



Coupons

Quick Guide

LS Retail NAV 6.4

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1 Introduction

Flexibility and rich configuration opportunities are the main strengths of the Coupon functionality in LS Retail NAV. Different kinds of coupons can give discounts in the form of fixed amount or percentage and be used as a payment. They can be applied to one Item only, all items and anything in between, either based on defined groups within the LS Retail NAV system, for instance Product Groups, or special groups can be defined with any kind of criteria defined specifically.

1.1 Functional Overview

There are three types of coupons:

Store Coupons

Return Coupons

Manufacturer Coupons

Store Coupons are issued by the store itself. They are mainly used in advertising campaigns.

A Return Coupon is a coupon that is issued at the POS in order to encourage the customer to return to the store. The coupon is usually in the form of some sort of discount or payment. These coupons can be triggered at the end of sale.

Manufacturer Coupons are issued by the manufacturer of a product in order to increase sales and product awareness. These coupons are commonly printed on container boxes for the products or in newspapers and magazines. They are normally used as payment. Once accepted, the manufacturer owes the store the coupon amount. These coupons do therefore not affect the profit of the sold item.

The customer sees no difference between Store Coupons or Manufacturer Coupons. Manufacturers can however be charged for the used Manufacturer Coupons.

To set up a Store Coupon in LS Retail, the coupon is defined as Manufacturer Coupon but the coupon issuer is the store itself and handling is set as Discount rather than Tender as with manufacturer coupon.

All coupons can either give the customer discount as an amount or a percentage.

If the Handling on the Use tab of the coupon card is set as Discount, either an amount or a percentage, the VAT is calculated after the discount is applied.

If the Handling on the Use tab of the coupon card is set as Tender, the VAT is calculated before the discount is applied.

2 Setup

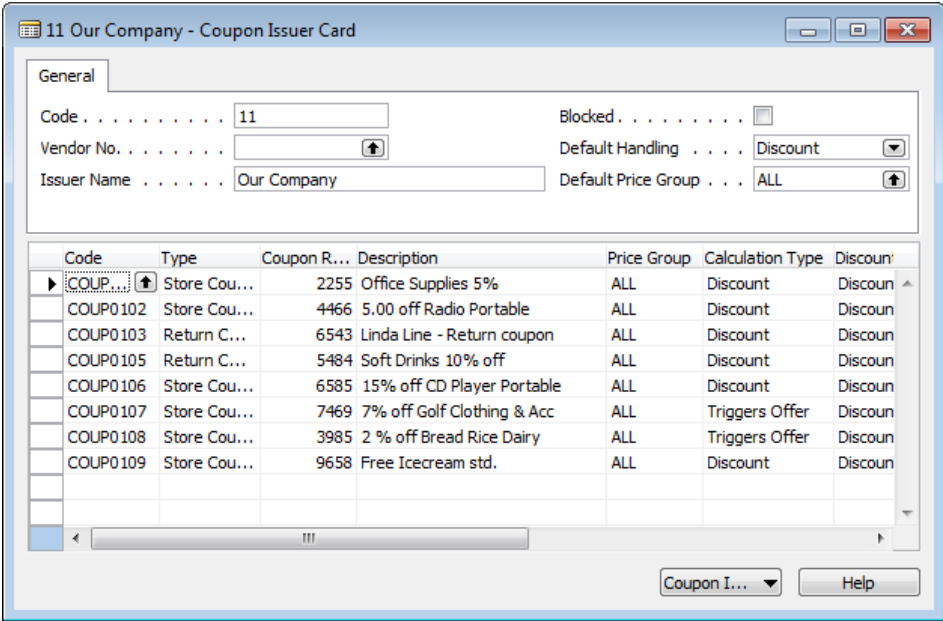
2.1 To Set Up Coupon Issuer

Each manufacturer you accept coupons from must be set up using the EAN number used in the coupon barcode from the manufacturer.

If you issue coupons to be used in your own business you should also define your company as coupon issuer. It is also possible not to define your company as issuer and leave the issuer field in the coupons blank. Then you also need to define barcode mask without the issuer to read on the POS.

To Set Up Coupon Issuer:

- Click **LS Retail – BackOffice, Coupons, Coupon Issuer** opening the Coupon Issuer Card.



Code	Type	Coupon R...	Description	Price Group	Calculation Type	Discoun
COUP0101	Store Cou...	2255	Office Supplies 5%	ALL	Discount	Discoun
COUP0102	Store Cou...	4466	5.00 off Radio Portable	ALL	Discount	Discoun
COUP0103	Return C...	6543	Linda Line - Return coupon	ALL	Discount	Discoun
COUP0105	Return C...	5484	Soft Drinks 10% off	ALL	Discount	Discoun
COUP0106	Store Cou...	6585	15% off CD Player Portable	ALL	Discount	Discoun
COUP0107	Store Cou...	7469	7% off Golf Clothing & Acc	ALL	Triggers Offer	Discoun
COUP0108	Store Cou...	3985	2 % off Bread Rice Dairy	ALL	Triggers Offer	Discoun
COUP0109	Store Cou...	9658	Free Icecream std.	ALL	Discount	Discoun

The following fields and areas are filled in as necessary:

- Code.** The EAN number of the Issuer. This number is used to recognize the barcode scanned for the coupon
- Vendor No.** Vendor No. can be defined for the Coupon Issuer if he is registered in the system.
- Issuer Name.** The name of the Coupon Issuer.
- Blocked.** If the Blocked box is check marked, no Coupons are accepted from this Coupon Issuer.
- Default Handling.** The default value used when inserting a new Coupon.
- Default Price Group.** The default value used when inserting a new Coupon.

2.2 Coupon Setup

2.2.1 Simple Coupon Setup

For a simple coupon that applies to one item or group the setup can be done in the Coupon Lines on the **Coupon Issuer Card**, image 1. Fill in as necessary:

- **Code.** The Unique ID code for the system. Number series for Coupons can be defined for each store. The number series are defined in the barcode mask.
- **Coupon Reference No.** The reference no. of the coupon is the code used to build and read the barcode when using Coupons.
- **Line Type.** The line can be of the types Item, Product Group, Item Category or All

Code	Coupon R...	Line Type	Line No.	Variant Code	Unit of Me...	Line Description
COUP0101	2255	Product Gr...	OFFICE			Office Supplies
COUP0102	4466	Item	60020			Radio, Portable
COUP0103	6543	Product Group	LINDA-LINE			Linda Line
		Item Category				
		All				

- **Line No.** The no. of the item/product group/item category.
- **Variant Code.** If an Item with variants is selected for the coupon line you can use this field to select from the available Variant Codes.
- **Unit of Measure.** This field contains the unit of measure used for the coupon in question. If empty, the sales Unit of Measure is used.
- **Line Description.** Description of the line.

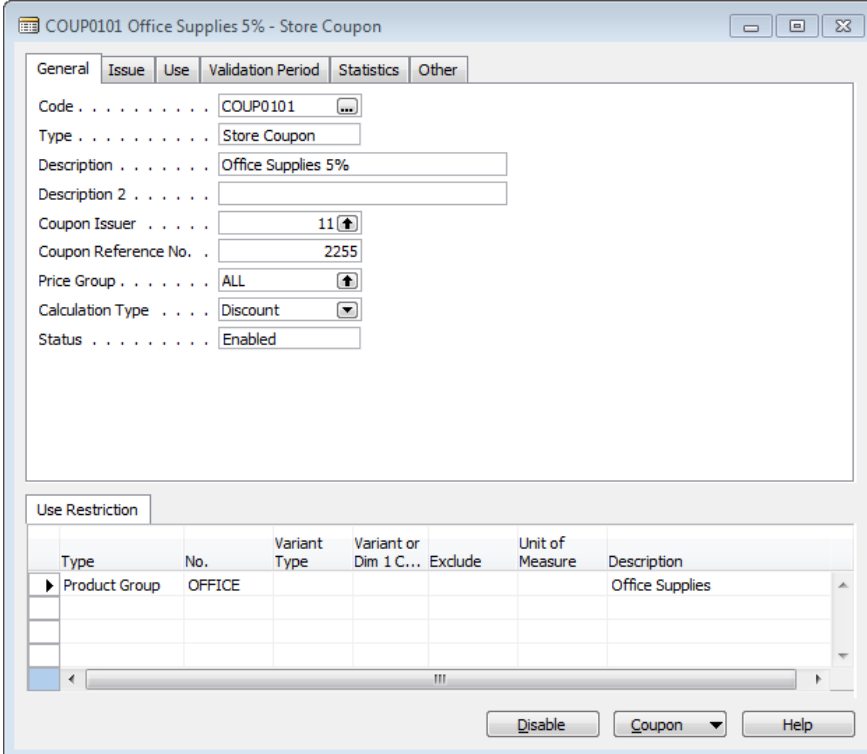
Barcode Mask is set up in **LS Retail – BackOffice, Setup, Item, Barcodes, Barcode mask Setup**.

