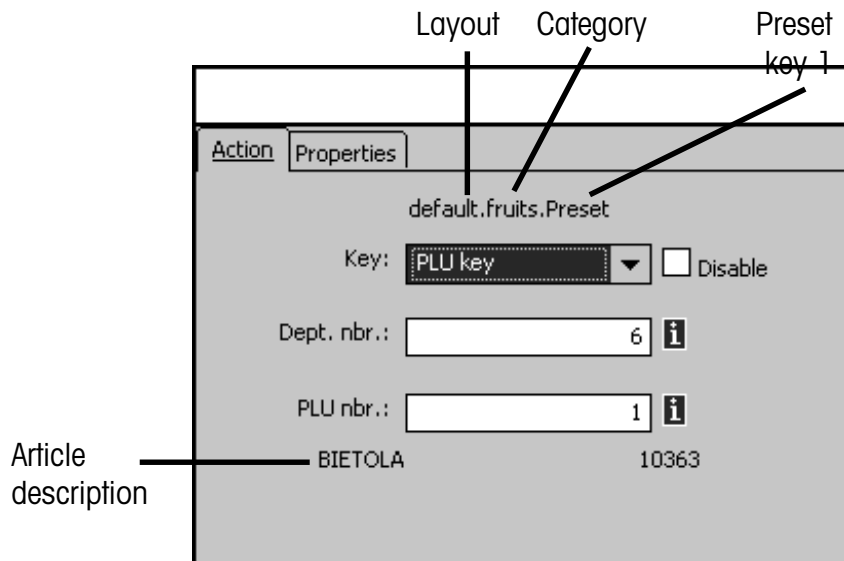
 up (select)

 >> | code change tab

 info list call up field of lists

 down (select)

 * confirm entries




Key: PLU key or page change key



Inactive: Mask key

Dept. Nbr.: Entry of department number; with  the list of created departments will be displayed.

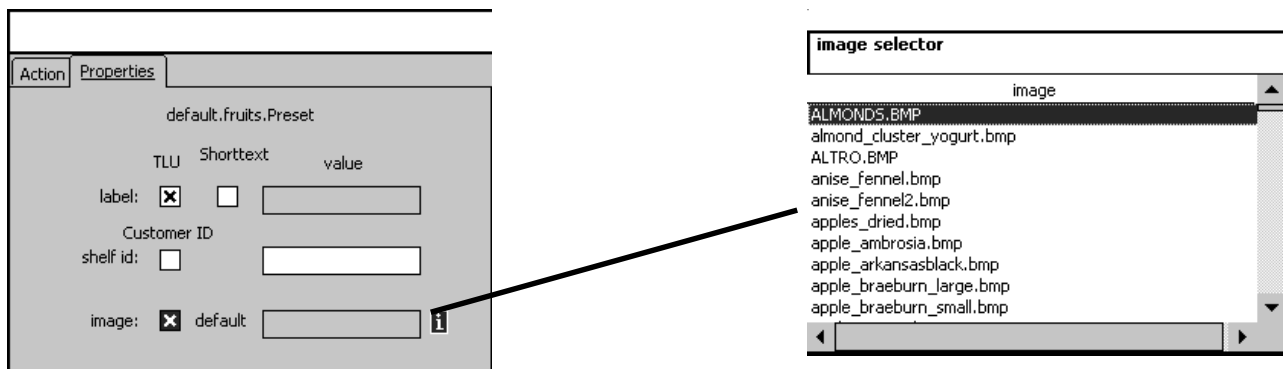
PLU Nbr.: Entry of PLU number; with  the list of PLU's in the selected department will be displayed.






• Asterisk key



Confirm selections



- Article name:** (X) TLU The article name will be displayed.
 (X) Short text A short description of the article will be displayed (from the data maintenance Menu 4 1 1).
 Value A modified short description of the article will be assigned to the preset key, but not stored in the master data.
- Shelf number:** (X) Customer ID The shelf number of the article will be displayed (from the data maintenance Menu 4 1 1).
 Value A modified shelf number of the article will be assigned to the preset key, but not stored in the master data.
- Picture:** (X) Standard The picture assigned to the article in the master data will be displayed.
 Value A modified article picture will be assigned to the preset key, but not stored in the master data.

  If this field appears, you can display the available information in the form of a list and select from it with the  - key.

