

# Item Groups

*Inventory and warehouse management > Setup > Inventory > Item groups*

**Summary** Item groups control the general ledger posting profile for a subset of items.

**Steps**

1. Main accounts
2. Sales order postings
3. Purchase order postings
4. Inventory postings
5. Production postings

**Tips**

- Try to link one Item group to one inventory Balance sheet account for easier reconciliation
- The AX 2012 R2 demo data contains significantly improved posting profile examples

# Main accounts

The following **Main accounts** are the basic accounts used in posting profiles. The accounts are explained in further detail in the subsequent pages.

This posting profile scenario is a raw material item where revenue is accrued during Sales order delivery.

Main accounts				
		Type to filter	Main account	
Main account	Name	Main account type	Main account category	
130300	Accounts Receivable - Not Invoiced	Asset	AR	
140100	Raw Materials Inventory	Asset	INV	
150100	Production WIP-Clearing	Asset	WIP	
150150	Production WIP-Materials	Asset	WIP	
200140	Accrued Purchases - Received Not I...	Liability	AP	
401100	Product Sales	Revenue	SALES	
401400	Accrued Sales (Shipped Not Invoice...	Revenue	SALES	
500110	COGS - Raw Materials	Expense	COGS	
510320	Cost Change Variance	Expense	COGS	
510330	Inventory Cost Revaluation	Expense	COGS	
510500	Inventory Profit/Loss	Expense	COGS	
600180	Raw Materials Receipts	Expense	MANUEXP	

## Interactive 4.2 Item Groups - Sales Order

Item groups (1 - usmf)

File New Delete Posting Forecasting

Item group	Name
Audio	Audio Products
AudioRM	Audio Raw Materials
CarAudio	Car Audio Products
CarAudioRM	Car Audio Raw Materials
Services	Services
TV&Video	TV and Video Products

Item group: CarAudioRM  
Name: Car Audio Raw Materials

**Sales order**

Account type	Main account
Order, packing slip	140100
Sales, packing slip offset	500150
Sales order, issue	140100
Sales order, consumption	500110
Sales order, revenue	401100
Sales, discount	
Sales, commission	602150
Sales, commission offset	201110
Deferred revenue on delivery	401400
Deferred revenue offset on delivery	130300
Sales, packing slip tax	
Sales order, items shipped	

Order, packing slip

Sales, packing slip offset

Sales order, issue

Sales order, consumption

Sales order, revenue

**Purchase order**

**Inventory**

**Production**

**Setup**

Account type, for example, profit and loss or balance

Close



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### Interactive 4.3 Item Groups - Purchase Orders

Item groups (1 - usmf)

File New Delete Posting Forecasting

Item group	Name
Audio	Audio Products
AudioRM	Audio Raw Materials
CarAudio	Car Audio Products
CarAudioRM	Car Audio Raw Materials
Services	Services
TV&Video	TV and Video Products

Item group: CarAudioRM  
Name: Car Audio Raw Materials

**Purchase order**

Account type	Main account
Product receipt	140100
Purchase expenditure, un-invoiced	600180
Purchase, inventory receipt	140100
Purchase expenditure for product	600180
Purchase, discount	
Purchase, fixed receipt price profit	
Purchase, fixed receipt price loss	
Purchase, fixed receipt price offset	
Charge	
Stock variation	
Purchase, accrual	200140
Accrued sales tax on receipt	
Physical purchase price variance	510310
Fixed asset receipt	
Prepayment	
Purchase expenditure for expense	618900

**Inventory**

**Production**

Account type, for example, profit and loss or balance

Close

### Interactive 4.4 Item Groups - Inventory

Item groups (1 - usmf)

File New Delete Posting Forecasting

Item group: CarAudioRM

Name: Car Audio Raw Materials

Item...	Name
Audio	Audio Products
AudioRM	Audio Raw Materials
CarAudio	Car Audio Products
CarAudio...	Car Audio Raw Materials
Services	Services
TV&Video	TV and Video Products

**Inventory**

Account type	Main account
Inventory, fixed receipt price profit	
Inventory, fixed receipt price loss	
Inventory, issue	140100
Inventory, loss	510500
Inventory, receipt	140100
Inventory, profit	510500
Inventory cost revaluation	510330
Inventory inter-unit payable	231500
Inventory inter-unit receivable	133500
Cost change variance	510320
Rounding variance	618160
Fixed asset issue	
Issue	
Receipt	
Unrealized gain	
Unrealized loss	
Goods in transit	
Scrap	

Inventory, issue

Inventory, loss

Inventory, receipt

Inventory, profit

Inventory cost revaluation

Account type, for example, profit and loss or balance

Close



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## Interactive 4.5 Item Groups - Production

Item groups (1 - usmf)

File New Delete Posting Forecasting

Item group: CarAudioRM

Name: Car Audio Raw Materials

Account type	Main account
Production, picking list	140100
Production, picking list offset	150150
Production, report as finished	140100
Production, report as finished offset	150150
Production, issue	140100
Production, issue offset	150100
Production, receipt	140100
Production, receipt offset	150100
Production price variance	510340
Production lot size variance	510370
Production quantity variance	510350
Production substitution variance	510360
Lean service WIP receipt	
Lean service WIP clearing	

Production, picking list

Production, picking list offset

Production, report as finished

Production, report as finished offset

Production issue

Production, receipt

Production, issue offset  
Production, receipt offset

Setup

Item allocation key proposed when creating forecasts for the item group

Close