2.3 Store Coupon Card

On the **Store Coupon** card you set up the Coupon. The setup includes the Coupon reference number used in the barcode, the item(s) the coupon applies to, posting method, validation period and more. This is also where it is decided whether a discount on a coupon is in percentage or fixed amount and exactly how many items are needed for a discount to be active.

To Set Up Coupon:

- Click on **LS Retail – BackOffice, Coupons, Store Coupon** opening the Store Coupon card.



COUP0101 Office Supplies 5% - Store Coupon

General Issue Use Validation Period Statistics Other

Code COUP0101

Type Store Coupon

Description Office Supplies 5%

Description 2

Coupon Issuer 11

Coupon Reference No. 2255

Price Group ALL

Calculation Type Discount

Status Enabled

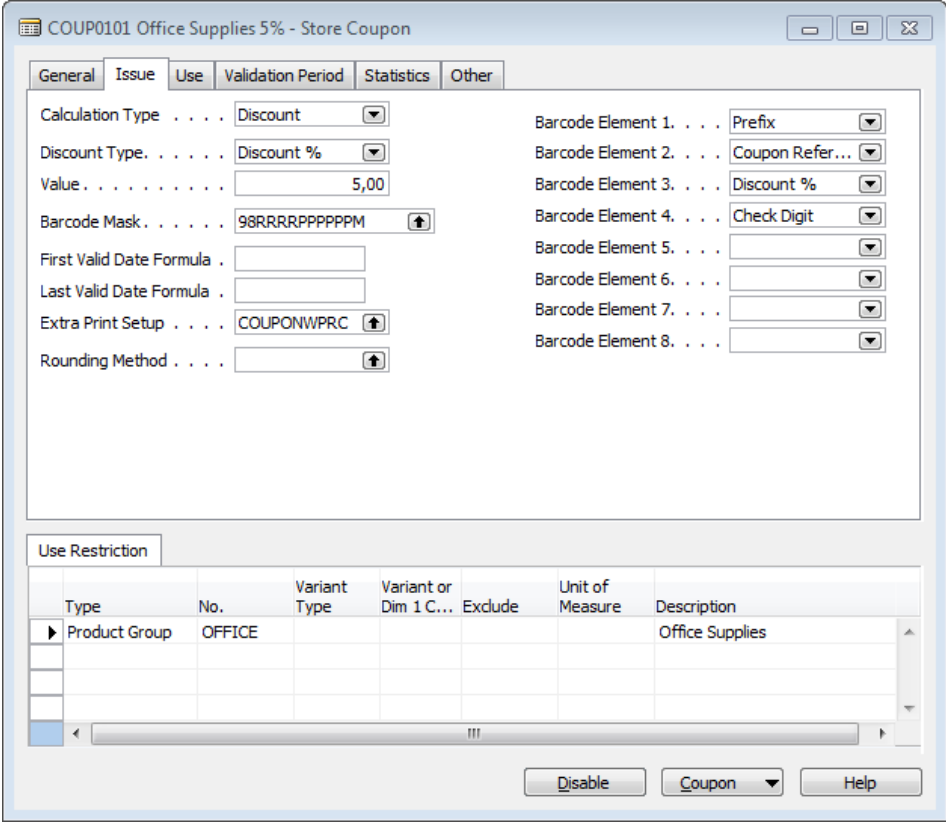
Use Restriction

Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Product Group	OFFICE					Office Supplies

Disable Coupon Help

The following fields are filled in as necessary:

- **General tab**
 - **Code.** The Unique ID for the system. The number series for Coupons is defined for each store. See the Coupon Nos. on the Numbering tab of the Store card. The Store card is selected based on the value in the Local Store No. field in the Retail Setup card in LS Retail – BackOffice.
 - **Type.** The type of the Coupon: Store Coupon, Manufacturer Coupon or Return Coupon.
 - **Description/Description 2.** A description of the Coupon. This is used on the POS when showing the coupon line
 - **Coupon Issuer.** The Coupon Issuer Code. The code used to build and read the barcode when using Coupons.
 - **Coupon Reference No.** The reference no. of the coupon is the code used to build and read the barcode when using Coupons.
 - **Price Group.** Defines in what stores the Coupon is valid.
 - **Status.** The selections are: Enabled and Disabled. If the coupon is disabled the coupon is not valid.



COUP0101 Office Supplies 5% - Store Coupon

General Issue Use Validation Period Statistics Other

Calculation Type Discount

Discount Type. Discount %

Value 5,00

Barcode Mask 98RRRRPPPPPM

First Valid Date Formula

Last Valid Date Formula

Extra Print Setup COUPONWPRC

Rounding Method

Barcode Element 1. Prefix

Barcode Element 2. Coupon Refer...

Barcode Element 3. Discount %

Barcode Element 4. Check Digit

Barcode Element 5.

Barcode Element 6.

Barcode Element 7.

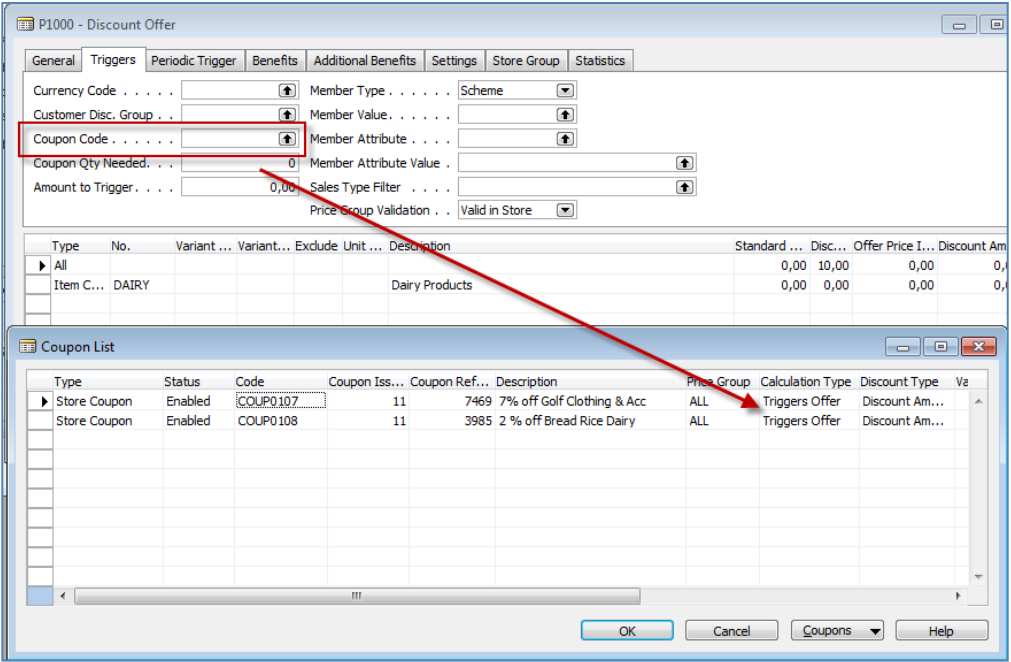
Barcode Element 8.

Use Restriction

Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Product Group	OFFICE					Office Supplies

Disable Coupon Help

- **Issue** tab. Used for defining issuing parameters for Return Coupons
 - **Calculation Type.** The options are either Discount or Triggers Offer. When Discount is selected a discount is given, either an amount or a percentage. When Triggers Offer is selected then the coupon can only be used within the offer system. Under **LS Retail – Back Office, Offers** there is a field under the **Triggers** tab for the offers called **Coupon Code**. Only offers with the **Coupon Code** filled out will be triggered when the coupon has been scanned.



P1000 - Discount Offer

General Triggers Periodic Trigger Benefits Additional Benefits Settings Store Group Statistics