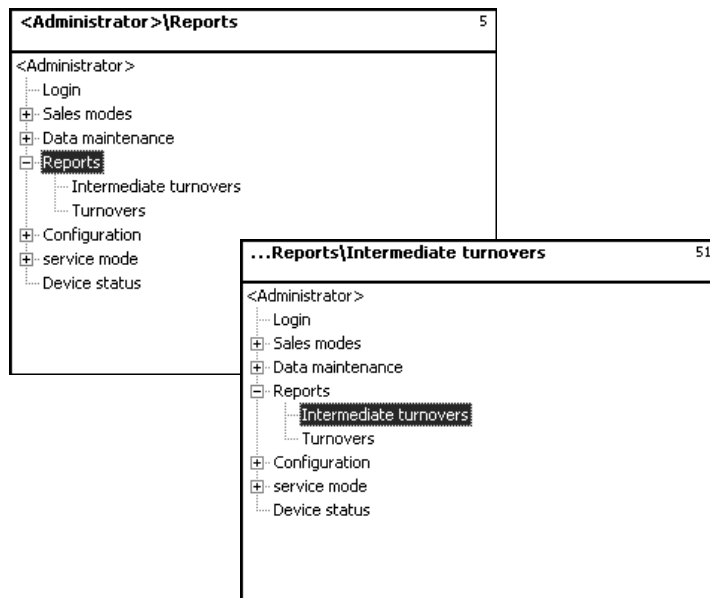
NonSalesMode (- Reports)

Intermediate turnovers (51)

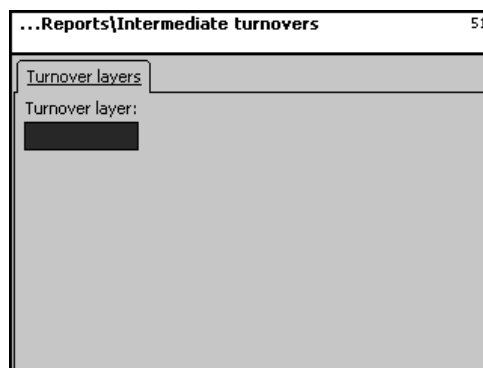
Quick start with 51;

In this window you can select different intermediate turnover reports. They will then be printed on the internal printer.

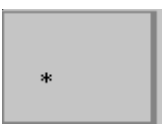
Vx/Scale report; Department report; Article report and article groups report



- Asterisk key ☞ confirm

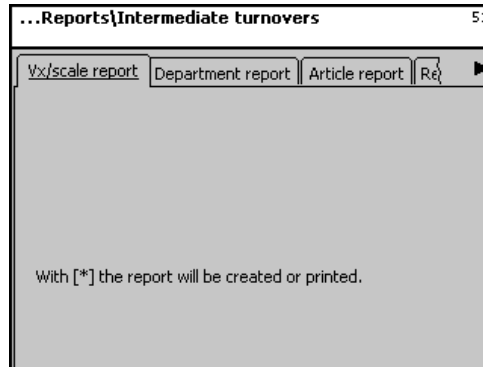


- Enter number ☞ Selection of turnover layer; Layer 1, 2, 3 or 4



- Asterisk key ☞ confirm

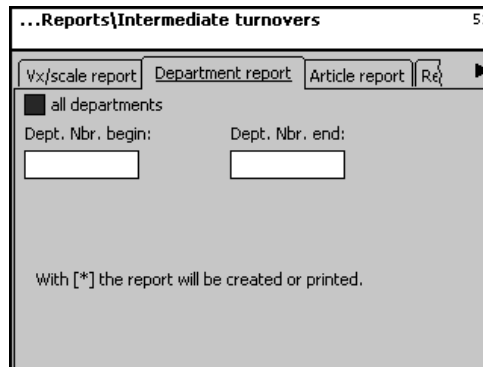
Vx/Scale report



- Asterisk key

☞ confirm; the **Vx/Scale report** will be printed.

Department report



all departments:
Dept. Nbr. Begin:
Dept. Nbr. End:

report of all departments.
 report from department.
 report to department.

☞ For **one** department:
 enter same department
 number at **Begin** and **End**.



- Asterisk key

☞ confirm; the **department report** will be printed.

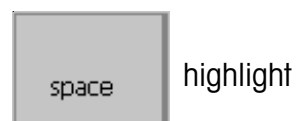
☞ Navigation in the menus.