Currency Code Member Type Scheme

Customer Disc. Group Member Value

Coupon Code Member Attribute

Coupon Qty Needed. 0 Member Attribute Value

Amount to Trigger. 0,00 Sales Type Filter

Price Group Validation Valid in Store

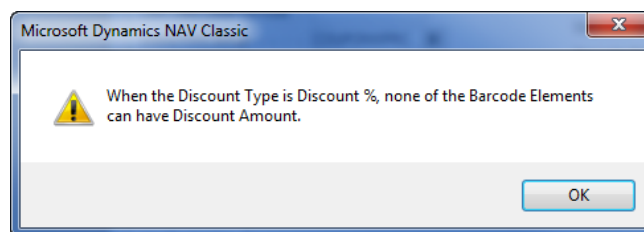
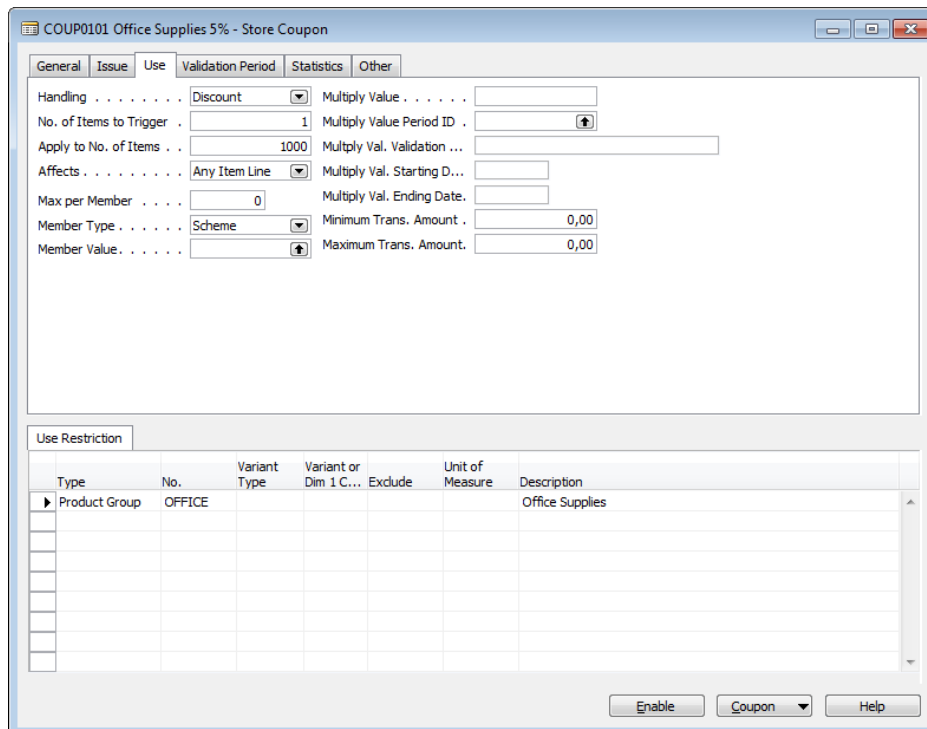
Type	No.	Variant ...	Variant...	Exclude	Unit ...	Description	Standard ...	Disc...	Offer Price I...	Discount Am
All							0,00	10,00	0,00	0,00
Item C...	DAIRY					Dairy Products	0,00	0,00	0,00	0,00

Coupon List

Type	Status	Code	Coupon Iss...	Coupon Ref...	Description	Price Group	Calculation Type	Discount Type	Va
Store Coupon	Enabled	COUP0107	11	7469	7% off Golf Clothing & Acc	ALL	Triggers Offer	Discount Am...	
Store Coupon	Enabled	COUP0108	11	3985	2% off Bread Rice Dairy	ALL	Triggers Offer	Discount Am...	

OK Cancel Coupons Help

- **Discount Type.** Defines whether the coupon is Amount or Percentage based.
- **Value.** The discount the coupon gives. If this is filled out, any discount information in the barcode is overlooked.
- **Barcode Mask.** The barcode mask used to generate a barcode for the issued coupon.
- **First Valid Date Formula.** This is where standard NAV date formulas are entered, for example 1D means that the first valid day for the coupon is the day after the coupon is issued.
- **Last Valid Date Formula.** Also standard NAV date formulas. For example 3M+1D would tell you that this coupon is valid for 3 months from the day following the issue date.
- **Extra Print Setup.** The print setup used for printing the Coupon. Further details are in the chapter that deals with the Extra Print Setup specifically.
- **Rounding Method.** The options here are defined on the Rounding Methods card, for instance Ten, Hundred or Whole.
- **Barcode Element 1. - 8.** This is where the combination within the barcode is defined. Normally Barcode Element 1 is reserved for Prefix, but other options are shown in a drop down list. One of the Barcode Elements can show where it is possible to set whether the discount is a percentage or amount. Note that this is only relevant if it corresponds to the Discount Type. If it does not an error message will be shown:

Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Product Group	OFFICE					Office Supplies

- **Use tab.** Defines usage issues.
 - **Handling.** Defines if the coupon should be handled as payment or discount in posting.

- **No. of Items to Trigger.** Defines the number of items each coupon need to be valid.
- **Apply to No of Items.** By default the coupon discount applies to the most expensive item in the use restriction list defined by the Type and the No. in the Use Restriction part at the bottom of the card. The default applies if the field is not filled in. If the discount applies to more items the discount is the same for the number of items defined here.
- **Affect.** Defines if the Coupon is valid for all the transaction, only the last line scanned or only the next line scanned. If the value is Next Item Line then the item must be scanned immediately after the coupon was scanned. If the value is Last Item Line then the coupon needs to be scanned immediately after the item was scanned.
- **Max per Member.** Here the maximum number of coupons per Member in a Club or a Scheme is defined.
- **Member Type.** The options here are Scheme or Club.
- **Member Value.** Opens a Member Scheme or a Member Club list. Here one can see the requirements for using the coupon, for instance for Member Scheme it may be necessary to belong at least to the gold scheme and in Member Club a golf club.
- **Multiply Value Period ID.** Opens the Validation Period Setup List and defines the period that the multiply values is valid. Here IDs can be defined. During the Validation Period the Multiply Value applies. Example: A coupon can for instance have the Multiplication Value 1,5 in the selected period Monday to Friday, then a 10 Euro coupon would have 15 Euro value on weekdays.
- **Multiply Val. Validation.** Defines the number used to multiply with if the coupon has multiply value.
- **Multiply Val. Starting Date** is calculated automatically from the Multiply Value Period ID.
- **Multiply Val. Ending Date** is calculated automatically from the Multiply Value Period ID.
- **Minimum Transaction Amount.** An example might be that this coupon is not valid unless the user buys goods for at least 100 Euros
- **Maximum Transaction Amount.** The maximum amount for the coupon offer to be valid. It can for instance give 10% discount of an amount of maximum 200 Euros. If the Transaction Amount is greater than this amount then the coupon is not valid.

COUP0101 Office Supplies 5% - Store Coupon

General | Issue | Use | Validation Period | Statistics | Other

Validation Period ID . . .

Validation Description . . No Time Limit

Starting Date

Ending Date

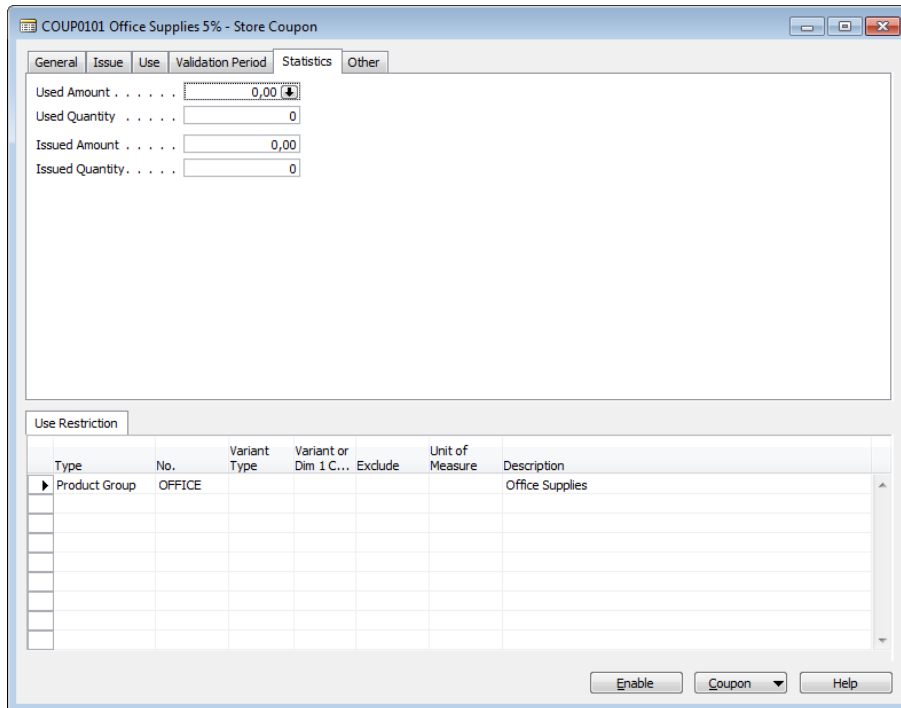
Use Restriction

Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
▶ Product Group	OFFICE					Office Supplies

Enable Coupon ▼ Help

The Validation Period tab

- **Validation Period.** Defines the period when the coupon is valid
- **Validation Period Description.** Description of the Period, for instance No Time Limit, Weekends or Easter 2012.
- **Starting Date.**
- **Ending Date.**



The screenshot shows a software window titled "COUP0101 Office Supplies 5% - Store Coupon". It has several tabs: General, Issue, Use, Validation Period (selected), Statistics, and Other. In the "Validation Period" tab, there are four input fields: "Used Amount" (0,00), "Used Quantity" (0), "Issued Amount" (0,00), and "Issued Quantity" (0). Below these is a "Use Restriction" section with a table. The table has columns: Type, No., Variant Type, Variant or Dim 1 C..., Exclude, Unit of Measure, and Description. The first row is selected and shows "Product Group", "OFFICE", and "Office Supplies". At the bottom right, there are buttons for "Enable", "Coupon" (with a dropdown arrow), and "Help".

Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Product Group	OFFICE					Office Supplies

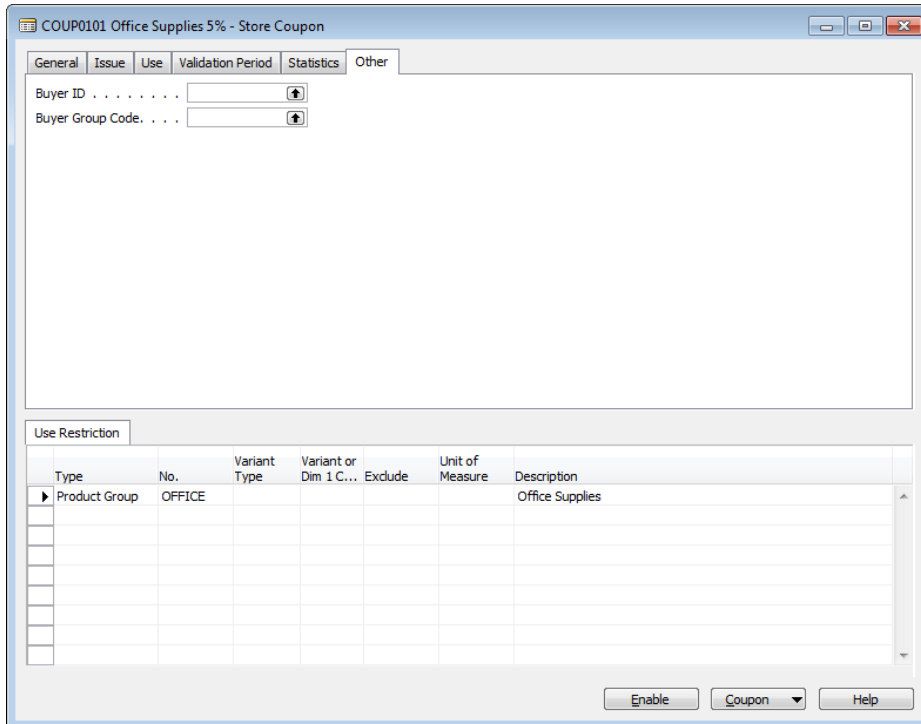
The Statistics tab.

Used Amount. Opens the **Trans. Coupon Entries** card. Here you check the amount of the discount the coupon has given.

Used Quantity. Shows the quantity of coupons that has been used. This could for instance be that coupons have been scanned 72 times but the total issued coupons are 100 as can be seen in the **Issued Quantity**.

Issued Amount. For coupons that have the discount type **Amount** here you can see the total value of the coupons issued.

Issued Quantity. Number of coupons issued.



Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Product Group	OFFICE					Office Supplies

The **Other** tab. In the Buyer ID you can select a Retail User that is to be responsible for the Coupon. The Coupon will then show up in the Buyer's Workbench in the LS Retail Replenishment system.

At the bottom of the card there are the **Use Restriction** lines.

- **Use Restriction** lines with the following columns:
 - **Type**. The line can be of type Item, Product Group, Item Category or ALL
 - **No.** The no. of item/product group/item category.
 - **Variant Code**. If an Item with variants is selected for the coupon line you can use this field to select from the available Variant Codes.
 - **Unit of Measure**. This field contains the unit of measure used for the coupon in question. If empty, the sales Unit of Measure is used.
 - **Description**. Description of the line.

The coupon is triggered by the items defined in the above lines and with the exclusions that may be set by marking the **Exclude** column.

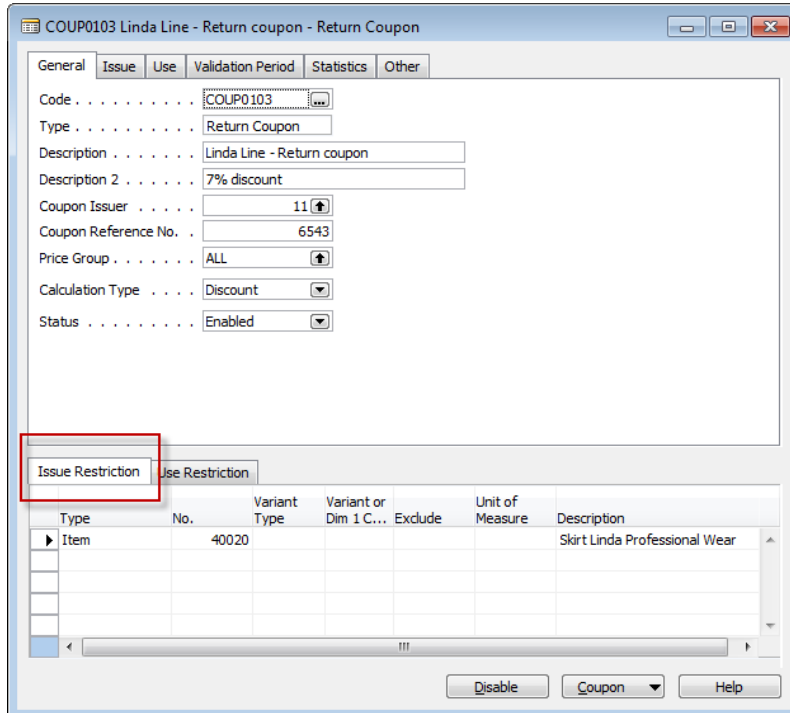
Items can be inserted in Coupon lines after various filtering. Under the **Coupon** button, **Get Items** you can get items according to any filtering on the Item table, Event Links or Special Groups. Special Group can be created in many ways, for instance you can create a Special Group for a few items in the new color in fashion this spring, regardless of categories and other defined groups.

It is for instance possible here to Get Items from a certain vendor, but if you want to select items from certain product group a more logical way is to enter the Product group directly.

2.4 Return Coupon Card

The Return Coupon is issued if an item in the Issue Restriction subform is sold. The Return Coupon can be issued with a certain amount as a value or a percentage.

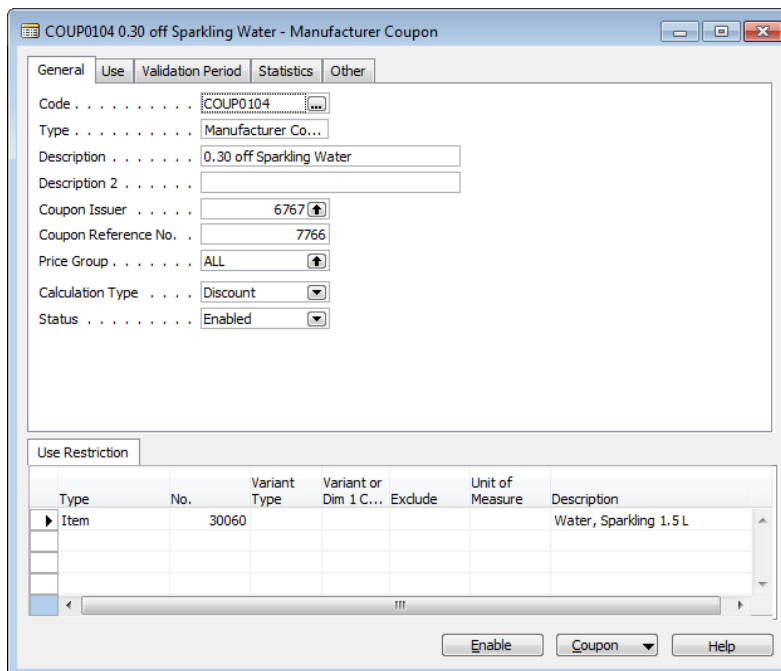
The Return Coupon is similar and in many ways the same as the Store Coupon with one exception: the **Issue Restriction** lines on the **Issue Restriction** tab in the subform of the card that list the items that will issue the Return Coupons.



Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Item	40020					Skirt Linda Professional Wear

If items are sold from the list of items in the Issue Restriction lines then a Return Coupon is issued. The Extra Print Setup that is covered in another chapter is used to print the Return Coupon.

2.5 Manufacturer Coupon Card



Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Item	30060					Water, Sparkling 1.5 L

There is no difference in the features of the Store Coupon and the Manufacturer Coupon. The difference lies in the origin of the coupon and how it is used. Manufacturer Coupons are always issued by a third party; they may for instance be a cutout from a magazine or a cereal package.

2.6 Setting Up Coupon Barcode Masks

To be able to read coupon barcodes on the POS you need to set up a Barcode Mask. A Barcode Mask is also needed to issue Return Coupons. An example of barcode structure can be seen here.