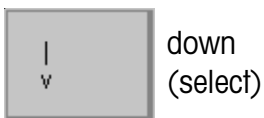
up
(select)



change tab



highlight



down
(select)



confirm entries

Article report

all departments:
Dept. Nbr.:
all articles:
PLU Nbr. Begin:
PLU Nbr. End:

article turnover from **all** departments.
 article turnover from **one** department.
 turnover of **all** articles.
 report from department.
 report to department.

☞ For **one** PLU: enter same PLU number at **Begin** and **End**.

☞ Confirm; the **article report** will be printed.



- Asterisk key

Article groups report

all departments:
Dept. Nbr.:
all article groups:
AtGp. Nbr. Begin:
AtGp. Nbr. End:

article groups turnover from **all** departments.
 article groups turnover from **one** department.
 turnover of **all** article groups.
 report from article group.
 report to article group.

☞ For **one** article group: enter same article group number at **Begin** and **End**.

☞ Confirm; the **article groups report** will be printed.



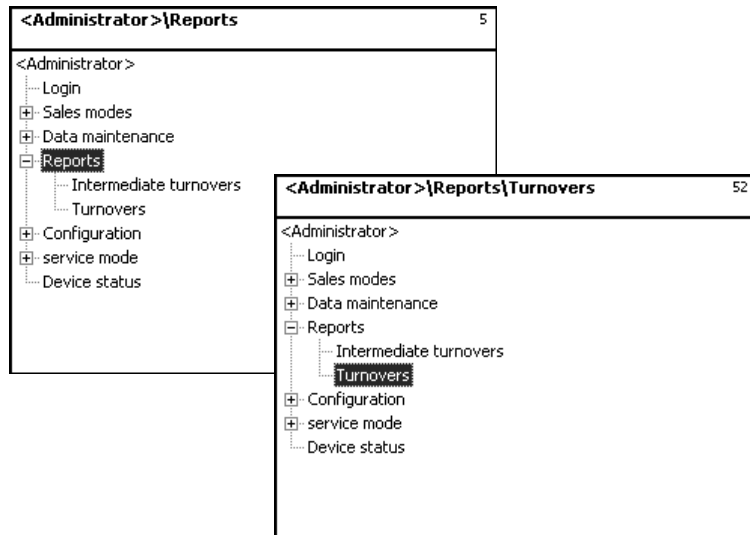
- Asterisk key

Turnovers (52)


Quick start with 52;

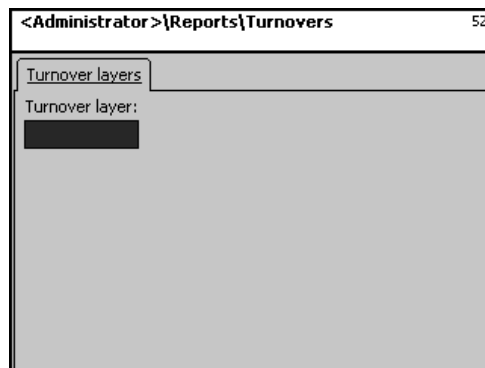
In this window you can select different turnover reports. They will then be printed on the internal printer.

Vx/Scale report; Department report; Article report and article groups report




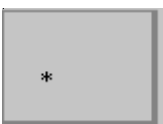
- Asterisk key

 confirm



- Enter number

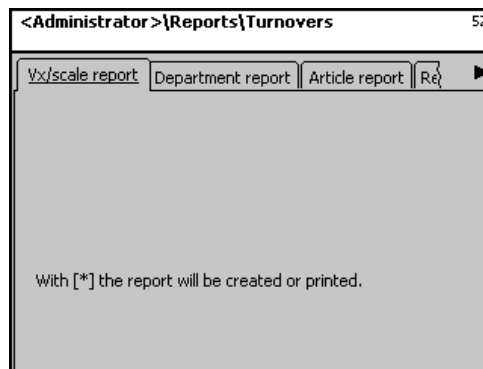
 Selection of turnover layer;
Layer 1, 2, 3 or 4




- Asterisk key

 confirm

Vx/Scale report




- Asterisk key

 Confirm; the **Vx/Scale report** will be printed.

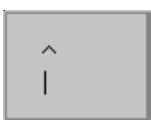
Department report



- Asterisk key

 Confirm; the **department report** will be printed.