Coupons in LS Retail are based on using Barcode Masks to identify the Coupon and possible discount. The mask should follow the EAN recommendations and include:

R = Coupon reference number (allocated by a coupon issuer)
 L = License or Coupon Issuer
 P = Discount value, either a Discount Amount or a Discount %
 M = Check Digit calculated according to the standard algorithm
 P = Either Discount Amount or Discount %
 X = First Valid Date, Last Valid Date or Any Number
 T = Value Code in the Barcode is not supported

To set up Coupon Functionality in LS Retail you need to:

Define Coupon Issuer

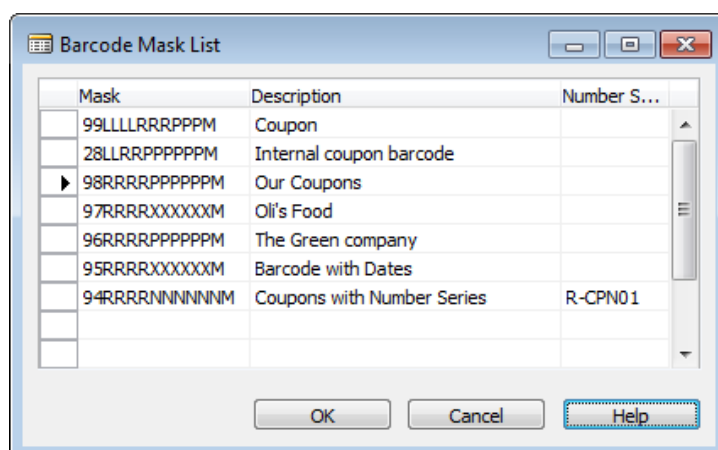
Define the Coupon

Define Barcode Mask defining the structure of the Coupon Barcodes

Define Coupon Tender Type on the Stores accepting Coupons

When the setup is completed the coupon can be scanned in any time at the POS or you can set up a button for Coupons which accepts Coupon barcode or the Coupon Code in the system.

A good example of the barcode masks is to be found in the demo data company CRONUS LS 2009 (6.3)W1 Demo-v8:



To Set Up Coupon Barcode Mask:

1. Click **LS Retail - BackOffice, Setup, Items, Barcodes, Barcode Mask Setup**. The Barcode Mask Setup window appears.
2. Press **F3** to create a new barcode mask.
3. In the Type field select **Coupon**.

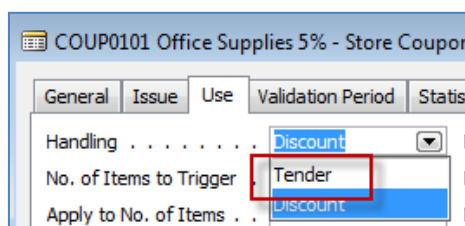
4. Perform a lookup in the **Mask** field to define the barcode mask, the **Barcode Mask Setup Card** window appears.
5. Fill in the **Description** field.
6. Fill in the **Prefix** field, with whichever value you prefer except 02, and 20-29.

Now you must fill in the lines, which are split up in segments.

1. Fill in the **Segment No.** field. The first line should have segment number 1, the second, segment number 2 and so on.
2. In the **Type** field, select the type of the segment you want to include in the **Barcode Mask**. For coupons you can define:
 - a. EAN License No. (L) or Coupon Issuer Code
 - b. Coupon reference (R)
 - c. Price (P) – for either Discount Amount or Discount %
 - d. Number Series (N) for Coupons with a sequence from a number series.
 - e. Any Number (X) where you can select one of the following, First Valid Date, Last Valid Date, Sequence No. or Any Number.
3. In the **Length** field, insert the number of characters you want to have in the segment
4. Remember to keep the latest segment free for a check digit, with the type **Check Digit** (M) and the length 1.

2.7 Coupon Tender Type Setup

For coupons that are with Tender selected on the Use tab then you must be sure that the Tender Type for coupon has been set up on the Store card:



These are normally Manufacturing coupons.

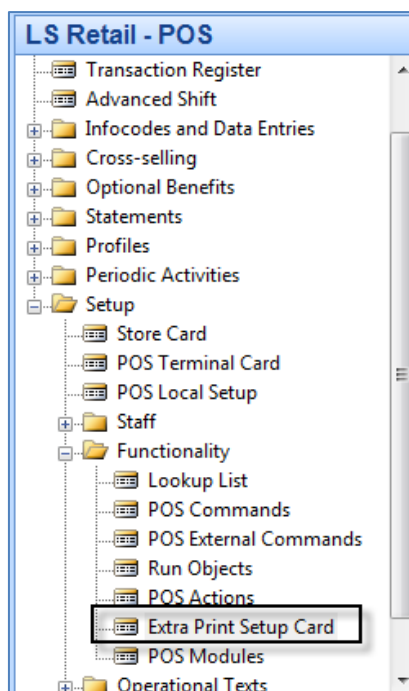
You must define a Coupon Tender type to be able to accept coupons at the POS.

To Set Up Coupon Tender Type:

1. Click **LS Retail - BackOffice, Setup, Store Card**
2. Select the relevant store under the button **Store**, select **List**
3. Click on the **Store** button and select **Tender Types**.
4. Press **F3** to insert a new tender type.
5. Select the **Coupons** tender type in the **Code** field.
6. Fill in the remaining fields as necessary.

2.8 Extra Print Setup

To set up how the Coupon is printed on the POS, you need to go to the Extra Print Setup Card under **LS Retail – POS, Setup, Functionality**



The following codes in the Extra Print Setup lines can be used when printing a Coupon from the POS:

Code	Explanation
%AC	Barcode Number – The printer will print the Barcode Number unless the Alignment is Barcode then the printer will print the actual barcode
%AM	This code will print the Coupon Amount. Please note that if the Coupon is issued as a Discount % Coupon, then a 0 will be printed.
%AT	The Coupon Amount will be printed as text. A Coupon amount of 10.00 will be printed as ten/00
%CU	This code will print the Customer No.
%DC	This code will either print the coupon discount percentage or the coupon discount amount. An example is 6.00 Discount %.
%D2	This code will print the Coupon Description which can be found in the Description field in the Coupon Card
%D3	This code will print the Coupon Description 2 which can be found in the Description 2 field in the Coupon Card.
%DT	This field will print the date the Transaction takes place.
%NO	This field will print the Coupon code.
%PR	This field will always print 0.00
%QT	This field will print the Discount Percentage
%TA	This field will print the Transaction Amount
%TD	This field will print the Transaction Discount Amount
%VF	This field will print the Valid From Date
%VT	This field will print the Valid To Date

Below is an example of a setup that will print a Coupon with a Discount Amount:

COUPONWAMT - POS Extra Print Setup Card

General

Setup ID COUPONWAMT No. of Extra Prints . . . 0

Description Coupon with Disc. Amount Print Header ☒

Rotation ☐ Print Footer ☒

Print Type Slip print Print Infocodes ☐

Document In Printer . . . Print For Each Unit . . . ☐

Print COPY text on Co... ☐

Align	Wide	High	Bold	Italic	Text
<input checked="" type="checkbox"/> Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			%D2
<input type="checkbox"/> Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			%D3
<input type="checkbox"/> Left					
<input type="checkbox"/> Center					Disc. Amount %AM %
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Barcode					%AC

Print Setup Help

This is how the coupon will be printed on the POS:

Receipt Station

Cronus Food Market South

Slip: 00000P0001000001555

Staff: Flynn Trans: 179

Date: 24.02.12 18:30

5.00 off Radio Porta

Disc. Amount 5,00 %

#####

9844660005002

Welcome again

The following is an example of a setup that will print a Coupon with a Discount Percentage:

COUPONWPRC - POS Extra Print Setup Card

General

Setup ID COUPONWPRC No. of Extra Prints . . . 0

Description Coupon with Disc. Percentage Print Header ☒

Rotation Print Footer ☒

Print Type Slip print Print Infocodes ☐

Document In Printer . . . Print For Each Unit . . . ☐

Print COPY text on Co... ☐

Align	Wide	High	Bold	Italic	Text
<input checked="" type="checkbox"/> Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			%D2
<input type="checkbox"/> Center	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			%D3
<input type="checkbox"/> Left					
<input type="checkbox"/> Center					Discount %QT %
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Left					
<input type="checkbox"/> Barcode					%AC

Print Setup Help

The coupon will be printed on the POS like this:

Receipt Station

Cronus Food Market South

Slip: 00000P0001000001555

Staff: Flynn Trans: 179

Date: 24.02.12 18:30

15% off CD Player Po

Discount 15 %

#####

9465851240028

Welcome again

2.8.1 List Unused Coupons

POS Lookup – NOTUSED COU is used to be able to list unused coupons that have been scanned at POS:

[illegible]

To activate the lookup, a call to function `CouponsNotUsedLookup` in codeunit `Additional POS Command` should be made.

3 Coupons Use and Functionality

3.1 Coupons Usage on the POS

When setup is complete, the POS instantly starts to accept coupons without any further settings needed. Coupons can be scanned at any time during a transaction and will trigger when the Total button is pressed.

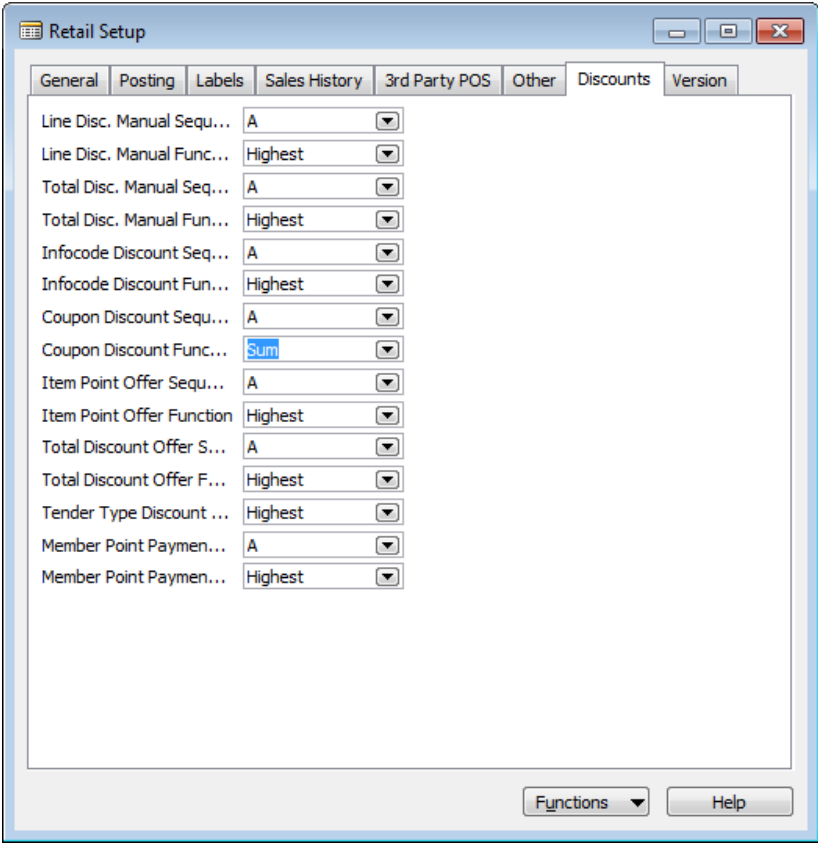
It is also possible to add a button to the POS to accept coupons. Adding a button with the POS command 'COUPON' makes it possible to enter the barcode number or the Coupon code on the POS.

3.2 Statistics

All coupon usage at the POS is registered in the **Trans. Coupon Entry** table no matter if the coupon is handled as discount or as tender.

Amount and **Quantity** show the coupons used on the POS. **Issued Amount** and **Issued Quantity** show the Return coupons issued at the POS.

A statistical Report which can be used to invoice for Manufacturer Coupons can be printed both from the Coupon Card (Coupon, Statistic Report) for each coupon or from the Coupon Issuer Card (Coupon Issuer, Statistic Report) for all coupons from that issuer.



Setting	Value
Line Disc. Manual Sequ...	A
Line Disc. Manual Func...	Highest
Total Disc. Manual Seq...	A
Total Disc. Manual Fun...	Highest
Infocode Discount Seq...	A
Infocode Discount Fun...	Highest
Coupon Discount Sequ...	A
Coupon Discount Func...	Sum
Item Point Offer Sequ...	A
Item Point Offer Function	Highest
Total Discount Offer S...	A
Total Discount Offer F...	Highest
Tender Type Discount ...	Highest
Member Point Paymen...	A
Member Point Paymen...	Highest

3.3 Coupons that trigger offers

Serial coupons can be issued with unique serial number and thus only be used once if the Issue Validation is Apply to Entry or the Coupon ID Method is Serial No.

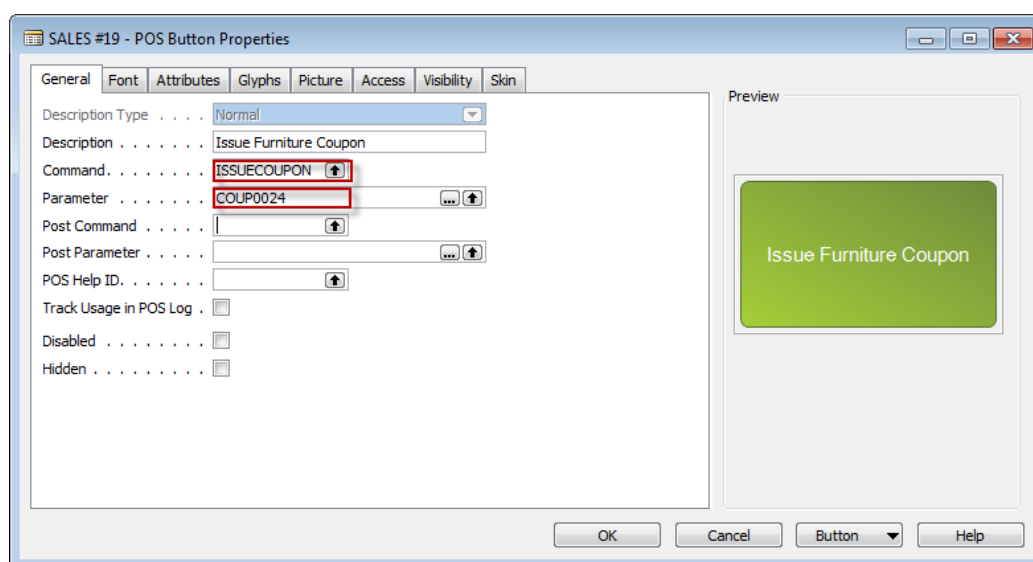
A specific coupon can have a defined period of validity calculated from the date of issuing, for example not valid until the day after issuing and for one week.

This is normally done in order to encourage the customer to come back to the store. Serial coupons also have the advantage to enable traceability, which gives the businesses many options in marketing initiative.

Serial Coupons can be awarded directly to customers where his usage is then tracked or a loyalty member can be limited the usage of a general magazine coupon to only twice. Coupons can be used as a discount, payment or to trigger a more complex offer.

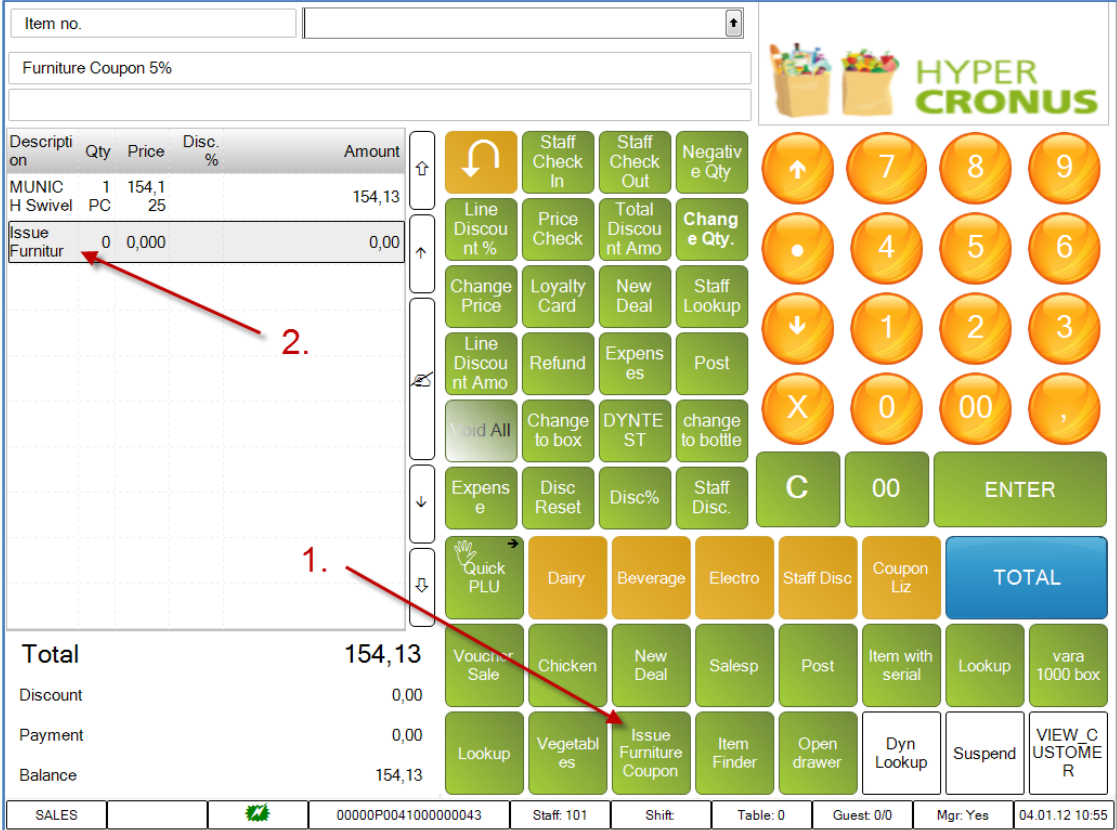
3.4 Issue Coupon on the POS

Coupons can be manually issued by creating a button on the POS. The Command is ISSUECOUPON and the Parameter is the Code in the Coupon Header Code.



We want to issue the coupon described above (Furniture Coupon 5%), so we need to enter COUP0024 in the Parameter field.

When this button is pressed on the POS, a new line is inserted into the POS Trans. Lines table and you will see it in the journal lines.



Item no.