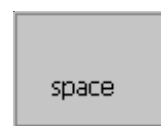
Navigation in the menus



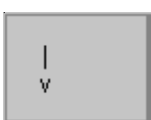
up
(select)



change tab



highlight



down
(select)



confirm entries

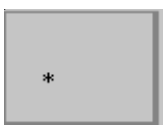
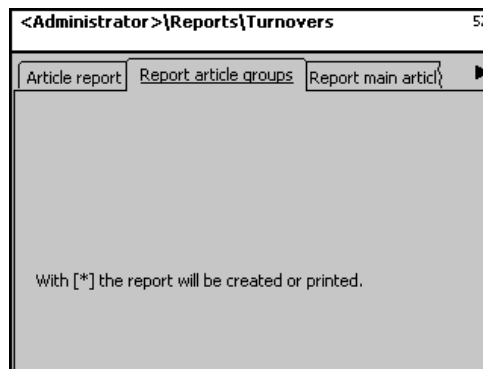
Article report



- Asterisk key

☞ Confirm; the **article report** will be printed.


Article groups report



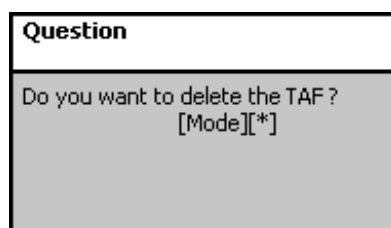
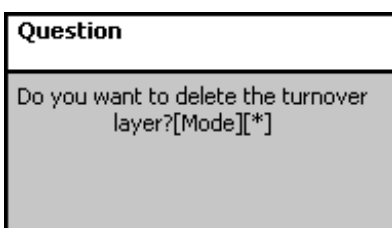
- Asterisk key

☞ Confirm; the **article groups report** will be printed.

Clear turnover layer

☞ Quit turnover menu with the  - key.

The following messages will be displayed subsequently:



☞ Confirm with the



- key;

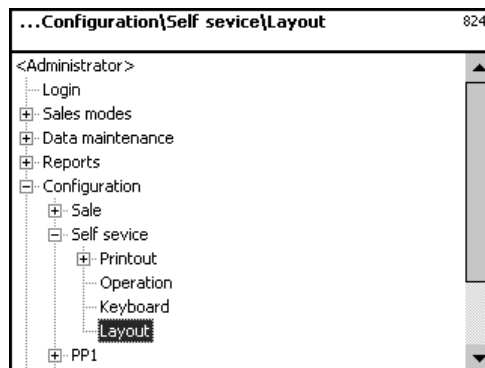
the selected turnover level and the TAF will be deleted.

NonSalesMode (- configuration)

Configuration-Self-Service - Layout(824)

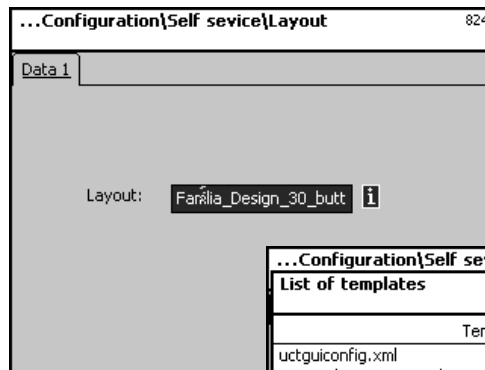
Quick start with 824;

In this window you can select an available Touch Screen Layout.

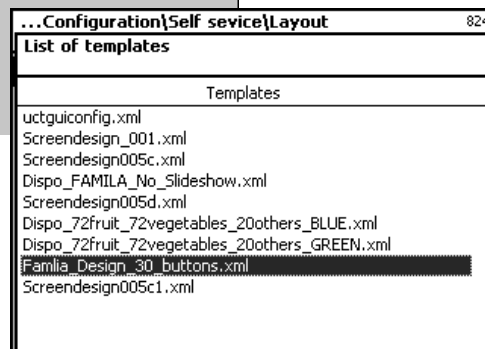


- Asterisk key

☞ confirm




☞ An entry field with the current configuration file appears.



- Asterisk key

☞ Select with the scroll keys and confirm.

☞ **i** If this field appears, you can display the available information in the form of a list and select from it with the  - key.

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