Furniture Coupon 5%


Description	Qty	Price	Disc. %	Amount
MUNIC H Swivel PC	1	154,1	25	154,13
Issue Furniture	0	0,00		0,00

Total 154,13

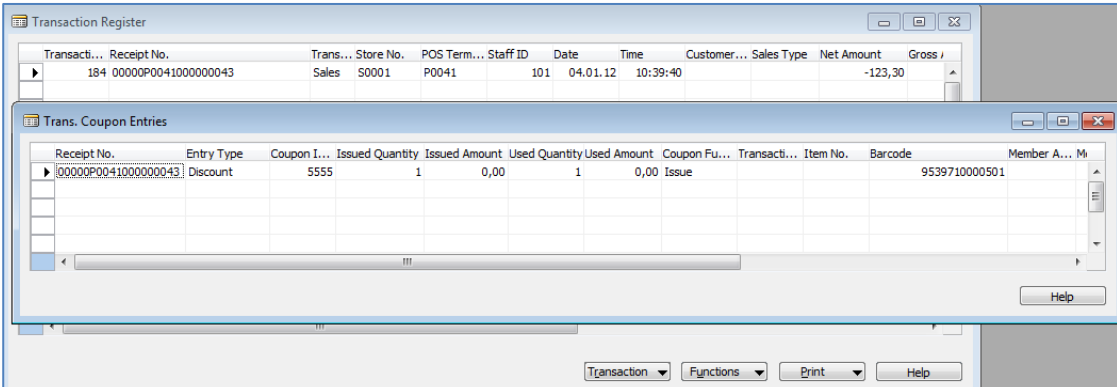
Discount 0,00

Payment 0,00

Balance 154,13

SALES  00000P0041000000043 Staff: 101 Shift: Table: 0 Guest: 0/0 Mgr: Yes 04.01.12 10:55

When the Transaction is finalized or fully tendered, the system will post the transaction and create an entry in the Trans. Coupon Entry table for the issued coupon.



Transaction Register

Transact...	Receipt No.	Trans...	Store No.	POS Term...	Staff ID	Date	Time	Customer...	Sales Type	Net Amount	Gross /
184	00000P0041000000043	Sales	S0001	P0041	101	04.01.12	10:39:40			-123,30	

Trans. Coupon Entries

Receipt No.	Entry Type	Coupon I...	Issued Quantity	Issued Amount	Used Quantity	Used Amount	Coupon Fu...	Transact...	Item No.	Barcode	Member A...	Mi
00000P0041000000043	Discount	5555	1	0,00	1	0,00	Issue			9539710000501		

Transaction Functions Print Help

The coupons that were issued this way will be printed on the Receipt Printer if the Extra Print Setup field in the Coupon Header was filled out. Coupons will also be issued if an offer is triggered and it has Coupons as an Additional Benefits.

A coupon will also be issued if items listed in the Issue Restriction lines of an active Return Coupon are sold on the POS.

3.5 Using Coupons on the POS

When Coupons are to be used on the POS, you need to scan (or enter) the barcode on the Coupon. The system will check the following:

- The Coupon Header must be **Enabled**.
- If the Coupon has a **Valid From Date**, today's date must equal or later than the date on the Coupon.
- If the Coupon has a **Valid Until Date**, today's date must be before or equal to the date on the Coupon.
- If the Coupon has the **Max pr. Member** filled out, a Member Card must have been scanned. If it has been scanned, the system will check to see if the Member has already used the coupon as often as specified in the **Max pr. Member**. If so then the system will issue this error.

Field: Max Number per Coupons

- If the Coupon has the **Member Value** filled out, a Member Card must have been scanned. If it has been scanned, then the system will check to see if the Member belongs to the Club or the Scheme specified in the Member Type and Member Value fields.
- If the **Affects** field in the Coupon Header is Last Item Line, the coupon must be valid for the item that was scanned before the coupon was scanned. If not the system issues an error saying that the Coupon is only valid for next/last item line.
- If the **Affects** field in the Coupon Header is Next Item Line, the system will save the coupon barcode and display this message: „Scan item now to trigger coupon“. If the next item scanned is not listed in the Use Restrictions in the Coupon card subform, the system will issue an error saying that the Coupon is only valid for next/last item line.

When the Total button on the POS is pressed, all the scanned coupons will be checked to see if they can be used. If they can be used, they will trigger discounts, either fixed amounts or percentages. The discount amount will either be applied to the transaction as Coupon Discount or as a Tender depending on the Handling field.

If the Handling is Discount, you will see if the correct discount has been calculated when you press the Total button. The Discount Amount will show the total discount amount.
If the Handling is Tender, you will see that a Payment line will be inserted when you press the Total button.

When a transaction with coupons is posted, the Trans. Coupon Entry table is populated. If the coupon is set to have a Number Series or Sequence No. as a part of the coupon barcode, then an entry is created in the Coupon Entries table.

After the payment has been made, coupons that were scanned and not used will be shown in a pop-up form.

3.6 Displaying Triggered Discounts on the POS

In order to see what discounts have been triggered or given and how they are distributed between items, you need to add a button to the POS with POS Command SHOWDISCINFO.

Find a button that is free on the POS and right-click on Properties.



Item no.

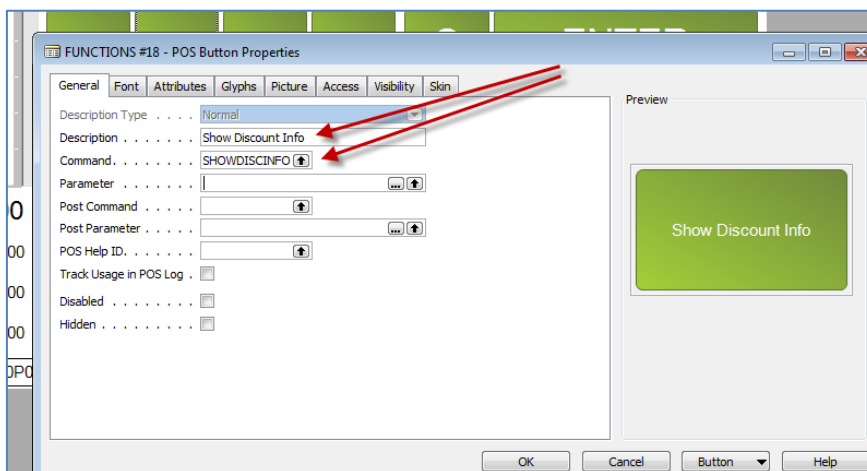
Office Supplies 5%

Description	Qty	Price	Disc. %	Amount
Document File, 2 H	1	5,00		5,00
Office Supplies	0	0,00		0,00

Total 5,00
 Discount 0,00
 Payment 0,00
 Balance 5,00

SALES 0000P0001000001559 Staff: 101 Shift: Table: 0 Guest: 0/0 Mgr: Yes

Enter Show Discount Info in the **Description** field and SHOWDISCINFO in the Command field and press the **OK** button.



FUNCTIONS #18 - POS Button Properties

General Font Attributes Glyphs Picture Access Visibility Skin

Description Type Normal

Description Show Discount Info

Command SHOWDISCINFO

Parameter

Post Command

Post Parameter

POS Help ID.

Track Usage in POS Log ☐

Disabled ☐

Hidden ☐

Preview

Show Discount Info

OK Cancel Button Help

You now have a button that will show which Discounts have been triggered or entered. Here is an example:

First item 50040 Arch Board File and 50050 Appointment Diary is sold and the coupon COUP0101 scanned, which will give 5% of all Office Supplies.

Then an additional 10% total discount is given.

This is what will be shown in the POS journal on the screen:

Total discount applied				
Balance due is 12,60				
Description	Qty	Price	Disc. %	Amount
Arch Board File	1	10,00	10	9,00
Appointment Diary	1	4,00	10	3,60
Office Supplies	0	0,00		0,00
Total Discount	0	0,00	10	-1,40

When the **Show Discount Info** button is pressed, both the discounts have now been grouped together and we see how much has been applied to each line:

Discount Information		
Description	Disc. Amt.	Tot. Disc.
Coupon Office Supplies 5%		0,70
Arch Board File	0,50	
Appointment Diary	0,20	
Total		1,40
Arch Board File	1,00	
Appointment Diary	0,40	

▲

▼

Page Up

Page Down

Close

The **Coupon Office Supplies 5%** discount will give the customer 0.70 off which is split between the Arch Board File (0.50) and the Appointment Diary (0.20).

The **Total** discount will give the customer 1.70 off which is also split between the Arch Board File (1.00) and the Appointment Diary (0.40).

Please bear in mind that the Total Offers and also the Coupon Discounts are triggered when the Total button is pressed, so make sure you press the **Total** button before you press the **Show Discount Info** button.

3.7 Priorities and Order of Discount Calculation

The order that the discount is calculated is of importance.

For **Sum** all the discounts are applied on the original price.

For **Line** the highest discount is applied to the original sum, the second highest to the price that is then available and so on

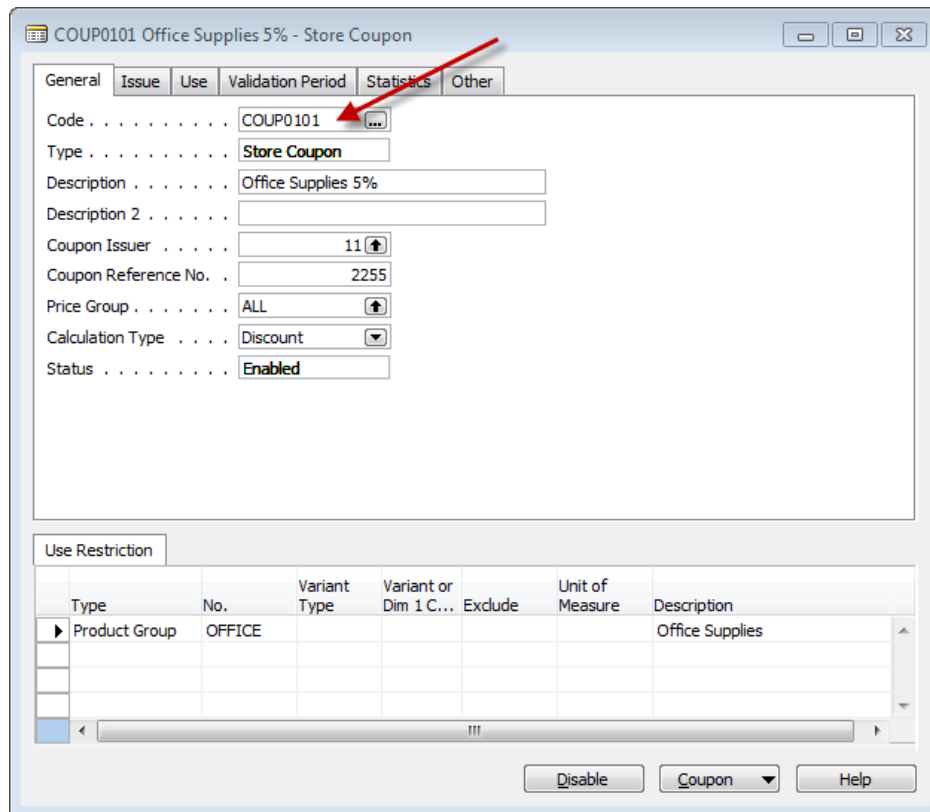
In the Discounts tab on the LS Retail Setup form, you can specify where in the calculation sequence the Coupons are calculated. If the Coupon Discount Sequence is A, then the coupon discount % is applied to the original price of the item. If the Coupon Discount Sequence is G, then the coupon discount % is applied to the price of the item after all the discounts with a Sequence from A to F have been calculated.

In the **Prices and Offers Quick Guide** there is additional information on how the priorities are calculated.

4 Use Cases

4.1 Store Coupon Discount

Here is an example of a Store Coupon that will give 5% discount on all items in the Product Group = OFFICE.



COUP0101 Office Supplies 5% - Store Coupon

General Issue Use Validation Period Statistics Other

Code COUP0101

Type Store Coupon

Description Office Supplies 5%

Description 2

Coupon Issuer 11

Coupon Reference No. 2255

Price Group ALL

Calculation Type Discount

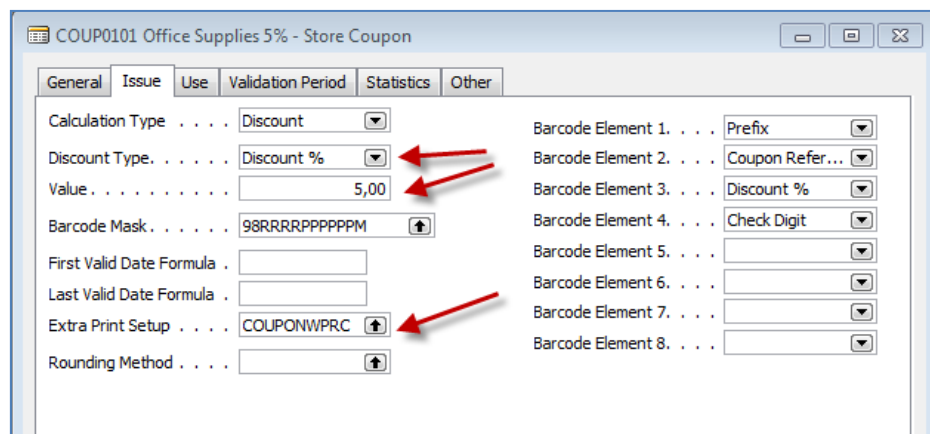
Status Enabled

Use Restriction

Type	No.	Variant Type	Variant or Dim 1 C...	Exclude	Unit of Measure	Description
Product Group	OFFICE					Office Supplies

Disable Coupon Help

The Discount Type field is set to Discount % and the Value is 5,00. Also the COUPONWPR is selected in the Extra Print Setup field.



COUP0101 Office Supplies 5% - Store Coupon

General Issue Use Validation Period Statistics Other

Calculation Type Discount

Discount Type Discount %

Value 5,00

Barcode Mask 98RRRRPPPPPM

First Valid Date Formula

Last Valid Date Formula

Extra Print Setup COUPONWPR

Rounding Method

Barcode Element 1. Prefix

Barcode Element 2. Coupon Refer...

Barcode Element 3. Discount %

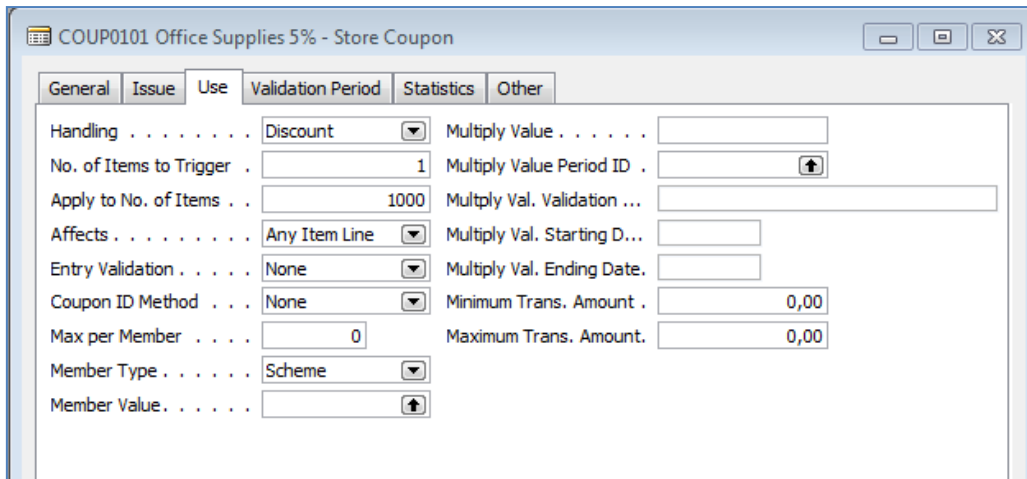
Barcode Element 4. Check Digit

Barcode Element 5.

Barcode Element 6.

Barcode Element 7.

Barcode Element 8.



The **No. of Items to Trigger** is set to 1 by default. If it is set to 2 (or more), then you need a quantity of 2 (or more) to trigger the discount.

The **Apply to No. of Items** is set to 1 by default. This means that the coupon can only be applied to a quantity of 1. If this is set to 2 (or more) then the coupon can be applied to a quantity of 1 or 2 (or more). In this case it is set to 1000.

The **Affects** is set to Any Item Line, so that the coupon can be scanned either before or after the item(s) that will trigger the discount. When the Total button on the POS is pressed, the system will find the most expensive item line that fulfills the Use Restrictions and apply the discount on that line.

If the **Affects** field is Last Item Line the coupon will only apply to the item that was scanned just before the coupon was scanned. If that item is not in the Use Restrictions then the POS will issue an error.

If the **Affects** field is Next Item Line, the barcode of the coupon is stored in memory and checked when the next item is scanned. If that item is not in the Use Restrictions then the POS will issue an error.

After the **Total** has been pressed on the POS, the item lines that will get the coupon discount will have the discount % updated and the line amount will be changed. Also the Discount Amount will be updated.

4.2 Using the Store Coupon

The Store Coupon can be used in four ways and similar methods are used for other coupons:

1. Scanning the barcode
2. Entering the barcode number in the Input Panel
3. Enter the Coupon Code number in the Input panel.
4. Using the button Coupon for POS command Coupon

The most common way is to scan the barcode and is shown here.

4.2.1 Scanning in the Barcode

An example of scanning in the barcode is for example selling the item 60060 as shown in the demo script for Coupons. The following steps are taken:

1. The POS Client is opened.
2. Item 60060 is sold.

Descripti on	Qty	Price	Disc. %	Amount
Cassette Tapes	1	1,88		1,88

3. The coupon (in the demo script it is no. **9843210007008**) is entered by scanning the barcode. Coupon **984321000700** also works for Items 60070, 60080 and 60090, since the coupon is valid for all items in product group ACC



4. The discount is shown in next line:

Description	Qty	Price	Disc. %	Amount
Cassette Tapes	1	1,88	7	1,75
Stereo Accessories 7% off	0	0,00		0,00

5. When the **Total** button is pressed and the tender type Cash is selected the 7% discount is applied.